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Sixty-Ninth Edition

# Statistical Abstract of the United States

## 1948

Compiled Under the Supervision  
of Morris H. Hansen  
Statistical Assistant to the Director



U. S. DEPARTMENT OF COMMERCE

Charles Sawyer, Secretary

BUREAU OF THE CENSUS, J. C. Capt, Director

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## ACKNOWLEDGMENTS

The Statistical Abstract of the United States has been published annually for the past 69 years, and its present content and form are the result of the work of many persons during that period. Revisions are made each year to adapt it to meet current needs and uses, and to bring the various statistical series up to date. The present volume has been compiled under the supervision of Morris H. Hansen, Statistical Assistant to the Director, and Morris B. Ullman, Chief, Statistical Reports Section. Bruce L. Jenkinson is Chief, Statistical Abstract Unit. Kathleen H. Dugan is Editor, and Elma D. Beynon is editorial supervisor, of the annual volume.

The cooperation of many persons acting in either their official positions or as individuals, who contributed to the preparation of this volume, is gratefully acknowledged. The list of tables by source (pages 984-987), as well as the source note following each table, indicates the various government and private agencies cooperating in furnishing information, assisting in the selection and preparation of the material, or otherwise contributing to the preparation of the Statistical Abstract.

JUNE 1948.

## SUGGESTED BRIEF CITATION

U. S. Bureau of the Census, *Statistical Abstract of the United States: 1948*. (Sixty-ninth edition.) Washington, D. C., 1948.



## PREFACE

**Use of the Statistical Abstract.**—The Statistical Abstract of the United States presents in a single annual volume important summary statistics on the industrial, social, political, and economic organization of the United States, and includes a representative selection from most of the important statistical publications. It is, of necessity, limited primarily to national data and to limited summaries by States. It does not attempt to present the great wealth of local data available from many sources.

This book is designed to serve a twofold purpose: *First*, to serve as a convenient reference volume for quantitative summary information; and *second*, to serve as a guide to various important sources of statistical data. If the user finds that the information given here on a particular subject is not sufficiently detailed for his purpose, it is suggested that he refer to the publication or the agency from which the statistics were obtained for publication in the Statistical Abstract. The source of each table is given at the foot of the table. The original source usually contains additional statistical detail, and a more complete discussion of the definitions and concepts involved, than can be presented in the Statistical Abstract; also, it may supply data for small areas. Further, the agency initially responsible for the statistics occasionally can supply still more detailed information on the basis of their unpublished tabulations or records.

**1948 Edition.**—This edition, the 69th annual issue of the Statistical Abstract of the United States, is designated by the year of publication. The statistics shown are the latest available in the early part of the calendar year. The time periods or dates covered by the information in the tables vary according to the practices followed by the various agencies responsible for their preparation.

The presentation of graphic material, begun in the 1947 edition, has been continued. Eighteen pages are now devoted to this type of presentation in comparison with 12 pages in the 1947 edition.

This edition includes 1,070 tables in comparison with 1,059 in the previous edition. General notes have been added for Section 21, Waterways, Water Traffic, and Shipping, and Section 28, Construction and Housing.

Additional or new subject material is presented on population forecasts, employment in the executive branch of the Federal Government, consumer income, motor fuel consumption, national forests, current industrial production, and size of establishments in the distribution and service industries. The listing of tables by source now follows the tabular material (see pages 984–987).

A review of the materials presented in the field of insurance is in process and it is planned to incorporate the results in the next issue. Comments and suggestions relating to improvement of the current presentation of insurance data will be appreciated.

**Supplements to the Abstract.**—The Statistical Abstract, as an annual one-volume publication, is of necessity limited in amount of detail shown. Businessmen, teachers, librarians, public officials, professional workers, and others often require data for individual cities, counties, metropolitan areas, and other small areas as well as for States. Economists, teachers, students, and others frequently need more historical information. To meet such requests for more detail, a series of supplements to the Abstract has been initiated.

The first of these supplements, *Cities Supplement—Statistical Abstract of the United States*, provides 79 different items of information concerning the population, education, housing, labor force, business establishments, government finance, and climate of each of the 397 cities of the United States with 25,000 or more inhabitants in 1940. This supplement is on sale by the Superintendent of Documents, Washington 25, D. C., for 15 cents.

The *County Data Book*, a supplement to the Statistical Abstract of the United States, is the second in this series. This publication brings together 91 different items of information for each of the 3,099 counties of the United States, with summaries for 188 metropolitan areas defined along county lines. Broad subject headings covered are population, labor force, housing, agriculture, industry, trade, and other economic data (including bank deposits, E Bond sales, war supply contracts, and wartime facilities projects). This publication is on sale by the Superintendent of Documents, Washington 25, D. C., for \$2.75.

*Historical Statistics of the United States*, a third supplement, is now in press. This volume brings together 3,000 statistical series which extend back through time. Data are shown for each year back to 1789 or to the earliest data available for the series. In the preparation of this supplement the Bureau had the cooperation of a special committee of the Social Science Research Council set up to advise the Director of the Census on a source book of historical statistics and of the Committee on Research in Economic History under the auspices of the Social Science Research Council.

These supplements to the Statistical Abstract have been prepared to extend the usefulness of the basic annual volume by assembling specialized material in separate books. As these supplements develop it will be possible to edit the material shown in the basic volume to emphasize recent data, while supplements will serve the more specialized needs.

**Responsibility.**—As implied in the title, the contents of this volume are taken from a large number of sources, as indicated in the list of agencies furnishing material. (See pages 984–987.) The Bureau of the Census cannot accept the responsibility for the accuracy or limitations of the data presented here, other than for those which it collects. However, the responsibility for selection of the material for the general user and for proper presentation rests with the Bureau, even though carried out with the cooperation of many technicians who have given unselfishly of their time and knowledge in order to assist the Bureau's staff in making the presentation as meaningful and useful as possible.

The cooperation of the users must also be acknowledged. Many persons have written offering suggestions for improving the presentation of the material. These letters have been most helpful and users are urged to continue to make their needs known. All suggestions will be carefully considered in planning future editions.

#### FOR ADDITIONAL INFORMATION ON DATA PRESENTED

write to the agency indicated in the source note to the table which covers the desired subject.

#### SUGGESTIONS AND COMMENTS

should be sent to:

The Director  
Bureau of the Census  
Washington 25, D. C.

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STATISTICAL ABSTRACT SUPPLEMENTS

*Cities Supplement—Statistical Abstract of the United States.*  
Selected data (79 items) for 397 cities having 25,000 inhabitants or more in 1940. Washington, D. C., September 1944. 47 p. Price \$0.15 (Paper).

*County Data Book.* Contains 91 items of statistical data for each county and metropolitan area in the United States. Washington, D. C., 1947. 431 p., maps. Price \$2.75 (Buckram).

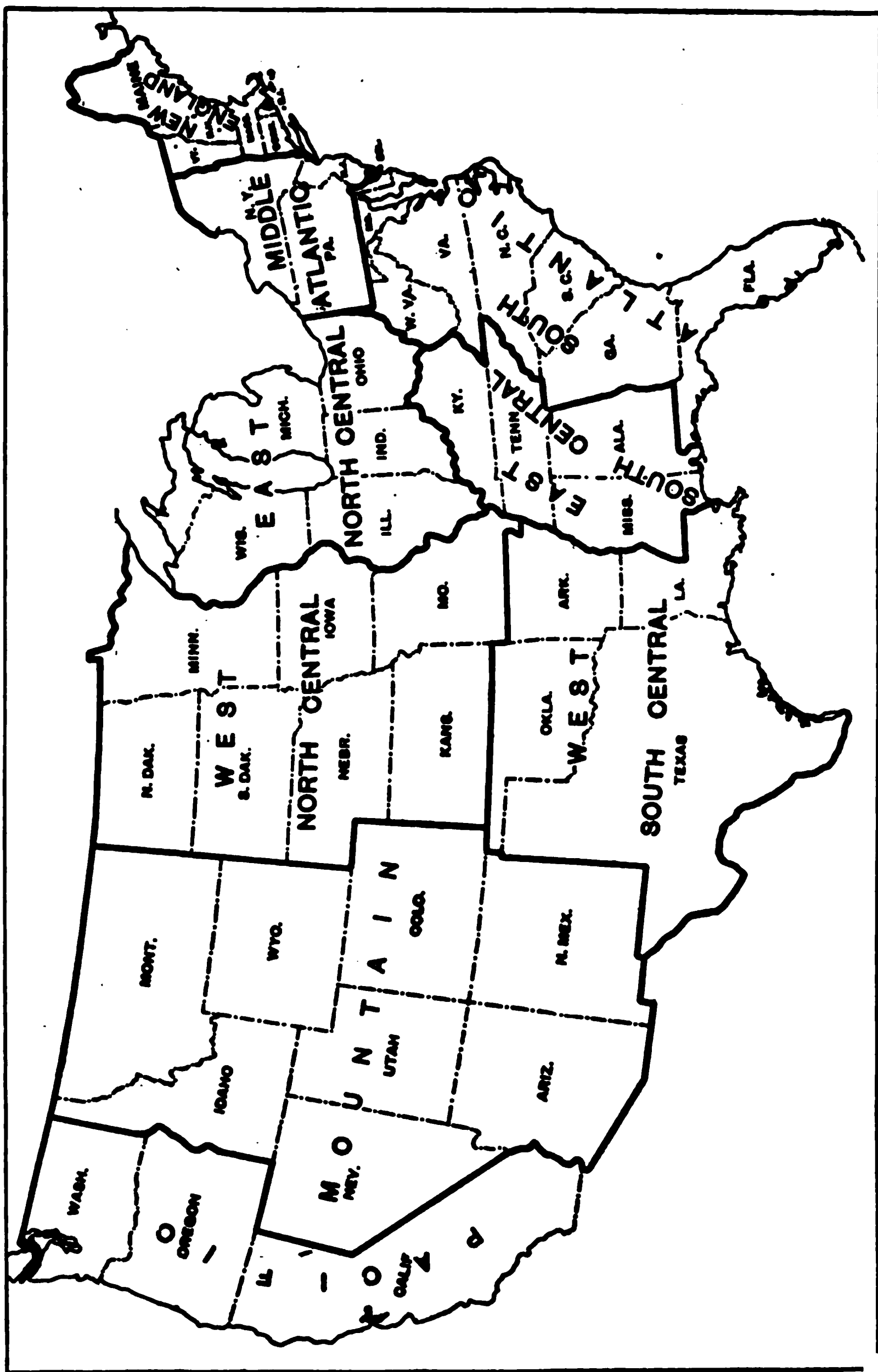
*Historical Statistics of the United States.* Contains 3,000 statistical time series, largely annual, extending back through time—to 1789 where possible. (In press.)

Purchase orders should be addressed to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

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## MAP

**FIGURE A.—MAP OF THE UNITED STATES, SHOWING CENSUS DIVISIONS**



# Statistical Department of Commerce. Bureau of the Census.



## 1. Area and Population

This section relates to the population of the United States, its distribution, and its characteristics. The principal source of these data is the Decennial Census of Population, a house-to-house enumeration made once every ten years beginning with 1790. The data shown here were selected chiefly from the Sixteenth Census (1940), and from special census releases and reports, with the object of giving as complete a description of the population of the United States as space permits. Whenever practicable, a historical series is given in order to show changes that have occurred over periods of time. Most of the data presented apply to continental United States, but some figures for Territories and possessions are included.

Related materials are presented in other sections of this volume. Data on household composition are included in this section, but statistics of marriage and divorce are presented in section 2, Vital Statistics; statistics on family income are given in section 11, Income and Expenditures; and Census data on employment and occupations are given in section 8, Labor Force. Data on the population in institutions as enumerated in 1940 are given in this section, but additional data on persons in mental institutions are given in section 2 and on prisoners in section 3, Crime and Criminals. Tables on nativity and citizenship are included in this section, but related data are included in section 4, Immigration, Emigration, and Naturalization.

**Population samples.**—The use of sampling methods in the Sixteenth Census permitted the collection of statistics on a larger number of inquiries than has heretofore been possible, the release of preliminary population statistics at an early date, and the tabulation of a great many social and economic characteristics of the population at a relatively low cost.

Certain tables in this section and in the related sections mentioned above are based on tabulations of samples of the population. Several samples were drawn and the figures shown were obtained by multiplying the sample results by a factor dependent on the sample size in each case. Sample B is a sample of all individuals from the 1940 Population Schedule; Sample C and Sample W are samples of individual women 15 years old and over from the 1940 and 1910 Population Schedules, respectively; Sample D, a sample of households from the 1940 Population Schedule; and Sample F, a sample of households based for some subjects on 1940 Population Schedule entries, and for other subjects on 1940 Housing Schedule entries. For Sample B, the sample size is 5 percent. Samples C, D, and F are 5 percent in most areas, but they include 2½ percent samples in the most populous areas. Sample W is an 8-percent sample for the North and the South, and about 12 percent for the West.

Exact agreement is not to be expected among the various samples, nor between them and the complete count, but the sample data may be used with confidence when large numbers are involved, and may be assumed to indicate patterns and relationships where small numbers are involved. Specifically, any number of the size of a million or over may be assumed to agree with a complete count within 1½ percent, though most numbers of this size will agree within ¾ of 1 percent. Any number of the size of 100,000 may be assumed to agree with a complete count within 4 percent, though most numbers of this size will agree within 2 percent. Most numbers as small as 10,000 will agree within 10 percent. The sampling errors in subtotals formed by addition of classes are covered by the same statements. More detailed statements regarding the sampling errors are given in the original sources.

For years since 1940, several of the tables present statistics that are based on the Current Population Survey, conducted monthly by the Bureau of the Census. This survey covers a representative sample of about 25,000 households taken in selected areas throughout the United States. A statement indicating the sampling reliability of estimates based on this sample is given in the Sampling Note, p. 175.

**Urban and rural areas.**—In the course of its history the Census has employed several definitions of urban population. The current definition was adopted in substantially its present form at the time of the 1910 census and was slightly modified at later censuses. In this edition, the urban-rural classification for all years is in accordance with the 1940 definition, as follows:

The *urban area* is made up for the most part of cities and other incorporated places having 2,500 inhabitants or more. In addition, it includes unincorporated political subdivisions with a population of 10,000 or more and a population density of 1,000 or more per square mile; and in the States of Massachusetts, Rhode Island, and New Hampshire, those towns (townships) which contain a village of 2,500 or more, comprising either by itself or when combined with other villages within the same town, more than 50 percent of the total population of the town.

The remainder of the population is classified as *rural* and is subdivided into the *rural-farm population*, which comprises all rural residents living on farms, without regard to occupation, and the *rural-nonfarm population*, which comprises the remaining rural population.

For the years after 1940, the urban-rural population figures reflect the classification of areas as urban and rural in 1940. Thus, the urban total for 1946 represents the population living, in 1946, in areas which were classified as urban in 1940; it does not represent the total which would have been classified as urban in 1946 if all areas had then been reclassified as urban or rural on the basis of their 1946 population.

**Households.**—A "household," according to present usage of the Census Bureau, comprises all persons who occupy a dwelling unit, that is, a house, an apartment or other group of rooms, or a room that constitutes "separate living quarters." A household includes the "related persons" (the head of the household and others in the dwelling unit who are related to the head) and also the lodgers, servants, or hired hands, if any, who regularly live in the house. The number of "households," thus defined, is the same as the number of "private households" or "families" as the latter two terms were used in the 1940 census reports.

The term "household," as used here, excludes the small number (about 80,000 in 1940) of institutions, hotels, large lodging houses, and other quasi households which are included as households in the census reports (and in figures shown in this edition for 1920, 1910, 1890, and earlier years. The figures for 1900 and for 1930 and subsequent years, shown in this edition, are in conformance with the present usage of the term "household" as defined above.

# **No. 1.—TERRITORIAL EXPANSION OF CONTINENTAL UNITED STATES AND ACQUISITIONS OF TERRITORIES AND POSSESSIONS**

[Boundaries of all territories listed under "Continental United States" were indefinite, at least in part, at time of acquisition. Area figures shown here represent precise determinations of specific territories which have been marked upon maps, based upon interpretations of the several treaties of cession which are necessarily debatable. These determinations were made by a committee consisting of representatives of various governmental agencies in 1912. Adjustments have been made in the areas as remeasured in 1940.]

ACQUISITION	Date	Gross area (land and water) sq. mi.	ACQUISITION	Date	Gross area (land and water) sq. mi.
<b>Total (excludes P. I.)</b>		<b>3,319,444</b>	<b>Territories and possessions<sup>2</sup></b>		<b>597,257</b>
Continental United States		3,022,387	Alaska	1867	586,400
Territory in 1790 <sup>1</sup>		898,811	Hawaii <sup>3</sup>	1898	6,454
Louisiana Purchase	1803	827,192	Puerto Rico	1898	3,435
By treaty with Spain:			Guam	1898	206
Florida	1819	58,560	American Samoa	1900	76
Other areas	1819	13,443	Panama Canal Zone	1904	553
Texas	1845	390,144	Virgin Islands of the U. S.	1917	133
Oregon	1846	285,680			
Mexican Cession	1848	520,017			
Gadsden Purchase	1853	29,640			

<sup>1</sup> Includes that part of drainage basin of Red River of the North, south of 49th parallel, sometimes considered part of Louisiana Purchase.

<sup>2</sup> The Philippine Islands (area 115,000 square miles), ceded by Spain in 1898, constituted a territorial possession of United States from 1898 to 1946; granted independence as of July 4, 1946 when they became "Republic of the Philippines."

<sup>3</sup> Includes Howland, Baker, Jarvis, Midway, Kure or Ocean, Wake, Canton and Enderbury (in Phoenix group), and certain other small islands. Canton and Enderbury are under joint use and control of United States and Great Britain.

Source: Department of Commerce, Bureau of the Census.

## **No. 2.—AREA, BY STATES: 1940**

DIVISION AND STATE	AREA (SQUARE MILES)			DIVISION AND STATE	AREA (SQUARE MILES)		
	Gross	Land <sup>1</sup>	Inland water <sup>2</sup>		Gross	Land <sup>1</sup>	Inland water <sup>2</sup>
<b>United States</b>	<b>3,022,387</b>	<b>2,977,128</b>	<b>45,259</b>	<b>South Atlantic—Con.</b>			
New England	66,608	63,206	3,402	Virginia	40,815	39,800	916
Maine	33,215	31,040	2,175	West Virginia	24,181	24,090	91
New Hampshire	9,304	9,024	280	North Carolina	52,712	49,142	3,570
Vermont	9,609	9,278	331	South Carolina	31,055	30,594	461
Massachusetts	8,257	7,907	350	Georgia	58,876	58,518	358
Rhode Island	1,214	1,058	156	Florida	58,560	54,262	4,298
Connecticut	5,009	4,809	110	<b>East South Central</b>	<b>181,968</b>	<b>180,568</b>	<b>1,399</b>
Middle Atlantic	102,748	100,496	2,249	Kentucky	40,395	40,109	286
New York	49,576	47,929	1,647	Tennessee	42,246	41,961	285
New Jersey	7,836	7,522	314	Alabama	51,609	51,078	531
Pennsylvania	45,333	45,045	288	Mississippi	47,716	47,420	296
<b>East North Central</b>	<b>248,283</b>	<b>245,011</b>	<b>3,272</b>	<b>West South Central</b>	<b>438,888</b>	<b>430,829</b>	<b>8,054</b>
Ohio	41,222	41,123	100	Arkansas	53,103	52,725	377
Indiana	36,291	36,206	86	Louisiana	48,522	45,177	3,346
Illinois	56,400	55,947	453	Oklahoma	69,919	69,283	636
Michigan	58,216	57,022	1,194	Texas	267,339	263,044	3,695
Wisconsin	56,154	54,715	1,439	<b>Mountain</b>	<b>863,887</b>	<b>857,836</b>	<b>6,051</b>
<b>West North Central</b>	<b>517,247</b>	<b>510,621</b>	<b>6,626</b>	Montana	147,138	146,316	822
Minnesota	84,068	80,009	4,059	Idaho	83,557	82,808	749
Iowa	56,250	55,986	264	Wyoming	97,914	97,508	406
Missouri	69,674	69,270	404	Colorado	104,247	103,987	260
North Dakota	70,605	70,054	551	New Mexico	121,666	121,511	155
South Dakota	77,047	76,536	511	Arizona	113,909	113,580	329
Nebraska	77,237	76,653	584	Utah	84,916	82,346	2,570
Kansas	82,276	82,113	163	Nevada	110,540	109,802	738
<b>South Atlantic</b>	<b>278,902</b>	<b>268,431</b>	<b>10,471</b>	<b>Pacific</b>	<b>323,846</b>	<b>320,130</b>	<b>3,716</b>
Delaware	2,057	1,978	79	Washington	68,192	66,977	1,215
Maryland	10,677	9,887	690	Oregon	96,981	96,350	631
Dist. of Columbia	69	61	8	California	158,693	156,803	1,890

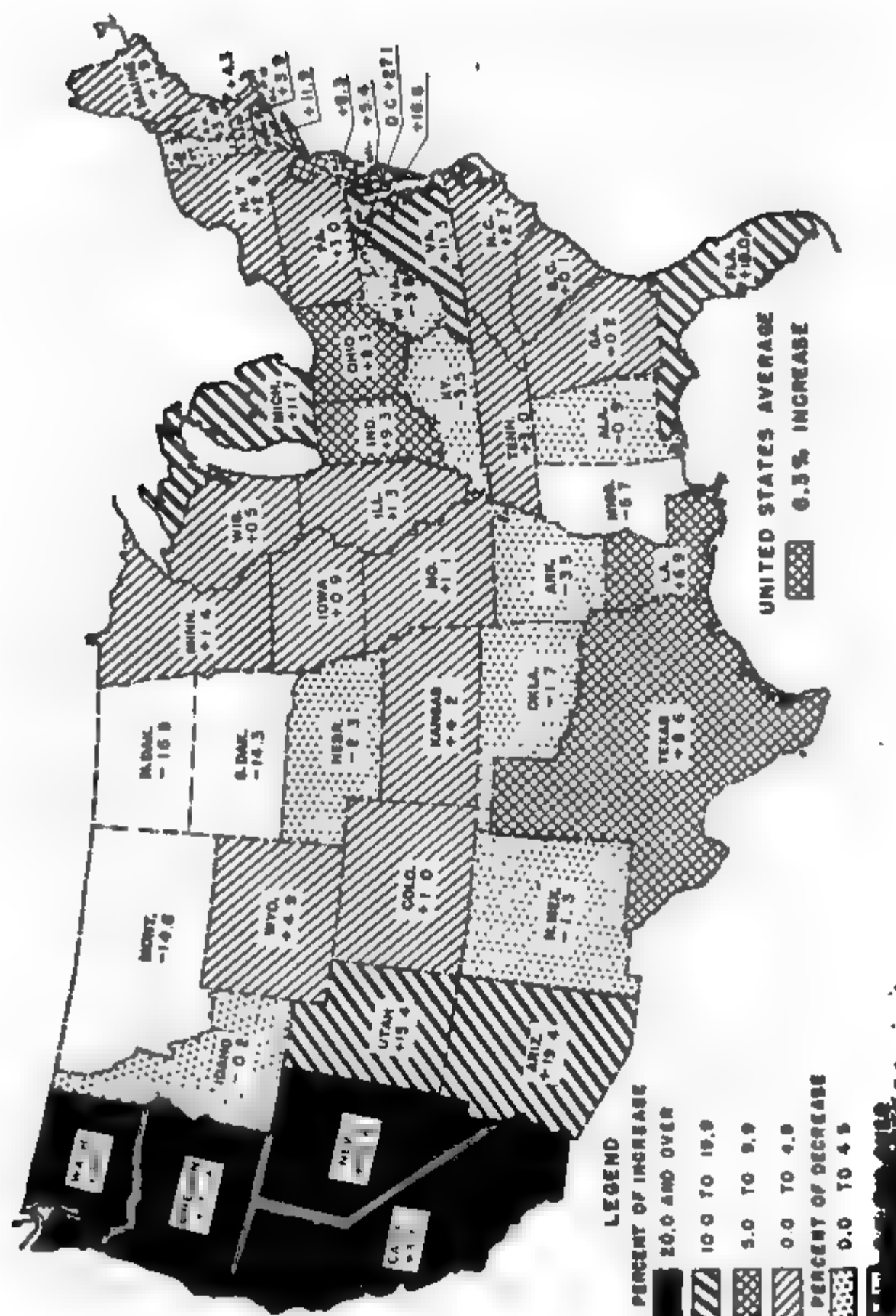
<sup>1</sup> Dry land and land temporarily or partially covered by water, such as marshland, swamps, and river flood plains, streams, sloughs, estuaries, and canals less than one-eighth of a statute mile in width, and lakes, reservoirs, and ponds less than 40 acres of area.

<sup>2</sup> Permanent inland water surface, such as lakes, reservoirs, and ponds having 40 acres or more of area, streams, sloughs, estuaries, and canals one-eighth of a statute mile or more in width; deeply indented embayments and sounds, and other coastal waters behind or sheltered by headlands or islands separated by less than 1 nautical mile of water; and islands having less than 40 acres of area. Does not include water surface of the oceans, bays, the Gulf of Mexico, the Great Lakes, Long Island Sound, Puget Sound, and the Straits of Juan de Fuca and Georgia, lying within the jurisdiction of the United States but not defined as inland water.

Source: Department of Commerce, Bureau of the Census; Reports of Sixteenth Census, Areas of the United States, 1940.

FIGURE B.—POPULATION CHANGE FOR STATES: 1940 TO 1946

[See table of





**No. 3.—AREA AND POPULATION OF CONTINENTAL UNITED STATES, TERRITORIES, AND POSSESSIONS: 1930 AND 1940**

AREA	Land area in square miles, 1940	POPULATION				
		Number		Per square mile of land area		Percent increase
		1930	1940	1930	1940	
United States, with Territories and possessions.....	3, 673, 660	138, 439, 069	150, 621, 231	37. 7	41. 0	8. 8
Continental United States.....	2, 977, 128	122, 775, 046	131, 669, 275	41. 2	44. 2	7. 2
Territories and possessions, excluding Philippine Islands.....	581, 702	2, 061, 570	2, 477, 023	3. 5	4. 3	20. 2
Alaska Territory.....	571, 065	<sup>1</sup> 59, 278	<sup>1</sup> 72, 524	. 1	. 1	22. 3
American Samoa.....	76	10, 055	12, 908	132. 3	169. 8	28. 4
Guam.....	203	18, 509	22, 290	91. 2	109. 8	20. 4
Hawaii Territory <sup>2</sup> .....	6, 441	368, 336	423, 330	57. 2	65. 7	14. 9
Panama Canal Zone.....	362	39, 467	51, 827	109. 0	143. 2	31. 3
Puerto Rico.....	3, 423	1, 543, 913	1, 869, 255	451. 0	546. 1	21. 1
Virgin Islands.....	132	22, 012	24, 889	166. 8	188. 6	13. 1
Philippine Islands <sup>3</sup> .....	114, 830	<sup>4</sup> 13, 513, 000	<sup>4</sup> 16, 356, 000	117. 7	142. 4	21. 0
Military and naval, etc., services abroad.....		89, 453	118, 933			33. 0
Statistical Customs Area—Continental United States, Alaska, Hawaii, and Puerto Rico....	3, 558, 057	124, 746, 573	134, 034, 384	35. 1	37. 7	7. 4

<sup>1</sup> Census taken as of Oct. 1 of preceding year.

<sup>2</sup> Includes outlying islands. See note 3, table 1.

<sup>3</sup> See note 2, table 1.

<sup>4</sup> Estimate derived by linear interpolation from census figures for Dec. 31, 1918 (10,314,310), and Jan. 1, 1939 (16,000,303).

<sup>5</sup> Estimate derived by linear extrapolation from census figures for 1918 and 1939.

Source: Department of Commerce, Bureau of the Census; Reports of Sixteenth Census, Population, Vol. I. See also Sixteenth Census Report, Areas of the United States, 1940.

**No. 4.—AREA AND POPULATION OF CONTINENTAL UNITED STATES: 1790 TO 1940**

CENSUS DATE	AREA (SQUARE MILES) <sup>1</sup>			POPULATION			
	Gross	Land	Water	Number	Per square mile of land area	Increase over preceding census	
						Number	Percent
1790 (Aug. 2).....	892, 135	867, 980	24, 155	3, 929, 214	4. 5		
1800 (Aug. 4).....	892, 135	867, 980	24, 155	5, 308, 483	6. 1	1, 379, 269	35. 1
1810 (Aug. 6).....	1, 720, 122	1, 685, 865	34, 257	7, 239, 881	4. 3	1, 931, 398	36. 4
1820 (Aug. 7).....	1, 792, 223	1, 753, 588	38, 635	9, 638, 453	5. 5	2, 398, 572	33. 1
1830 (June 1).....	1, 792, 223	1, 753, 588	38, 635	12, 866, 020	7. 3	3, 227, 567	33. 5
1840 (June 1).....	1, 792, 223	1, 753, 588	38, 635	17, 069, 453	9. 7	4, 203, 433	32. 7
1850 (June 1).....	2, 997, 119	2, 944, 337	52, 782	23, 191, 876	7. 9	6, 122, 423	35. 9
1860 (June 1).....	3, 026, 789	2, 973, 965	52, 824	31, 443, 321	10. 6	8, 251, 445	35. 6
1870 (June 1).....	3, 026, 789	2, 973, 965	52, 824	<sup>2</sup> 39, 818, 449	<sup>2</sup> 13. 4	8, 375, 128	26. 6
1880 (June 1).....	3, 026, 789	2, 973, 965	52, 824	50, 155, 783	16. 9	10, 337, 334	26. 0
1890 (June 1).....	3, 026, 789	2, 973, 965	52, 824	62, 947, 714	21. 2	12, 791, 931	25. 5
1900 (June 1).....	3, 026, 789	2, 974, 159	52, 630	75, 994, 575	25. 6	13, 046, 861	20. 7
1910 (Apr. 15).....	3, 026, 789	2, 973, 890	52, 899	91, 972, 266	30. 9	15, 977, 691	21. 0
1920 (Jan. 1).....	3, 026, 789	2, 973, 776	53, 013	105, 710, 620	35. 5	13, 738, 354	14. 9
1930 (Apr. 1) <sup>3</sup> .....	3, 022, 387	2, 977, 128	45, 259	122, 775, 046	41. 2	17, 064, 426	16. 1
1940 (Apr. 1).....	3, 022, 387	2, 977, 128	45, 259	131, 669, 275	44. 2	8, 894, 229	7. 2

<sup>1</sup> Area figures for each census year represent all continental area under jurisdiction of United States on indicated date, including in some cases considerable areas not then organized or settled, and not covered by the census.

<sup>2</sup> Revised to include adjustments for under enumeration in Southern States; unrevised number is 38,558,371.

<sup>3</sup> Change in area due to remeasurement for Census of 1940.

Source: Department of Commerce, Bureau of the Census; Reports of Fourteenth, Fifteenth, and Sixteenth Censuses, Population, Vol. I. See also Sixteenth Census Report, Areas of the United States, 1940.

	DIVISION AND STATE	POPULATION							
		1790	1800	1810	1820	1830	1840	1850	1860
1	United States.....	3,929,214	5,308,483	7,239,881	9,638,453	12,868,020	17,069,483	23,191,876	31,443,321
2	New England.....	1,009,468	1,233,011	1,471,973	1,660,071	1,954,717	2,234,822	2,728,116	3,135,283
3	Maine.....	96,540	151,719	228,705	296,335	399,455	501,793	683,169	828,279
4	New Hampshire.....	141,885	183,858	214,460	244,181	269,328	284,574	317,976	326,073
5	Vermont.....	85,426	154,465	217,895	235,981	280,652	291,948	314,120	318,098
6	Massachusetts.....	278,787	422,845	472,040	523,287	610,408	737,699	994,614	1,231,066
7	Rhode Island.....	68,825	69,122	76,931	83,689	97,199	106,630	147,545	174,620
8	Connecticut.....	237,946	251,002	261,942	275,248	297,675	309,978	370,792	460,147
9	Middle Atlantic.....	968,632	1,462,865	2,014,702	2,699,845	3,587,664	4,526,260	5,898,735	7,458,965
10	New York.....	340,120	589,061	959,049	1,372,812	1,915,608	2,428,921	3,007,364	3,880,735
11	New Jersey.....	184,139	211,149	245,662	277,575	320,823	373,306	489,556	672,035
12	Pennsylvania.....	424,373	602,365	810,091	1,049,458	1,348,233	1,724,033	2,311,786	2,906,215
13	East North Central.....		51,006	272,824	792,719	1,470,019	2,924,728	4,623,260	6,926,884
14	Ohio.....		45,366	230,760	581,434	937,908	1,519,467	1,960,329	2,339,511
15	Indiana.....		5,641	24,629	147,178	343,031	685,866	988,416	1,350,428
16	Illinois.....			12,282	55,211	167,445	478,183	851,470	1,711,951
17	Michigan.....			4,762	8,896	31,689	212,267	397,654	749,113
18	Wisconsin.....						30,945	305,391	775,691
19	West North Central.....			19,783	66,586	146,455	426,814	886,235	2,169,823
20	Minnesota.....							6,077	172,023
21	Iowa.....						48,112	192,214	674,913
22	Missouri.....			19,783	66,586	146,455	383,703	682,044	1,182,012
23	North Dakota.....								(4)
24	South Dakota.....								4,837
25	Nebraska.....								28,841
26	Kansas.....								107,206
27	South Atlantic.....	1,851,806	2,284,494	2,674,891	3,051,063	3,445,762	3,925,299	4,679,090	5,364,703
28	Delaware.....	89,096	64,273	72,874	72,749	76,748	78,065	91,532	112,216
29	Maryland.....	319,728	341,548	380,546	407,350	447,040	470,019	583,034	687,049
30	Dist. of Columbia.....		14,068	24,023	33,039	39,824	43,712	61,687	75,080
31	Virginia.....	747,610	880,200	974,600	1,065,366	1,211,405	1,239,797	1,421,661	1,590,318
32	West Virginia.....								
33	North Carolina.....	393,751	478,103	555,500	638,829	737,087	753,419	860,039	992,622
34	South Carolina.....	249,073	345,591	415,115	502,741	581,185	694,368	698,507	703,708
35	Georgia.....	82,548	162,686	252,433	340,989	516,923	691,362	906,185	1,057,266
36	Florida.....					34,730	54,477	87,445	140,424
37	East South Central.....	109,868	235,407	708,590	1,190,489	1,615,969	2,575,445	3,263,271	4,020,391
38	Kentucky.....	73,677	220,955	406,511	564,317	687,917	779,828	982,405	1,153,684
39	Tennessee.....	35,691	105,602	261,727	422,823	661,904	829,210	1,002,717	1,109,801
40	Alabama.....				127,901	309,527	590,756	771,623	964,301
41	Mississippi.....		8,550	40,252	75,448	136,621	375,651	606,526	791,305
42	West South Central.....			77,816	167,689	246,127	449,863	946,251	1,747,667
43	Arkansas.....			1,062	14,273	30,388	97,574	209,897	435,450
44	Louisiana.....			76,526	153,407	215,789	352,411	617,762	708,008
45	Oklahoma.....								
46	Texas.....							212,662	604,216
47	Mountain.....							72,937	174,925
48	Montana.....								
49	Idaho.....								
50	Wyoming.....								
51	Colorado.....								84,277
52	New Mexico.....							61,547	93,516
53	Arizona.....								
54	Utah.....							11,380	40,273
55	Nevada.....								6,557
56	Pacific.....							105,891	444,095
57	Washington.....								11,894
58	Oregon.....							13,294	52,481
59	California.....							92,597	379,091

<sup>1</sup> Includes persons (5,318 in 1830 and 6,100 in 1840) on public ships in service of the United States, not credited any division or State.

<sup>2</sup> Revised; unrevised figure is 33,538,371. Census of Southern States considered incomplete but there has been no revision of State figures, hence State figures do not add to total shown here.

<sup>3</sup> Includes 225,464, population of Indian Territory and Indian reservations, specially enumerated.

## GEOGRAPHIC DISTRIBUTION

7

STATES: 1790 TO 1940

POPULATION—continued								PERCENT INCREASE OR DECREASE (—)		
1870	1880	1890	1900	1910	1920	1930	1940	1920-1930	1930-1940	
38,818,449	50,155,783	62,947,714	75,994,878	91,972,266	106,710,629	122,775,046	131,609,278	16.1	7.2	1
2,487,324	4,010,823	4,700,749	5,592,017	6,552,861	7,400,309	8,165,841	8,437,290	10.3	3.3	2
626,915	648,936	661,088	694,466	742,371	768,014	797,423	847,220	3.8	6.2	3
318,300	346,991	376,530	411,588	430,572	443,083	466,293	491,524	5.0	5.6	4
330,551	332,286	332,422	343,641	355,866	352,428	380,611	—	2.0	—	5
1,457,351	1,783,085	2,238,947	2,908,346	3,368,416	—	4,249,614	4,316,721	10.3	1.6	6
217,353	276,521	346,506	428,586	542,610	604,397	687,497	713,346	12.7	3.8	7
537,454	622,700	746,258	908,420	1,114,756	1,380,631	1,606,908	1,709,342	16.4	6.4	8
8,816,806	10,494,878	12,704,220	15,454,678	19,316,792	22,261,144	26,260,780	27,539,497	18.9	4.9	9
4,392,759	5,082,871	6,008,174	7,268,894	9,143,614	10,385,227	12,688,066	13,479,142	21.3	7.1	10
806,096	1,131,116	1,444,933	1,833,669	2,537,187	3,155,900	4,041,324	4,160,165	28.1	2.9	11
3,521,951	4,282,891	5,258,113	6,302,115	7,665,111	8,720,017	9,631,350	9,900,180	10.5	2.8	12
9,124,517	11,294,648	13,478,308	15,965,581	18,250,621	21,475,543	25,297,166	26,626,842	17.6	5.3	13
2,056,260	3,198,062	3,672,329	4,157,546	4,767,121	5,759,394	6,646,697	6,907,612	15.4	3.9	14
1,680,637	1,978,301	2,192,404	2,516,462	2,700,876	2,930,390	3,238,503	3,427,796	10.5	5.8	15
2,536,891	3,077,871	3,826,352	4,821,550	5,638,591	6,485,260	7,630,654	7,897,241	17.7	3.5	16
1,184,059	1,636,937	2,093,890	2,420,982	2,810,173	3,866,412	4,842,325	5,256,109	22.0	8.5	17
1,064,670	1,815,497	1,603,330	2,060,042	2,333,809	2,632,067	2,939,006	3,137,567	11.7	6.8	18
3,954,684	6,187,443	8,932,112	10,347,433	11,637,921	12,844,249	13,296,915	13,516,990	6.6	1.7	19
439,706	780,773	1,310,283	1,751,394	2,075,708	2,387,125	2,563,953	2,792,300	7.4	8.9	20
1,194,020	1,624,618	1,912,397	2,231,853	2,224,771	2,404,021	2,470,939	2,538,268	2.6	2.7	21
1,721,296	2,168,380	2,679,186	3,106,665	3,293,336	3,404,055	3,629,367	3,784,664	6.6	4.3	22
2,406	36,909	190,083	319,146	577,056	846,872	680,846	641,935	5.3	—5.7	23
11,776	26,298	348,600	401,570	583,666	636,547	692,849	642,961	8.6	—7.2	24
122,993	452,402	1,062,658	1,068,300	1,192,214	1,296,372	1,377,963	1,315,834	6.3	—4.5	25
364,399	996,096	1,428,108	1,470,495	1,690,949	1,760,257	1,890,999	1,801,026	—	—4.3	26
5,653,619	7,597,197	8,867,322	10,443,480	12,194,896	13,990,272	15,794,589	17,823,151	12.9	12.9	27
125,015	146,608	168,493	184,735	202,322	223,003	—	266,506	6.9	11.8	28
780,804	934,943	1,042,390	1,188,044	1,295,346	1,449,661	1,631,626	1,821,244	12.5	11.6	29
131,700	177,624	230,392	276,718	331,069	437,571	486,869	663,091	11.3	36.2	30
1,225,163	1,512,565	1,665,980	1,854,184	2,061,612	2,309,187	2,421,851	2,677,773	4.9	10.6	31
442,014	618,467	762,794	958,800	1,221,119	1,463,701	1,729,205	1,901,974	18.1	10.0	32
1,071,361	1,299,750	1,617,949	1,893,810	2,206,287	2,559,123	3,170,276	3,571,623	23.9	12.7	33
706,606	995,577	1,161,149	1,340,316	1,515,400	1,693,724	1,738,765	1,899,904	3.3	9.3	34
1,184,109	1,542,190	1,837,353	2,216,331	2,609,121	2,895,832	2,908,506	3,123,723	4	7.4	35
187,748	269,493	391,422	528,542	752,619	968,470	1,468,211	1,897,414	51.6	29.2	36
4,464,445	5,585,151	6,429,154	7,547,757	8,469,901	8,893,307	9,887,214	10,778,228	11.2	9.0	37
1,321,011	1,648,690	1,858,635	2,147,174	2,289,905	2,416,630	2,614,589	2,845,627	8.2	8.8	38
1,258,520	1,542,359	1,767,518	2,020,616	2,184,789	2,337,885	2,616,556	2,915,841	11.9	11.4	39
996,992	1,262,506	1,513,401	1,828,697	2,138,093	2,348,174	2,646,248	2,832,961	12.7	7.1	40
627,922	1,131,597	1,280,600	1,551,270	1,797,114	1,790,618	2,009,821	2,183,796	12.2	8.7	41
2,629,968	3,324,220	4,740,963	6,532,290	8,784,534	10,242,224	12,176,830	13,064,525	18.9	7.3	42
494,471	802,525	1,128,211	1,311,564	1,574,449	1,752,304	1,854,482	1,949,387	5.8	5.1	43
726,915	939,946	1,118,588	1,381,625	1,666,388	1,798,509	2,101,593	2,363,880	16.9	12.5	44
—	—	258,657	790,391	1,657,155	2,028,283	2,396,040	2,336,434	18.1	—2.5	45
818,579	1,591,749	2,235,627	3,048,710	3,896,542	4,663,228	5,824,716	6,414,824	24.9	10.1	46
315,265	663,119	1,213,935	1,674,657	2,533,517	3,336,101	3,701,789	4,158,003	11.8	12.1	47
20,895	29,169	142,924	243,329	376,083	548,689	537,606	559,456	—2.1	4.1	48
14,999	32,610	88,548	161,772	325,694	481,866	445,032	524,873	3.0	17.9	49
9,118	20,789	62,555	92,531	145,965	194,402	225,565	250,742	16.0	11.2	50
29,864	194,327	413,249	639,700	799,024	939,629	1,035,791	1,123,296	10.2	8.4	51
81,874	119,565	160,282	195,310	327,391	390,350	423,317	531,818	17.6	26.6	52
9,658	48,440	88,243	122,931	204,354	334,162	435,573	499,261	30.3	14.6	53
86,786	143,963	210,779	276,749	373,331	449,396	507,847	550,310	12.0	8.4	54
42,491	62,266	47,355	42,336	81,675	77,407	91,068	110,247	17.6	21.1	55
678,125	1,114,879	1,888,334	2,416,692	4,192,304	5,546,871	8,194,433	9,733,262	47.2	18.8	56
28,955	75,116	367,232	518,103	1,141,060	1,356,621	1,563,396	1,736,191	15.2	11.1	57
90,923	174,768	317,704	413,536	672,766	783,389	953,786	1,099,095	21.8	14.2	58
500,247	864,094	1,213,398	1,485,033	2,377,549	3,426,861	5,677,251	6,907,387	65.7	21.7	59

\* Figure for 1880 for South Dakota represents entire Dakota Territory. Figures for 1870 and 1880 for North Dakota and South Dakota are for the parts of Dakota Territory which later constituted the respective States.

\* Area now constituting West Virginia formed part of Virginia in 1860 and prior years.

\* Includes population of Indian Territory, as follows: 1880, 180,182; 1900, 392,060.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. I.

## No. 6.—POPULATION PER SQUARE MILE, BY STATES: 1800 TO 1940

[For United States, population of continental U. S. has been divided by total land area. For each State or Territory, population at given census has been divided by land area as then constituted. However, 1930 figures are based on revised land areas used for 1940. Areas of Indian reservations, outside Indian Territory, are included in areas of States and Territories for all years; however, populations of reservations were not ascertained and therefore were not taken into account in computing densities prior to 1890]

DIVISION AND STATE	1800	1860	1870	1880	1890	1900	1910	1920	1930 <sup>1</sup>	1940
United States.....	6.1	10.6	13.4	16.9	21.2	25.6	30.9	35.5	41.2	44.2
New England.....	19.9	50.6	56.3	64.7	75.8	90.2	105.7	119.4	129.2	133.5
Maine.....	5.1	21.0	21.0	21.7	22.1	23.2	24.8	25.7	25.7	27.3
New Hampshire.....	20.4	36.1	35.2	38.4	41.7	45.6	47.7	49.1	51.6	54.5
Vermont.....	16.9	34.5	36.2	36.4	36.4	37.7	39.0	38.6	38.8	38.7
Massachusetts.....	52.6	153.1	181.3	221.8	278.5	349.0	418.8	479.2	537.4	545.9
Rhode Island.....	64.8	163.7	203.7	259.2	323.8	401.6	508.5	566.4	649.8	674.2
Connecticut.....	52.1	95.5	111.5	129.2	154.8	188.5	231.3	286.4	328.0	348.9
Middle Atlantic.....	14.0	74.6	83.1	105.0	127.1	154.5	193.2	222.6	261.3	274.0
New York.....	12.4	81.4	92.0	106.7	126.0	152.5	191.2	217.9	262.6	281.2
New Jersey.....	28.1	89.4	120.6	150.5	192.3	250.7	337.7	420.0	537.3	553.1
Pennsylvania.....	13.4	64.8	78.6	95.5	117.3	140.6	171.0	194.5	213.8	219.8
East North Central.....	.2	28.2	37.2	45.7	54.9	65.2	74.3	87.5	103.2	108.7
Ohio.....	1.1	57.4	65.4	78.5	90.1	102.1	117.0	141.4	161.6	168.0
Indiana.....	( <sup>2</sup> )	37.6	46.8	55.1	61.1	70.1	74.9	81.3	89.4	94.7
Illinois.....		30.6	45.4	55.0	68.3	86.1	100.6	115.7	136.4	141.2
Michigan.....		13.0	20.6	28.5	36.4	42.1	48.9	63.8	84.9	92.2
Wisconsin.....		14.0	19.1	23.8	30.6	37.4	42.2	47.6	53.7	57.3
West North Central.....		3.0	7.6	12.1	17.5	20.3	22.8	24.6	26.0	26.5
Minnesota.....		2.1	5.4	9.7	16.2	21.7	25.7	29.5	32.0	34.9
Iowa.....		12.1	21.5	29.2	34.4	40.2	40.0	43.2	44.1	45.3
Missouri.....		17.2	25.0	31.6	39.0	45.2	47.9	49.5	52.4	54.6
North Dakota.....		( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	2.7	4.5	8.2	9.2	9.7	9.2
South Dakota.....		( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	4.5	5.2	7.6	8.3	9.1	8.4
Nebraska.....		.2	1.6	5.9	13.8	13.9	15.5	16.9	18.0	17.2
Kansas.....		1.3	4.5	12.2	17.5	18.0	20.7	21.6	22.9	21.9
South Atlantic.....	8.6	19.9	21.8	28.2	32.9	38.8	45.3	52.0	58.8	66.4
Delaware.....	32.7	57.1	63.6	74.6	85.7	94.0	103.0	113.5	120.5	134.7
Maryland.....	34.4	69.1	78.6	94.0	104.9	119.5	130.3	145.8	165.0	184.2
Dist. of Columbia.....	156.6	1,294.5	2,270.7	3,062.5	3,972.3	4,645.3	5,517.8	7,292.9	7,981.5	10,870.3
Virginia.....	13.7	24.8	30.4	37.6	41.1	46.1	51.2	57.4	60.7	67.1
West Virginia.....			18.4	25.7	31.8	39.9	50.8	60.9	71.8	79.0
North Carolina.....	9.8	20.4	22.0	28.7	33.2	38.9	45.3	52.5	64.5	72.7
South Carolina.....	11.3	23.1	23.1	32.6	37.7	44.0	49.7	55.2	56.8	62.1
Georgia.....	1.5	18.0	20.2	26.3	31.3	37.7	44.4	49.3	49.7	53.4
Florida.....		2.6	3.4	4.9	7.1	9.6	13.7	17.7	27.1	35.0
East South Central.....	2.9	22.4	24.5	31.1	35.8	42.0	46.8	49.5	54.8	59.7
Kentucky.....	5.5	28.8	32.9	41.0	46.3	53.4	57.0	60.1	65.2	70.6
Tennessee.....	2.5	26.6	30.2	37.0	42.4	48.5	52.4	56.1	62.4	69.1
Alabama.....		18.8	19.4	24.6	29.5	35.7	41.7	45.8	51.8	55.1
Mississippi.....	.3	17.1	17.9	24.4	27.8	33.5	38.8	38.6	42.4	46.1
West South Central.....		4.9	5.6	9.3	11.0	15.2	20.4	23.8	28.3	30.1
Arkansas.....		8.3	9.2	15.3	21.5	25.0	30.0	33.4	35.2	37.1
Louisiana.....		15.6	16.0	20.7	24.6	30.4	36.5	39.6	46.5	52.1
Oklahoma.....					3.7	11.4	23.9	29.2	34.6	33.1
Texas.....		2.3	3.1	6.1	8.5	11.6	14.8	17.8	22.1	24.1
Mountain.....		.3	.4	.8	1.4	1.9	3.1	3.9	4.3	4.1
Montana.....			.1	.3	1.0	1.7	2.6	3.8	3.7	3.1
Idaho.....			.2	.4	1.1	1.9	3.9	5.2	5.4	6.1
Wyoming.....			.1	.2	.6	.9	1.5	2.0	2.3	2.1
Colorado.....		.3	.4	1.9	4.0	5.2	7.7	9.1	10.0	10.1
New Mexico.....		.4	.7	1.0	1.3	1.6	2.7	2.9	3.5	4.1
Arizona.....			.1	.4	.8	1.1	1.8	2.9	3.8	4.1
Utah.....		.3	1.1	1.8	2.6	3.4	4.5	5.5	6.2	6.1
Nevada.....		.1	.4	.6	.4	.4	.7	.7	.8	1.1
Pacific.....		1.0	2.1	3.5	5.9	7.6	13.2	17.5	25.6	30.1
Washington.....		.1	.4	1.1	5.3	7.8	17.1	20.3	23.3	25.1
Oregon.....		.5	1.0	1.8	3.3	4.3	7.0	8.2	9.9	11.1
California.....		2.4	3.6	5.5	7.8	9.5	15.3	22.0	36.2	44.1

<sup>1</sup> Based on 1940 land-area measurement.

<sup>2</sup> Revised. Census of Southern States considered incomplete, but there has been no revision of State figures.

<sup>3</sup> Less than one-tenth of 1 person per square mile.

<sup>4</sup> Dakota Territory: Less than one-tenth of 1 person per square mile in 1800, 0.1 in 1870, and 0.9 in 1880.

<sup>5</sup> Oklahoma and Indian Territory combined. Separate data are as follows: Indian Territory 5.9 in 1890 and 12.7 in 1900; Oklahoma, 2.0 in 1890 and 10.3 in 1900.

Source: Department of Commerce, Bureau of the Census; Reports of Fourteenth and Sixteenth Census Population, Vol. I.

No. 7.—ESTIMATED POPULATION ON JULY 1, FOR CONTINENTAL UNITED STATES, 1850 TO 1947, AND FOR ALASKA, HAWAII, AND PUERTO RICO, 1916 TO 1945

[Estimates, except those for continental United States, 1900 to 1947, for Hawaii, 1930 to 1945, and for Puerto Rico, 1940 to 1945, are based on interpolation or extrapolation of census figures. Estimates for continental United States, 1900 to 1999, are sums of State estimates based on available local data indicative of population change. Estimates for continental United States, 1910 to 1947, for Hawaii, 1930 to 1945, and for Puerto Rico, 1940 to 1945, are based on births, deaths, emigration, and immigration. Figures for 1917 to 1919 and 1940 to 1947 include residents of the areas serving in the armed forces]

YEAR	Continen- tal U. S.	YEAR	Continen- tal U. S.	YEAR	Continen- tal U. S.	Alaska	Hawaii	Puerto Rico
1850.....	23, 200, 638	1885.....	56, 658, 347	1916.....	101, 965, 984	58, 396	232, 836	1, 234, 268
1855.....	27, 386, 359	1886.....	57, 937, 540	1917.....	103, 413, 743	57, 436	239, 429	1, 252, 994
1856.....	28, 211, 504	1887.....	59, 216, 733	1918.....	104, 549, 886	56, 476	246, 022	1, 271, 720
1857.....	29, 036, 649	1888.....	60, 495, 927	1919.....	105, 062, 747	55, 516	252, 615	1, 290, 446
1858.....	29, 861, 794	1889.....	61, 775, 121	1920.....	106, 466, 420	55, 243	261, 396	1, 311, 717
1859.....	30, 686, 939	1890.....	63, 056, 438	1921.....	108, 541, 489	55, 656	272, 364	1, 335, 532
1860.....	31, 513, 114	1891.....	64, 361, 124	1922.....	110, 054, 778	56, 070	283, 382	1, 359, 347
1861.....	32, 350, 627	1892.....	65, 665, 810	1923.....	111, 949, 945	56, 484	294, 300	1, 383, 162
1862.....	33, 188, 139	1893.....	66, 970, 496	1924.....	114, 113, 463	56, 898	305, 268	1, 406, 977
1863.....	34, 026, 652	1894.....	68, 275, 182	1925.....	115, 831, 963	57, 312	316, 236	1, 430, 792
1864.....	34, 863, 165	1895.....	69, 579, 868	1926.....	117, 399, 225	57, 726	327, 204	1, 454, 607
1865.....	35, 700, 678	1896.....	70, 884, 554	1927.....	119, 038, 062	58, 140	338, 172	1, 478, 422
1866.....	36, 538, 191	1897.....	72, 189, 240	1928.....	120, 501, 115	58, 554	349, 140	1, 502, 237
1867.....	37, 375, 703	1898.....	73, 493, 926	1929.....	121, 769, 939	58, 968	360, 109	1, 526, 052
1868.....	38, 213, 216	1899.....	74, 798, 612	1930.....	123, 076, 741	60, 271	367, 880	1, 551, 838
1869.....	39, 050, 729	1900.....	76, 094, 134	1931.....	124, 039, 648	61, 596	377, 530	1, 583, 535
1870.....	39, 904, 593	1901.....	77, 585, 128	1932.....	124, 840, 471	62, 921	386, 013	1, 616, 233
1871.....	40, 938, 327	1902.....	79, 160, 196	1933.....	125, 578, 763	64, 245	383, 973	1, 646, 931
1872.....	41, 972, 060	1903.....	80, 632, 152	1934.....	126, 373, 773	65, 570	384, 331	1, 678, 629
1873.....	43, 005, 794	1904.....	82, 164, 974	1935.....	127, 250, 232	66, 894	389, 562	1, 710, 327
1874.....	44, 039, 527	1905.....	83, 819, 666	1936.....	128, 053, 189	68, 219	396, 072	1, 743, 150
1875.....	45, 073, 260	1906.....	85, 436, 556	1937.....	128, 824, 829	69, 544	400, 816	1, 776, 779
1876.....	46, 106, 994	1907.....	87, 000, 271	1938.....	129, 824, 939	70, 868	409, 960	1, 810, 406
1877.....	47, 140, 727	1908.....	88, 708, 976	1939.....	130, 879, 718	72, 193	415, 705	1, 844, 034
1878.....	48, 174, 461	1909.....	90, 491, 525	1940.....	131, 979, 224	73, 629	425, 737	1, 879, 741
1879.....	49, 208, 194	1910.....	92, 406, 536	1941.....	133, 202, 873	75, 129	437, 716	1, 915, 421
1880.....	50, 262, 382	1911.....	93, 867, 814	1942.....	134, 664, 924	76, 660	442, 421	1, 958, 332
1881.....	51, 541, 575	1912.....	95, 331, 300	1943.....	136, 497, 049	78, 222	443, 031	2, 003, 682
1882.....	52, 820, 768	1913.....	97, 226, 814	1944.....	138, 083, 449	79, 815	447, 714	2, 046, 519
1883.....	54, 099, 961	1914.....	99, 117, 567	1945.....	139, 585, 518	81, 441	458, 177	2, 087, 112
1884.....	55, 379, 154	1915.....	100, 549, 013	1946 (prel.)	141, 228, 693	(1)	(1)	(1)
				1947 (prel.)	144, 002, 000	(1)	(1)	(1)

<sup>1</sup> Not yet available.

Source: Department of Commerce, Bureau of the Census; reports and records on population estimates; 1940-47, Population—Special Reports, Series P-46, No. 9 and Current Population Reports, Series P-25, No. 3.

No. 8.—ESTIMATED POPULATION OF CONTINENTAL UNITED STATES, EXCLUDING ARMED FORCES OVERSEAS, AND ESTIMATED CIVILIAN POPULATION: JULY 1, 1917 TO 1919 AND 1940 TO 1947

YEAR	Estimated population excluding armed forces overseas	Estimated civilian population	YEAR	Estimated population excluding armed forces overseas	Estimated civilian population
1917.....	103, 265, 913	102, 795, 842	1942.....	133, 770, 500	130, 874, 910
1918.....	103, 202, 801	101, 487, 784	1943.....	133, 966, 319	127, 410, 357
1919.....	104, 512, 110	104, 158, 031	1944.....	132, 552, 005	126, 536, 174
			1945.....	132, 018, 525	127, 452, 048
1940.....	131, 954, 144	131, 659, 286	1946.....	139, 893, 406	138, 394, 474
1941.....	133, 060, 045	131, 557, 730	1947 (prel.)	143, 382, 000	142, 628, 000

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-25, No. 3, and reports and records.



## No. 9.—ESTIMATED POPULATION ON JULY 1, BY STATES: 1937 TO 1946

(Excludes members of armed forces overseas. Based on data from 1930 and 1940 Federal censuses, State censuses, school statistics, vital statistics, registrations for war ration books, immigration statistics, and data on armed forces. 1940 to 1946 data revised. For enumerated population, 1790 to 1940, see table 5, p. 6)

[In thousands]

DIVISION AND STATE	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946
<b>United States</b> .....	128,825	129,825	130,880	131,964	132,969	133,772	133,965	133,532	133,019	132,899
<b>New England</b> .....	8,446	8,437	8,438	8,427	8,438	8,438	8,268	82,08	8,241	8,890
Maine.....	842	843	846	847	844	828	802	797	801	863
New Hampshire.....	481	488	490	492	493	490	470	464	466	508
Vermont.....	356	356	358	360	353	343	343	314	326	351
Massachusetts <sup>1</sup> .....	4,368	4,358	4,347	4,309	4,334	4,290	4,201	4,130	4,166	4,504
Rhode Island <sup>1</sup> .....	694	694	701	711	707	714	733	760	735	742
Connecticut.....	1,678	1,684	1,696	1,708	1,717	1,778	1,757	1,744	1,747	1,912
<b>Middle Atlantic</b> .....	27,289	27,468	27,532	27,546	27,397	27,119	26,858	26,321	26,293	26,523
New York.....	13,511	13,512	13,523	13,460	13,353	13,193	12,921	12,816	12,839	12,823
New Jersey.....	4,088	4,100	4,129	4,154	4,166	4,168	4,149	4,135	4,112	4,507
Pennsylvania.....	9,790	9,832	9,901	9,981	9,877	9,758	9,517	9,371	9,352	10,202
<b>East North Central</b> .....	26,094	26,242	26,457	26,643	26,714	26,648	26,348	26,253	26,237	26,351
Ohio.....	6,809	6,837	6,886	6,906	6,898	6,878	6,753	6,839	6,873	7,481
Indiana.....	3,374	3,396	3,403	3,437	3,479	3,520	3,528	3,479	3,484	3,748
Illinois.....	7,857	7,866	7,890	7,892	7,884	7,890	7,871	7,801	7,821	8,000
Michigan <sup>1</sup> .....	4,908	4,909	4,916	4,978	4,932	4,934	4,885	4,881	4,826	51,870
Wisconsin.....	3,088	3,098	3,121	3,141	3,121	3,037	3,000	2,963	2,936	3,154
<b>West North Central</b> .....	13,545	13,493	13,503	13,528	13,482	13,329	13,090	12,742	12,697	13,467
Minnesota.....	2,746	2,753	2,771	2,800	2,789	2,737	2,646	2,612	2,626	2,830
Iowa.....	2,498	2,494	2,520	2,542	2,523	2,478	2,407	2,370	2,400	2,562
Missouri.....	3,794	3,781	3,783	3,797	3,841	3,899	3,789	3,658	3,600	3,827
North Dakota.....	656	647	644	638	616	580	535	510	510	536
South Dakota <sup>1</sup> .....	656	649	645	639	610	577	559	538	539	551
Nebraska.....	1,339	1,326	1,318	1,315	1,299	1,251	1,271	1,239	1,230	1,258
Kansas <sup>1</sup> .....	1,856	1,842	1,824	1,798	1,794	1,800	1,814	1,823	1,793	1,877
<b>South Atlantic</b> .....	16,961	17,264	17,598	17,919	18,518	18,962	19,645	18,896	18,520	18,994
Delaware.....	254	257	263	269	273	270	271	274	273	281
Maryland.....	1,754	1,756	1,793	1,835	1,809	1,978	1,993	1,999	1,979	2,123
District of Columbia.....	616	638	658	679	704	824	883	894	890	843
Virginia.....	2,690	2,689	2,670	2,731	2,803	3,002	2,972	3,053	2,935	3,090
West Virginia.....	1,813	1,828	1,868	1,913	1,912	1,890	1,777	1,717	1,696	1,830
North Carolina.....	3,385	3,440	3,514	3,584	3,670	3,667	3,690	3,601	3,514	3,698
South Carolina.....	1,802	1,834	1,872	1,894	1,965	2,006	1,967	1,948	1,909	1,902
Georgia.....	3,087	3,091	3,120	3,108	3,190	3,197	3,179	3,131	3,040	3,129
Florida <sup>1</sup> .....	1,706	1,771	1,836	1,914	2,032	2,139	2,313	2,279	2,294	2,238
<b>East South Central</b> .....	10,427	10,535	10,682	10,797	10,896	10,909	10,854	10,810	10,213	10,615
Kentucky.....	2,784	2,800	2,825	2,856	2,814	2,777	2,737	2,657	2,568	2,745
Tennessee.....	2,793	2,821	2,874	2,933	2,973	2,925	2,951	2,858	2,817	3,003
Alabama.....	2,762	2,787	2,814	2,825	2,826	2,815	2,814	2,746	2,696	2,809
Mississippi.....	2,090	2,127	2,168	2,183	2,283	2,293	2,352	2,349	2,131	2,060
<b>West South Central</b> .....	12,745	12,838	12,975	13,063	13,063	13,190	13,667	13,272	13,136	13,671
Arkansas.....	1,903	1,928	1,948	1,950	1,955	1,924	1,878	1,845	1,829	1,882
Louisiana.....	2,257	2,285	2,334	2,356	2,459	2,501	2,549	2,504	2,405	2,526
Oklahoma.....	2,334	2,324	2,333	2,321	2,090	2,074	2,286	2,075	2,196	2,297
Texas.....	6,250	6,301	6,360	6,426	6,589	6,690	6,956	6,847	6,708	6,989
<b>Mountain</b> .....	3,996	4,042	4,100	4,169	4,243	4,324	4,478	4,248	4,113	4,282
Montana.....	564	562	565	560	555	528	486	453	446	47
Idaho.....	507	513	521	529	521	528	535	559	522	53
Wyoming.....	243	245	248	255	268	279	272	262	252	26
Colorado.....	1,104	1,112	1,120	1,136	1,146	1,133	1,106	1,115	1,071	1,13
New Mexico.....	503	513	523	536	539	537	542	520	515	53
Arizona.....	453	466	484	506	532	595	660	596	570	59
Utah.....	529	535	543	553	569	590	643	596	597	63
Nevada.....	103	105	107	112	118	131	142	144	140	12
<b>Pacific</b> .....	9,357	9,420	9,550	9,835	10,236	10,942	11,869	12,103	12,559	13,11
Washington.....	1,681	1,696	1,715	1,752	1,819	1,920	2,030	2,100	2,175	2,22
Oregon.....	1,048	1,067	1,061	1,102	1,141	1,160	1,257	1,303	1,311	1,4
California.....	6,628	6,656	6,774	6,980	7,276	7,862	8,576	8,697	9,073	9,4

<sup>1</sup> 1937-39 estimates based partly on State census figures.

Source: Department of Commerce, Bureau of the Census; 1937-39 figures from Population—Special Report Series P-45, No. 4; 1940-46 from Current Population Reports, Series P-25.

No. 10.—POPULATION OF CITIES HAVING, IN 1940, OVER 50,000 INHABITANTS:  
1890 TO 1940

[Increase from census to census includes that due to annexation of territory as well as to direct growth]

CITY	1890	1900	1910	1920	1930	1940
Akron, Ohio.....	27,601	42,728	69,067	208,435	255,040	244,791
Albany, N. Y.....	94,923	94,151	100,253	113,344	127,412	130,577
Allentown, Pa.....	25,228	35,416	51,913	73,502	92,563	96,904
Altoona, Pa.....	30,337	38,973	52,127	66,331	82,054	80,214
Amarillo, Tex.....	482	1,442	9,957	15,494	43,132	51,686
Asheville, N. C.....	10,235	14,694	18,762	28,504	50,193	51,310
Atlanta, Ga.....	65,533	89,872	154,839	200,616	270,366	302,288
Atlantic City, N. J.....	13,055	27,838	46,150	50,707	66,196	64,094
Augusta, Ga.....	33,300	39,441	41,040	52,548	60,342	65,919
Austin, Tex.....	14,575	22,258	29,860	34,876	53,120	87,930
Baltimore, Md.....	434,439	508,957	558,485	733,826	804,874	859,100
Bayonne, N. J.....	19,033	32,722	55,545	76,754	88,979	79,198
Beaumont, Tex.....	3,296	9,427	20,640	40,422	57,732	59,061
Berkeley, Calif.....	5,101	13,214	40,434	56,036	82,109	85,547
Bethlehem, Pa. <sup>1</sup> .....	6,762	7,293	12,837	50,358	57,892	58,490
Binghamton, N. Y.....	35,005	39,647	48,443	66,800	76,662	78,309
Birmingham, Ala.....	26,178	38,415	132,685	178,806	259,678	267,583
Boston, Mass.....	448,477	560,892	670,585	748,060	781,188	770,816
Bridgeport, Conn.....	48,866	70,996	102,054	143,555	146,716	147,121
Brookton, Mass.....	27,294	40,063	56,878	66,254	63,797	62,343
Buffalo, N. Y.....	255,664	352,387	423,715	506,775	573,076	575,901
Cambridge, Mass.....	70,028	91,886	104,839	109,694	113,643	110,879
Camden, N. J.....	58,313	75,935	94,538	116,309	118,700	117,536
Canton, Ohio.....	26,189	30,667	50,217	87,091	104,906	108,401
Cedar Rapids, Iowa.....	18,020	25,656	32,811	45,566	56,097	62,120
Charleston, S. C.....	54,955	55,807	58,833	67,957	62,265	71,275
Charleston, W. Va.....	6,742	11,099	22,996	39,608	60,408	67,914
Charlotte, N. C.....	11,557	18,091	34,014	46,338	82,675	100,899
Chattanooga, Tenn.....	29,100	30,154	44,604	57,895	119,798	128,163
Chester, Pa.....	20,226	33,988	38,537	58,030	59,164	59,285
Chicago, Ill.....	1,099,850	1,698,575	2,185,283	2,701,705	3,376,438	3,396,808
Cicero, Ill.....	10,204	16,310	14,557	44,995	66,602	64,712
Cincinnati, Ohio.....	296,908	325,902	363,591	401,247	451,160	455,610
Cleveland, Ohio.....	261,353	381,768	560,663	796,841	900,429	878,336
Cleveland Heights, Ohio.....			2,955	15,236	50,945	54,992
Columbia, S. C.....	15,353	21,108	26,319	37,524	51,581	62,396
Columbus, Ga.....	17,303	17,614	20,554	31,125	43,131	53,280
Columbus, Ohio.....	88,150	125,560	181,511	237,031	290,564	306,067
Corpus Christi, Tex.....	4,387	4,703	8,222	10,522	27,741	57,301
Covington, Ky.....	37,371	42,938	53,270	57,121	65,252	62,018
Dallas, Tex.....	38,067	42,638	92,104	158,976	260,475	294,734
Davenport, Iowa.....	26,872	35,254	43,028	56,727	60,751	66,039
Dayton, Ohio.....	61,220	85,333	116,577	152,559	200,982	210,718
Dearborn, Mich.....		844	911	2,470	50,358	63,584
Decatur, Ill.....	16,841	20,754	31,140	43,818	57,510	59,305
Denver, Colo.....	106,713	133,859	213,381	256,491	287,861	322,412
Des Moines, Iowa.....	50,093	62,139	86,368	126,468	142,559	159,819
Detroit, Mich.....	205,876	285,704	465,766	993,678	1,568,662	1,623,452
Duluth, Minn.....	33,115	52,969	78,466	98,917	101,463	101,065
Durham, N. C.....	5,485	6,679	18,241	21,719	52,037	60,195
East Chicago, Ind.....	1,255	3,411	19,098	35,967	54,784	54,637
East Orange, N. J.....		21,506	34,371	50,710	68,020	68,945
East St. Louis, Ill.....	15,169	29,655	58,547	66,767	74,347	75,609
Elizabeth, N. J.....	37,764	52,130	73,409	95,783	114,589	109,912
El Paso, Tex.....	10,338	15,906	39,279	77,560	102,421	96,810
Erie, Pa.....	40,634	52,733	66,525	93,372	115,967	116,955
Evanston, Ill.....		19,259	24,978	37,234	63,338	65,389
Evansville, Ind.....	50,756	59,007	69,647	85,264	102,249	97,062
Fall River, Mass.....	74,398	104,863	119,295	120,485	115,274	115,428
Flint, Mich.....	9,803	13,103	38,550	91,599	156,492	151,543
Fort Wayne, Ind.....	35,393	45,115	63,933	86,549	114,946	118,410
Fort Worth, Tex.....	23,076	26,688	73,312	106,482	163,447	177,662
Fresno, Calif.....	10,818	12,470	24,892	45,086	52,513	60,686
Galveston, Tex.....	29,084	37,789	36,981	44,255	52,938	60,862
Gary, Ind.....			16,802	55,378	100,426	111,719
Glendale, Calif.....			2,746	13,536	62,736	82,582
Grand Rapids, Mich.....	60,278	87,565	112,571	137,634	168,592	164,292
Greensboro, N. C.....	3,317	10,035	15,895	19,861	53,569	59,319
Hamilton, Ohio.....	17,565	23,914	35,279	39,675	52,176	50,592
Hammond, Ind.....	5,428	12,376	20,925	36,004	64,560	70,184

For foot notes, see p. 13.

No. 10.—POPULATION OF CITIES HAVING, IN 1940, OVER 50,000 INHABITANTS:  
1890 TO 1940—Continued

CITY	1890	1900	1910	1920	1930	1940
Harrisburg, Pa.....	39,385	50,167	64,186	75,917	80,339	83,803
Hartford, Conn.....	53,230	79,850	98,915	138,036	164,072	166,267
Highland Park, Mich.....		427	4,120	46,499	52,959	50,810
Hoboken, N. J.....	43,648	59,364	70,324	68,166	59,261	50,115
Holyoke, Mass.....	35,637	45,712	57,730	60,203	56,537	53,750
Houston, Tex.....	27,557	44,633	78,800	138,276	292,352	384,514
Huntington, W. Va.....	10,108	11,923	31,161	50,177	75,572	78,836
Indianapolis, Ind.....	105,436	169,164	233,650	314,194	364,161	386,972
Irvington, N. J.....		5,255	11,877	25,480	56,733	55,328
Jackson, Miss.....	5,920	7,816	21,262	22,817	48,282	62,107
Jacksonville, Fla.....	17,201	28,429	57,699	91,558	129,549	173,065
Jersey City, N. J.....	163,003	206,433	267,779	298,103	316,715	301,173
Johnstown, Pa.....	21,806	35,936	55,482	67,327	66,993	66,668
Kalamazoo, Mich.....	17,853	24,404	39,437	48,487	54,786	54,097
Kansas City, Kans.....	38,316	51,418	82,331	101,177	121,857	121,458
Kansas City, Mo.....	132,716	163,752	248,381	324,410	399,746	399,178
Knoxville, Tenn.....	22,535	32,637	36,346	77,818	105,802	111,580
Lakewood, Ohio.....		2,355	15,181	41,732	70,509	69,160
Lancaster, Pa.....	32,011	41,459	47,227	53,150	59,949	61,345
Lansing, Mich.....	13,102	16,485	31,229	57,327	78,397	78,753
Lawrence, Mass.....	44,654	62,559	85,892	94,270	85,068	84,323
Lincoln, Nebr.....	55,154	40,169	43,973	54,948	75,933	81,984
Little Rock, Ark.....	25,874	38,307	45,941	65,142	81,679	88,039
Long Beach, Calif.....	564	2,252	17,809	55,593	142,032	164,271
Los Angeles, Calif.....	50,395	102,479	319,198	576,673	1,238,048	1,504,277
Louisville, Ky.....	161,129	204,731	223,928	234,891	307,745	319,077
Lowell, Mass.....	77,696	94,969	106,294	112,759	100,234	101,389
Lynn, Mass.....	55,727	68,513	89,336	99,148	102,320	98,128
Macon, Ga.....	22,746	23,272	40,665	52,995	53,829	57,865
Madison, Wis.....	13,426	19,164	25,531	38,378	57,899	67,447
Malden, Mass.....	23,031	33,664	44,404	49,103	58,036	58,010
Manchester, N. H.....	44,126	56,987	70,063	78,384	76,834	77,685
McKeesport, Pa.....	20,741	34,227	42,694	46,781	54,632	55,355
Medford, Mass.....	11,079	18,244	23,150	39,038	59,714	63,088
Memphis, Tenn.....	64,495	102,320	131,105	162,351	253,143	292,942
Miami, Fla.....		1,681	5,471	29,571	110,637	172,172
Milwaukee, Wis.....	204,468	285,315	373,857	457,147	578,249	587,472
Minneapolis, Minn.....	164,738	202,718	301,408	380,582	464,356	492,370
Mobile, Ala.....	31,076	38,469	51,521	60,777	68,202	78,724
Montgomery, Ala.....	21,883	30,346	38,136	43,464	66,079	78,084
Mount Vernon, N. Y.....	10,830	21,228	30,919	42,726	61,499	67,361
Nashville, Tenn.....	76,168	80,865	110,364	118,342	153,866	167,401
Newark, N. J.....	181,830	246,070	347,469	414,524	442,337	429,761
New Bedford, Mass.....	40,733	62,442	96,652	121,217	112,597	110,341
New Britain, Conn.....	16,519	25,998	43,916	59,316	68,128	68,668
New Haven, Conn.....	81,298	108,027	133,605	162,537	162,655	160,601
New Orleans, La.....	242,039	287,104	339,075	387,219	458,762	494,531
New Rochelle, N. Y.....	9,057	14,720	28,867	36,213	54,000	58,401
Newton, Mass.....	24,379	33,587	39,806	46,054	65,276	69,871
New York, N. Y. <sup>1</sup> .....	2,507,414	3,437,202	4,766,883	5,620,048	6,930,446	7,454,961
Niagara Falls, N. Y.....		19,457	30,445	50,760	75,460	78,061
Norfolk, Va.....	34,871	46,624	67,452	115,777	129,710	144,331
Oakland, Calif.....	48,682	66,960	150,174	216,261	284,063	302,111
Oak Park, Ill.....			19,444	39,858	63,982	66,011
Oklahoma City, Okla.....	4,151	10,037	64,205	91,295	185,389	204,411
Omaha, Nebr. <sup>2</sup> .....	140,452	102,555	124,096	191,601	214,006	223,811
Pasadena, Calif.....	4,882	9,117	30,291	45,354	76,066	81,811
Passaic, N. J.....	18,028	27,777	54,773	63,841	62,959	61,311
Paterson, N. J.....	78,347	105,171	125,600	135,875	138,513	139,611
Pawtucket, R. I.....	27,633	39,231	51,622	64,248	77,149	75,711
Peoria, Ill.....	41,024	56,100	66,950	76,121	104,969	106,011
Philadelphia, Pa.....	1,046,964	1,293,697	1,549,008	1,823,779	1,950,961	1,931,311
Phoenix, Ariz.....	3,152	5,544	11,134	29,053	48,118	65,411
Pittsburgh, Pa.....	343,904	451,512	533,905	588,343	669,817	671,611
Pontiac, Mich.....	6,200	9,769	14,532	34,273	64,928	66,611
Portland, Me.....	36,425	50,145	58,571	69,272	70,810	73,611
Portland, Oreg.....	46,385	90,426	207,214	258,288	301,815	305,111
Portsmouth, Va.....	13,268	17,427	33,190	54,387	45,704	50,111
Providence, R. I.....	132,146	175,597	224,326	237,595	252,981	253,111
Pueblo, Colo.....	24,558	28,157	41,747	43,050	50,096	52,111

For footnotes, see p. 13.



No. 10.—POPULATION OF CITIES HAVING, IN 1940, OVER 50,000 INHABITANTS:  
1890 TO 1940—Continued

CITY	1890	1900	1910	1920	1930	1940
Quincy, Mass.....	16,723	23,899	32,642	47,876	71,983	75,810
Racine, Wis.....	21,014	29,102	38,002	58,503	67,542	67,195
Reading, Pa.....	58,661	78,961	96,071	107,784	111,171	110,568
Richmond, Va.....	81,388	85,050	127,628	171,667	182,929	193,042
Roanoke, Va.....	16,159	21,495	34,874	50,842	69,206	69,287
Rochester, N. Y.....	133,896	162,008	218,149	295,750	328,132	324,973
Rockford, Ill.....	23,584	31,051	45,401	65,651	85,864	84,637
Sacramento, Calif.....	26,386	29,282	44,696	65,908	93,750	105,958
Saginaw, Mich.....	46,322	42,345	50,510	61,903	80,715	82,794
St. Joseph, Mo.....	52,324	102,979	77,403	77,939	80,935	75,711
St. Louis, Mo.....	451,770	575,238	687,029	772,897	821,900	816,048
St. Paul, Minn.....	133,156	163,065	214,744	234,698	271,606	287,736
St. Petersburg, Fla.....	273	1,575	4,127	14,237	40,425	60,812
Salt Lake City, Utah.....	44,843	53,531	92,777	118,110	140,267	149,934
San Antonio, Tex.....	37,673	53,321	96,614	161,379	231,542	253,854
San Diego, Calif.....	16,159	17,700	39,578	74,361	147,995	203,341
San Francisco, Calif.....	298,997	342,782	416,912	506,676	634,394	634,536
San Jose, Calif.....	18,060	21,500	28,946	39,642	57,651	68,457
Santa Monica, Calif.....	1,580	3,057	7,847	15,252	37,146	53,500
Savannah, Ga.....	43,189	54,244	65,064	83,252	85,024	95,996
Schenectady, N. Y.....	19,902	31,682	72,826	88,723	95,602	87,549
Scranton, Pa.....	75,215	102,026	129,867	137,783	143,433	140,404
Seattle, Wash.....	42,837	80,671	237,194	315,312	365,583	368,302
Shreveport, La.....	11,979	16,013	28,015	43,874	76,655	98,167
Sioux City, Iowa.....	37,806	33,111	47,828	71,227	79,183	82,364
Somerville, Mass.....	40,152	61,643	77,236	93,091	103,908	102,177
South Bend, Ind.....	21,819	35,999	53,684	70,983	104,193	101,268
Spokane, Wash.....	19,922	36,848	104,402	104,437	115,514	122,001
Springfield, Ill.....	24,963	34,159	51,678	59,183	71,864	75,503
Springfield, Mass.....	44,179	62,059	88,926	129,614	149,900	149,554
Springfield, Mo.....	21,850	23,267	35,201	39,631	57,527	61,238
Springfield, Ohio.....	31,895	38,253	46,921	60,840	68,743	70,662
Stockton, Calif.....	14,424	17,506	23,253	40,296	47,963	54,714
Syracuse, N. Y.....	88,143	108,374	137,249	171,717	209,326	204,967
Tacoma, Wash.....	36,006	37,714	83,743	96,965	106,817	109,408
Tampa, Fla.....	5,532	15,839	37,782	51,608	101,161	108,391
Terre Haute, Ind.....	30,217	36,673	58,157	66,083	62,810	62,693
Toledo, Ohio.....	81,434	131,822	168,497	243,164	290,718	282,349
Topeka, Kans.....	31,007	33,608	43,684	50,022	64,120	67,833
Trenton, N. J.....	57,458	73,307	96,815	119,289	123,356	124,697
Troy, N. Y.....	60,956	60,651	76,813	71,996	72,763	70,304
Tulsa, Okla.....	10,643	1,390	18,182	72,075	141,258	142,157
Union City, N. J. <sup>1</sup> .....	10,643	15,187	21,023	29,651	58,659	56,173
Utica, N. Y.....	44,007	56,383	74,419	94,156	101,740	100,518
Waco, Tex.....	14,446	20,686	26,425	38,500	52,848	55,962
Washington, D. C. <sup>2</sup> .....	230,392	278,718	331,069	437,571	486,869	663,091
Waterbury, Conn.....	28,646	45,859	73,141	91,715	99,902	99,314
Waterloo, Iowa.....	6,674	12,580	26,693	36,230	46,191	51,743
Wheeling, W. Va.....	34,522	38,878	41,641	56,208	61,659	61,099
Wichita, Kans.....	23,853	24,671	52,450	72,217	111,110	114,966
Wilkes-Barre, Pa.....	37,718	51,721	67,105	73,833	86,626	86,236
Wilmington, Del.....	61,431	76,508	87,411	110,168	106,597	112,504
Winston-Salem, N. C.....	10,729	13,650	22,700	48,395	75,274	79,815
Worcester, Mass.....	84,655	118,421	145,986	179,754	195,311	193,694
Yonkers, N. Y.....	32,033	47,931	79,803	100,176	134,646	142,598
York, Pa.....	20,793	33,708	44,750	47,512	55,254	56,712
Youngstown, Ohio.....	33,220	44,885	79,066	132,358	170,002	167,720

<sup>1</sup> Bethlehem and South Bethlehem boroughs consolidated as Bethlehem city between 1910 and 1920. Combined population, 1890, 19,823; 1900, 23,999; 1910, 32,810.

<sup>2</sup> Population shown is for New York City as now constituted.

<sup>3</sup> Omaha and South Omaha cities consolidated between 1910 and 1920. Combined population, 1890, 148,514; 1900, 128,566; 1910, 150,355.

<sup>4</sup> Includes population of Allegheny, 1890, 105,287; 1900, 129,896.

<sup>5</sup> Union and West Hoboken towns consolidated as Union City in 1925. Combined population, 1900, 38,281; 1910, 56,426; 1920, 60,725.

<sup>6</sup> Population shown is for District of Columbia, with which the city became coextensive in 1895.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. I.

# **No. 11.—POPULATION FOR URBAN SIZE GROUPS AND FOR RURAL TERRITORY: 1910 TO 1940**

[Urban-rural classification for all years is in accordance with 1940 definitions; see p. 2. Total urban population for 1890, 1890, and 1900 is as follows: 1890, 14,129,735; 1890, 22,106,265; 1900, 30,159,921. Percent urban—1890, 28.2; 1890, 35.1, 1900, 39.7]

CLASS	1910		1920		1930	
	Num- ber of places <sup>1</sup>	Population	Num- ber of places <sup>1</sup>	Population	Num- ber of places <sup>1</sup>	Population
<b>United States</b> .....		91, 972, 264		105, 710, 626		122, 776, 948
<b>Urban territory</b> .....	2, 362	41, 998, 932	2, 722	54, 157, 973	3, 166	68, 954, 829
Places of 1,000,000 or more.....	3	8, 601, 174	3	10, 145, 632	5	18, 064, 556
Places of 500,000 to 1,000,000.....	5	3, 010, 667	9	6, 223, 760	8	5, 763, 987
Places of 250,000 to 500,000.....	11	3, 949, 839	13	4, 540, 838	24	7, 956, 228
Places of 100,000 to 250,000.....	31	4, 840, 458	43	6, 519, 187	56	7, 540, 968
Places of 50,000 to 100,000.....	59	4, 178, 915	76	5, 265, 406	98	6, 491, 448
Places of 25,000 to 50,000.....	119	4, 023, 397	143	5, 075, 041	186	6, 425, 093
Places of 10,000 to 25,000.....	369	5, 548, 808	465	7, 034, 868	606	9, 097, 200
Places of 5,000 to 10,000.....	605	4, 217, 420	715	4, 967, 625	851	5, 897, 156
Places of 2,500 to 5,000.....	1, 060	3, 728, 194	1, 255	4, 385, 905	1, 332	4, 717, 590
<b>Rural territory</b> .....		49, 973, 334		51, 552, 647		53, 822, 223
Incorporated places of 1,000 to 2,500.....	2, 720	4, 228, 498	3, 032	4, 714, 490	3, 087	4, 820, 707
Incorporated places under 1,000.....	9, 112	3, 930, 651	9, 826	4, 254, 781	10, 346	4, 362, 746
Unincorporated territory.....		41, 804, 185		42, 583, 406		44, 638, 770

CLASS	1940		PERCENT OF TOTAL POPULATION			
	Number of places <sup>1</sup>	Population	1910	1920	1930	1940
<b>United States</b> .....		131, 663, 275	100.0	100.0	100.0	100.0
<b>Urban territory</b> .....	2, 464	74, 423, 702	45.7	51.2	56.2	56.5
Places of 1,000,000 or more.....	5	18, 910, 886	9.2	9.6	12.3	12.1
Places of 500,000 to 1,000,000.....	9	6, 456, 959	3.2	5.9	4.7	4.9
Places of 250,000 to 500,000.....	28	7, 827, 514	4.5	4.3	6.5	5.9
Places of 100,000 to 250,000.....	55	7, 792, 650	5.3	5.2	6.1	5.9
Places of 50,000 to 100,000.....	107	7, 343, 917	4.5	5.0	5.3	5.6
Places of 25,000 to 50,000.....	213	7, 417, 093	4.4	4.8	5.2	5.6
Places of 10,000 to 25,000.....	665	9, 966, 896	6.0	6.7	7.4	7.6
Places of 5,000 to 10,000.....	965	6, 681, 894	4.6	4.7	4.8	5.1
Places of 2,500 to 5,000.....	1, 422	5, 025, 911	4.1	4.1	3.8	3.8
<b>Rural territory</b> .....		57, 245, 573	54.3	48.8	43.8	43.5
Incorporated places of 1,000 to 2,500.....	3, 205	5, 026, 834	4.6	4.6	3.9	3.8
Incorporated places under 1,000.....	10, 083	4, 315, 843	4.3	4.0	3.6	3.3
Unincorporated territory.....		47, 902, 896	45.5	40.3	36.4	36.4

<sup>1</sup> In 1940, Bluefield, Va., and Bluefield, W. Va.; Bristol, Va., and Bristol, Tenn.; Delmar, Del., and Delmar, Md.; Harrison, Ohio, and West Harrison, Ind.; Junction City, Ark., and Junction City, La.; Texarkana, Ark., and Texarkana, Tex.; Texhoma, Okla., and Texhoma, Tex.; and Union City, Ind., and Union City, Ohio, were counted as separate incorporated places, whereas in 1930 and earlier years each pair was counted as a single place.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. I.

No. 12.—ESTIMATED CIVILIAN POPULATION, URBAN AND RURAL: 1940 AND 1947

[Areas classified as urban or rural on basis of results of 1940 census. 1940 figures based on 1940 census including small number then in armed forces. 1947 figures based on Current Population Survey including small number in armed forces living off post or with their families on post. See Sampling Note, p. 175]  
[In thousands]

AREA	CIVILIAN POPULATION		PERCENT DISTRIBUTION	
	April 1940	April 1947	April 1940	April 1947
United States.....	131, 669	142, 061	100. 0	100. 0
Urban.....	74, 424	83, 860	56. 5	59. 0
Rural.....	57, 246	58, 201	43. 5	41. 0
Rural-nonfarm.....	27, 029	30, 896	20. 5	21. 7
Rural-farm.....	30, 216	27, 305	22. 9	19. 2

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-20, No. 9.

No. 13.—ESTIMATED CIVILIAN POPULATION, FARM AND NONFARM, BY AGE AND SEX: APRIL 1940 AND 1947

[In thousands. 1940 figures based on 1940 census including small number then in armed forces; 1947 figures based on Current Population Survey, see Sampling Note, p. 175]

AGE	BOTH SEXES			MALE			FEMALE		
	Total	Farm	Non-farm	Total	Farm	Non-farm	Total	Farm	Non-farm
1940									
All ages.....	131, 669	30, 547	101, 122	66, 062	16, 115	49, 947	65, 606	14, 432	51, 176
Under 14 years.....	30, 566	8, 957	21, 609	15, 508	4, 572	10, 936	15, 059	4, 384	10, 675
14 years and over.....	101, 103	21, 590	79, 513	50, 554	11, 543	39, 011	50, 549	10, 048	40, 501
14 to 19 years.....	14, 739	4, 095	10, 644	7, 398	2, 166	5, 232	7, 341	1, 929	5, 412
20 to 24 years.....	11, 588	2, 541	9, 047	5, 692	1, 393	4, 299	5, 895	1, 147	4, 748
25 to 44 years.....	39, 672	7, 367	32, 305	19, 686	3, 818	15, 868	19, 986	3, 549	16, 437
45 to 64 years.....	26, 084	5, 586	20, 498	13, 371	3, 018	10, 353	12, 713	2, 568	10, 145
65 years and over.....	9, 019	2, 002	7, 017	4, 406	1, 147	3, 259	4, 613	855	3, 758
1947									
All ages.....	142, 061	28, 143	113, 918	70, 128	14, 691	55, 437	71, 933	13, 452	58, 481
Under 14 years.....	34, 905	8, 297	26, 608	17, 778	4, 274	13, 504	17, 127	4, 023	13, 104
14 years and over.....	107, 156	19, 846	87, 310	52, 350	10, 417	41, 933	54, 806	9, 429	45, 377
14 to 19 years.....	12, 830	3, 228	9, 602	6, 214	1, 759	4, 455	6, 616	1, 469	5, 147
20 to 24 years.....	11, 748	1, 995	9, 753	5, 653	1, 089	4, 564	6, 095	906	5, 189
25 to 44 years.....	42, 610	6, 994	35, 616	20, 720	3, 471	17, 249	21, 890	3, 523	18, 367
45 to 64 years.....	29, 377	5, 590	23, 787	14, 707	2, 957	11, 750	14, 670	2, 633	12, 037
65 years and over.....	10, 591	2, 039	8, 552	5, 056	1, 141	3, 915	5, 535	896	4, 637

Source: Department of Commerce, Bureau of the Census; records and reports.

## No. 14.—POPULATION, URBAN AND RURAL, BY STATES: 1920, 1930, AND 1940

[Urban-rural classification in accordance with 1940 definitions; see p. 2]

DIVISION AND STATE	1920		1930		1940		PERCENT URBAN		
	Urban	Rural	Urban	Rural	Urban	Rural	1920	1930	1940
<b>United States.....</b>	<b>54,157,973</b>	<b>51,552,647</b>	<b>68,954,823</b>	<b>53,820,223</b>	<b>74,423,702</b>	<b>57,245,573</b>	<b>51.2</b>	<b>55.2</b>	<b>56.5</b>
<b>New England.....</b>	<b>5,620,384</b>	<b>1,730,525</b>	<b>6,311,976</b>	<b>1,854,365</b>	<b>6,420,542</b>	<b>2,016,748</b>	<b>75.9</b>	<b>77.3</b>	<b>76.1</b>
Maine.....	299,569	468,445	321,506	475,917	343,057	504,189	39.0	40.2	40.5
New Hampshire.....	250,438	192,645	273,079	192,214	283,225	208,299	58.5	58.7	57.6
Vermont.....	109,978	242,452	118,766	240,845	123,239	235,992	31.9	33.0	34.3
Massachusetts.....	2,469,916	383,440	3,831,426	418,188	3,859,476	457,245	90.0	90.2	89.4
Rhode Island.....	555,146	49,251	635,429	52,068	653,393	59,953	91.9	92.4	91.6
Connecticut.....	936,839	444,292	1,181,770	475,133	1,158,162	551,060	67.8	70.4	67.8
<b>Middle Atlantic.....</b>	<b>16,783,474</b>	<b>8,477,570</b>	<b>20,394,707</b>	<b>5,866,043</b>	<b>21,147,543</b>	<b>5,391,944</b>	<b>75.4</b>	<b>77.7</b>	<b>76.8</b>
New York.....	8,588,566	1,795,641	10,521,952	2,065,114	11,165,693	2,313,249	82.7	83.6	82.8
New Jersey.....	2,522,435	633,465	3,339,244	702,080	3,394,773	755,392	79.9	82.6	81.6
Pennsylvania.....	5,672,453	3,047,564	6,533,511	3,097,839	6,586,977	3,313,303	68.1	67.6	66.5
<b>East North Central.....</b>	<b>13,050,084</b>	<b>8,425,487</b>	<b>16,754,908</b>	<b>8,502,277</b>	<b>17,444,359</b>	<b>9,181,393</b>	<b>60.8</b>	<b>66.4</b>	<b>65.5</b>
Ohio.....	3,677,136	2,082,258	4,507,371	2,139,326	4,612,966	2,294,626	63.3	67.8	66.1
Indiana.....	1,482,855	1,447,535	1,795,892	1,442,011	1,887,712	1,540,084	56.6	55.5	55.1
Illinois.....	4,403,677	2,081,603	5,635,727	1,994,927	5,809,650	2,087,591	67.9	73.9	73.6
Michigan.....	2,241,560	1,426,852	3,302,076	1,840,250	3,454,867	1,801,239	61.1	68.2	65.7
Wisconsin.....	1,344,858	1,387,209	1,553,843	1,385,163	1,679,144	1,458,443	47.3	52.9	53.5
<b>West North Central.....</b>	<b>4,725,889</b>	<b>7,819,349</b>	<b>5,554,181</b>	<b>7,749,734</b>	<b>5,993,124</b>	<b>7,523,866</b>	<b>37.7</b>	<b>41.8</b>	<b>44.3</b>
Minnesota.....	1,051,593	1,335,532	1,257,616	1,306,337	1,390,098	1,402,202	44.1	49.0	49.8
Iowa.....	875,426	1,528,526	970,292	1,491,647	1,084,231	1,454,037	36.4	39.6	42.7
Missouri.....	1,586,903	1,817,152	1,659,119	1,770,248	1,960,696	1,823,968	46.5	51.2	51.8
North Dakota.....	58,239	584,633	113,306	567,539	131,923	510,012	13.6	16.5	20.6
South Dakota.....	101,872	534,675	130,907	561,942	158,087	484,874	16.0	18.9	24.6
Nebraska.....	406,293	891,079	436,107	891,856	514,148	801,686	31.3	35.3	39.1
Kansas.....	616,485	1,152,772	729,834	1,151,165	753,941	1,047,087	34.6	38.8	41.9
<b>South Atlantic.....</b>	<b>4,336,482</b>	<b>9,453,790</b>	<b>5,496,122</b>	<b>10,998,467</b>	<b>6,921,728</b>	<b>10,991,425</b>	<b>31.0</b>	<b>36.1</b>	<b>38.8</b>
Delaware.....	120,767	102,236	123,146	115,234	139,432	127,073	54.2	51.7	52.3
Maryland.....	869,422	580,239	974,869	656,657	1,080,351	740,893	60.0	59.8	59.3
Dist. of Columbia.....	437,571	—	486,869	—	653,091	—	100.0	100.0	100.0
Virginia.....	673,964	1,635,203	765,537	1,636,314	944,676	1,733,098	29.2	32.4	35.3
West Virginia.....	369,007	1,094,694	491,504	1,237,701	534,292	1,367,682	25.2	28.4	28.1
North Carolina.....	490,370	2,068,753	809,847	2,360,429	974,175	2,597,448	19.2	25.5	27.3
South Carolina.....	293,967	1,389,737	371,080	1,367,685	486,111	1,433,693	17.5	21.3	24.5
Georgia.....	727,869	2,167,973	895,492	2,013,014	1,073,806	2,049,915	25.1	30.8	34.4
Florida.....	353,515	614,955	759,778	708,433	1,045,791	651,623	36.5	51.7	55.1
<b>East South Central.....</b>	<b>1,994,207</b>	<b>6,899,180</b>	<b>2,778,687</b>	<b>7,166,527</b>	<b>3,165,356</b>	<b>7,612,863</b>	<b>22.4</b>	<b>28.1</b>	<b>29.4</b>
Kentucky.....	633,543	1,783,087	799,026	1,616,563	849,327	1,996,300	26.2	30.6	29.8
Tennessee.....	611,226	1,726,659	896,538	1,720,018	1,027,206	1,868,635	26.1	34.3	35.2
Alabama.....	509,317	1,838,857	744,273	1,901,978	856,941	1,977,020	21.7	28.1	30.2
Mississippi.....	240,121	1,560,497	338,850	1,670,971	432,882	1,760,914	13.4	16.9	19.8
<b>West South Central.....</b>	<b>2,969,364</b>	<b>7,272,855</b>	<b>4,427,439</b>	<b>7,749,391</b>	<b>5,203,491</b>	<b>7,861,124</b>	<b>29.6</b>	<b>36.4</b>	<b>39.8</b>
Arkansas.....	290,497	1,461,707	382,879	1,471,604	431,910	1,617,477	16.6	20.6	22.2
Louisiana.....	628,163	1,170,346	833,532	1,268,061	980,439	1,383,441	34.9	39.7	41.5
Oklahoma.....	538,017	1,490,266	821,081	1,574,359	679,668	1,456,771	26.5	34.3	37.6
Texas.....	1,512,689	3,160,539	2,389,348	3,435,367	2,911,389	3,509,435	32.4	41.0	45.4
<b>Mountain.....</b>	<b>1,217,388</b>	<b>2,113,113</b>	<b>1,457,922</b>	<b>2,243,567</b>	<b>1,771,742</b>	<b>2,378,361</b>	<b>36.5</b>	<b>39.4</b>	<b>42.7</b>
Montana.....	172,011	376,879	181,036	356,570	211,535	347,921	31.3	33.7	37.2
Idaho.....	119,037	312,629	129,507	315,526	176,708	348,156	27.6	29.1	33.7
Wyoming.....	57,095	137,307	70,097	155,468	93,577	157,165	29.4	31.1	37.5
Colorado.....	453,259	486,370	519,882	515,909	590,756	532,540	48.2	50.2	52.4
New Mexico.....	64,950	295,390	106,816	315,501	176,401	355,417	18.0	25.2	33.7
Arizona.....	120,768	213,374	149,656	285,717	173,981	325,290	36.1	34.4	34.1
Utah.....	215,584	233,812	266,264	241,583	305,493	244,817	48.0	52.4	55.1
Nevada.....	15,254	62,153	34,464	55,594	43,291	66,956	19.7	37.6	39.1
<b>Pacific.....</b>	<b>3,460,106</b>	<b>2,106,765</b>	<b>5,534,831</b>	<b>2,659,552</b>	<b>6,355,909</b>	<b>3,377,353</b>	<b>62.2</b>	<b>67.5</b>	<b>65.1</b>
Washington.....	742,801	613,820	884,539	678,557	921,969	814,222	54.8	56.5	53.1
Oregon.....	390,346	393,043	489,746	464,040	531,675	558,009	49.8	51.3	48.1
California.....	2,326,959	1,099,902	4,160,596	1,515,955	4,902,265	2,005,122	67.9	73.3	71.1

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. I.

**No. 15.—POPULATION ON FARMS AND IN RURAL AREAS OTHER THAN FARMS, BY STATES: 1930 AND 1940**

[Urban-rural classification in accordance with 1940 definitions; see p. 2]

DIVISION AND STATE	FARM POPULATION								Rural-nonfarm population, 1940
	Total		Percent of total population		Rural-farm		Urban-farm		
	1930	1940	1930	1940	1930	1940	1930	1940	
United States.....	30,445,350	30,545,911	24.5	23.2	30,157,512	30,216,183	287,837	330,723	27,029,385
New England.....	573,251	622,521	7.0	7.4	499,063	532,062	74,188	90,559	1,484,684
Maine.....	170,995	176,273	21.4	20.8	161,429	165,450	9,566	10,823	338,719
New Hampshire.....	62,850	70,484	13.5	14.3	54,911	61,649	7,939	8,835	146,650
Vermont.....	112,904	106,532	31.4	29.7	111,898	105,512	1,006	1,020	130,480
Massachusetts.....	123,255	147,214	2.9	3.4	90,309	94,033	42,946	53,181	363,212
Rhode Island.....	16,477	17,308	2.4	2.4	10,289	9,793	6,188	7,515	50,170
Connecticut.....	96,770	104,816	5.4	6.1	80,247	95,625	6,523	9,185	455,465
Middle Atlantic.....	1,767,719	1,788,210	6.5	6.5	1,573,694	1,752,199	34,025	35,111	4,638,745
New York.....	719,929	730,453	5.7	5.4	706,446	715,812	13,483	14,641	1,597,437
New Jersey.....	131,006	143,058	3.2	3.4	121,008	132,219	10,088	10,839	633,173
Pennsylvania.....	856,694	914,799	8.9	9.2	846,240	905,168	10,454	9,631	2,408,135
E. N. Central.....	4,488,533	4,637,740	17.7	17.4	4,453,114	4,583,444	35,419	54,296	4,598,539
Ohio.....	1,013,239	1,088,655	15.2	15.8	1,004,288	1,070,299	8,941	18,356	1,234,327
Indiana.....	813,007	816,408	25.1	23.8	808,981	812,651	4,026	3,757	727,433
Illinois.....	909,249	978,907	13.1	12.4	991,401	968,103	7,848	10,804	1,110,488
Michigan.....	782,394	870,832	16.2	16.6	775,435	860,202	6,958	10,630	941,037
Wisconsin.....	881,054	882,938	30.0	28.1	873,008	872,189	8,046	10,749	586,254
W. N. Central.....	5,048,135	4,711,357	38.1	34.9	5,035,581	4,675,245	32,554	36,112	2,848,621
Minnesota.....	895,349	914,609	34.9	32.8	888,049	905,440	7,300	9,169	496,762
Iowa.....	977,906	930,810	39.6	36.7	964,659	916,768	13,247	14,042	537,269
Missouri.....	1,114,484	1,125,413	39.7	29.7	1,108,969	1,118,644	5,515	6,769	705,324
North Dakota.....	397,294	327,943	58.4	51.1	396,871	327,498	423	445	182,514
South Dakota.....	390,205	307,318	56.3	47.8	389,431	306,670	774	648	178,204
Nebraska.....	585,701	496,230	42.5	37.9	582,981	495,447	2,720	2,773	308,238
Kansas.....	707,196	606,944	37.6	33.7	704,901	604,778	2,295	2,166	442,399
South Atlantic.....	5,988,176	6,059,841	37.3	34.8	5,878,954	6,028,206	19,220	21,635	4,863,219
Delaware.....	46,530	45,974	19.5	17.3	46,302	45,673	228	301	81,400
Maryland.....	237,456	245,623	14.6	13.5	236,172	243,060	1,284	2,563	497,633
Dist. of Columbia.....	435	227	1	(1)	—	—	435	227	—
Virginia.....	950,757	986,447	39.3	36.8	948,746	983,359	2,011	3,088	749,739
West Virginia.....	449,114	532,615	26.0	28.0	447,750	531,452	1,364	1,163	636,280
North Carolina.....	1,699,918	1,659,477	50.5	46.5	1,697,220	1,656,501	2,698	2,976	940,947
South Carolina.....	916,471	916,611	52.7	48.2	914,098	913,312	2,373	3,299	520,381
Georgia.....	1,418,514	1,367,627	48.8	43.8	1,413,719	1,363,966	4,795	3,661	685,949
Florida.....	278,981	305,240	19.0	16.1	274,949	300,883	4,032	4,357	560,740
E. S. Central.....	5,095,096	5,282,844	51.5	49.0	5,064,438	5,268,391	10,651	14,453	2,344,478
Kentucky.....	1,178,524	1,261,040	45.0	44.3	1,174,232	1,257,899	2,292	3,141	738,401
Tennessee.....	1,215,462	1,275,582	46.5	43.7	1,213,068	1,271,944	2,394	3,638	816,991
Alabama.....	1,340,277	1,343,080	50.6	47.4	1,336,409	1,338,664	3,868	4,416	638,396
Mississippi.....	1,362,843	1,403,142	67.6	64.3	1,360,729	1,399,884	2,114	3,258	351,030
W. S. Central.....	5,326,412	5,057,011	43.7	38.7	5,307,939	5,037,317	18,473	19,694	2,821,807
Arkansas.....	1,119,464	1,113,102	60.4	57.1	1,117,330	1,111,007	2,134	2,095	406,470
Louisiana.....	830,606	853,949	39.5	36.1	826,882	850,382	3,724	3,567	533,059
Oklahoma.....	1,024,070	930,412	42.7	39.8	1,021,174	928,741	2,896	3,671	530,030
Texas.....	2,352,272	2,159,548	40.4	33.7	2,342,553	2,149,187	9,719	10,361	1,354,248
Mountain.....	1,138,718	1,117,708	30.8	26.9	1,123,693	1,101,203	15,025	16,504	1,277,659
Montana.....	204,594	176,054	38.1	31.5	203,962	175,707	632	347	172,214
Idaho.....	188,385	202,582	42.3	38.6	186,100	200,016	2,285	2,566	148,149
Wyoming.....	73,152	72,892	32.4	29.1	72,905	72,674	247	218	84,491
Colorado.....	282,827	252,893	27.3	22.5	281,038	251,692	1,789	1,171	280,848
New Mexico.....	158,631	178,349	37.5	33.5	157,906	177,114	725	1,235	178,303
Arizona.....	96,995	114,448	22.7	22.9	96,819	114,022	176	426	211,258
Utah.....	115,713	104,658	22.8	19.0	106,667	94,352	9,046	10,306	150,465
Nevada.....	16,441	15,862	18.1	14.4	16,296	15,625	145	237	51,331
Pacific.....	1,168,910	1,269,579	14.0	13.0	1,101,636	1,227,122	67,272	42,457	2,158,231
Washington.....	304,737	348,402	19.6	19.6	300,143	335,450	4,594	4,952	478,772
Oregon.....	221,667	258,751	23.5	23.7	221,545	256,383	2,122	2,468	301,726
California.....	630,506	670,426	10.9	9.7	579,350	635,389	41,146	35,037	1,369,733

1 Less than 0.1 percent.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II.

No. 16.—POPULATION, BY SEX, WITH MALES PER 100 FEMALES: 1850 TO 1940

YEAR	Male	Female	Males per 100 females	YEAR	Male	Female	Males per 100 females
1850.....	11,837,660	11,354,216	104.3	1900.....	38,816,448	37,178,127	104.4
1860.....	16,085,204	15,358,117	104.7	1910.....	47,332,277	44,030,989	106.0
1870.....	19,493,565	19,064,806	102.2	1920.....	53,900,431	51,810,189	104.0
1880.....	25,518,820	24,636,963	103.6	1930.....	62,137,080	60,637,966	102.5
1890.....	32,237,101	30,710,613	105.0	1940.....	66,061,592	65,607,683	100.7

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II, Part 1.

No. 17.—POPULATION, URBAN AND RURAL, BY RACE AND SEX: 1930 AND 1940

[Urban-rural classification in accordance with 1940 definitions; see p. 2]

AREA AND RACE	1930			1940		
	Total	Male	Female	Total	Male	Female
Total.....	122,775,046	62,137,080	60,637,966	131,669,275	66,061,592	65,607,683
White.....	110,286,740	55,922,528	54,364,212	118,214,870	59,448,548	58,766,322
Native.....	96,303,335	48,420,037	47,883,298	100,795,732	53,437,533	53,358,199
Foreign-born.....	13,983,405	7,502,491	6,480,914	11,419,138	6,011,015	5,408,123
Negro.....	11,891,143	5,855,669	6,035,474	12,865,518	6,209,038	6,656,480
Other races.....	597,163	358,883	238,280	588,887	344,006	244,881
Indian.....	332,397	170,350	162,047	333,969	171,427	162,542
Chinese.....	74,954	59,802	15,152	77,504	57,389	20,115
Japanese.....	138,834	81,771	57,063	126,947	71,967	54,980
All other.....	50,978	46,960	4,018	50,457	43,223	7,244
Urban.....	68,954,823	34,154,760	34,800,063	74,423,702	36,363,706	38,059,996
White.....	63,540,033	31,538,288	32,021,745	67,972,823	33,304,701	34,668,122
Negro.....	5,193,913	2,479,158	2,714,755	6,253,588	2,929,423	3,324,165
Other races.....	200,877	137,314	63,563	197,291	129,582	67,709
Rural-nonfarm.....	23,662,710	12,117,945	11,544,765	27,029,385	13,757,516	13,271,869
White.....	21,500,462	11,012,799	10,487,663	24,778,585	12,627,240	12,151,345
Negro.....	2,016,707	1,022,066	994,641	2,109,630	1,053,699	1,055,931
Other races.....	145,541	83,080	62,461	141,170	76,577	64,593
Rural-farm.....	30,157,513	15,864,375	14,293,138	30,216,188	15,940,370	14,275,818
White.....	25,226,245	13,371,441	11,854,804	25,463,462	13,516,607	11,946,855
Negro.....	4,690,523	2,354,445	2,326,078	4,502,300	2,285,916	2,216,384
Other races.....	250,745	138,489	112,256	250,426	137,847	112,579

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II, Part 1.

No. 18.—POPULATION, BY RACE AND NATIVITY, WITH INDIVIDUAL MINOR RACES:  
1880 TO 1940

CLASS	1880	1890	1900	1910	1920	1930	1940
<b>All classes</b> .....	<b>50,155,783</b>	<b>62,947,714</b>	<b>75,994,575</b>	<b>91,972,266</b>	<b>105,710,620</b>	<b>122,775,046</b>	<b>131,669,275</b>
White.....	43,402,970	55,101,258	66,809,196	81,731,957	94,820,915	110,286,740	118,214,870
Negro.....	6,580,793	7,488,676	8,833,994	9,827,763	10,463,131	11,891,143	12,865,518
Indian.....	<sup>1</sup> 66,407	248,253	237,196	265,683	244,437	332,397	333,969
Chinese.....	105,465	107,488	89,863	71,531	61,639	74,954	77,504
Japanese.....	148	2,039	24,326	72,157	111,010	138,834	126,947
All other <sup>2</sup> .....				3,175	9,488	50,978	50,467
Native (all races).....	43,475,840	53,698,154	65,653,299	78,456,390	91,789,928	108,570,897	120,074,379
Foreign-born (all races).....	6,679,943	9,249,560	10,341,276	13,515,886	13,920,692	14,204,149	11,594,896
Native white.....	36,843,291	45,979,391	56,595,379	68,386,412	81,108,161	96,303,335	106,795,732
Foreign-born white.....	6,559,679	9,121,867	10,213,817	13,345,545	13,712,754	13,983,405	11,419,138
<b>Percent of total</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
White.....	86.5	87.5	87.9	88.9	89.7	89.8	89.8
Negro.....	13.1	11.9	11.6	10.7	9.9	9.7	9.8
Indian.....	.1	.4	.3	.3	.2	.3	.3
Chinese.....	.2	.2	.1	.1	.1	.1	.1
Japanese.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	.1	.1	.1	.1
All other <sup>2</sup> .....				( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Native (all races).....	86.7	85.3	86.4	85.3	86.8	88.4	91.2
Foreign-born (all races).....	13.3	14.7	13.6	14.7	13.2	11.6	8.8
Native white.....	73.5	73.0	74.5	74.4	76.7	78.4	81.1
Foreign-born white.....	13.1	14.5	13.4	14.5	13.0	11.4	8.7
<b>INCREASE OVER PRECEDING CENSUS <sup>4</sup></b>							
<b>All classes</b> .....	<b>11,597,412</b>	<b>12,466,467</b>	<b>13,046,861</b>	<b>15,977,691</b>	<b>13,728,354</b>	<b>17,064,426</b>	<b>8,894,229</b>
<b>Percent</b> .....	<b>30.1</b>	<b>24.9</b>	<b>20.7</b>	<b>21.0</b>	<b>14.9</b>	<b>16.1</b>	<b>7.2</b>
White.....	9,813,593	11,580,920	11,707,938	14,922,761	13,088,958	15,465,825	7,928,130
Percent.....	29.2	26.7	21.2	22.3	16.0	16.3	7.2
Negro.....	1,700,784	889,247	1,345,318	993,769	635,368	1,428,012	974,375
Percent.....	34.9	13.5	18.0	11.2	6.5	13.6	8.2
Indian.....	40,676	-7,601	-11,057	28,487	-21,246	87,960	1,572
Percent.....	158.1	-11.4	-4.5	12.0	-8.0	36.0	.5
Chinese.....	42,266	2,010	-17,625	-18,332	-9,892	13,315	2,550
Percent.....	66.9	1.9	-16.4	-20.4	-13.8	21.6	3.4
Japanese.....	98	1,591	22,287	47,831	38,853	27,824	-11,887
Percent.....	( <sup>3</sup> )	1,277.7	1,093.0	196.6	53.8	25.1	-8.6
All other <sup>2</sup> .....				3,175	6,313	41,490	-511
Percent.....				196.8	437.3	437.3	-1.0
Native (all races).....	10,484,698	9,896,863	11,955,145	12,803,081	13,333,548	16,780,969	11,503,482
Percent.....	31.8	22.8	22.3	19.5	17.0	18.3	10.6
Foreign born (all races).....	1,112,714	2,569,604	1,091,716	3,174,610	404,806	283,457	-2,609,253
Percent.....	20.0	38.5	11.8	30.7	3.0	2.0	-18.4
Native white.....	8,747,626	9,018,732	10,615,988	11,791,033	12,721,749	15,195,174	10,492,397
Percent.....	31.1	24.5	23.1	20.8	18.6	18.7	10.9
Foreign-born white.....	1,065,967	2,562,188	1,091,950	3,131,728	367,209	270,651	-2,564,267
Percent.....	19.4	39.1	12.0	30.7	2.8	2.0	-18.3

<sup>1</sup> Exclusive of Indians in Indian Territory and on Indian reservations, not enumerated prior to 1890.<sup>2</sup> Comprises Filipinos, Hindus, Koreans, Hawaiians, Malays, Siamese, Samoans, and Maoris.<sup>3</sup> Less than one-tenth of 1 percent.<sup>4</sup> A minus sign (-) denotes a decrease.<sup>5</sup> Exclusive of 325,464 persons (117,368 whites, 18,636 Negroes, 189,447 Indians, and 13 Chinese), specially enumerated in 1890 in Indian Territory and on Indian reservations.<sup>6</sup> Percent not shown where base is less than 100.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports. Population, Vol. II, Part I.



No. 19.—POPULATION, BY RACE, BY STATES: 1920, 1930, AND 1940

DIVISION AND STATE	1920			1930			1940		
	White	Negro	Other races	White	Negro	Other races	White	Negro	Other races
<b>U. S.</b> .....	94,820,915	10,462,121	425,574	110,284,740	11,691,143	597,182	118,214,879	12,665,516	655,857
<b>New England</b> .....	7,316,079	79,961	5,779	8,065,220	94,006	7,935	8,329,148	101,649	6,635
Maine.....	765,695	1,310	1,009	795,185	1,096	1,142	844,543	1,304	1,379
New Hampshire.....	442,331	621	131	464,351	790	132	490,989	414	121
Vermont.....	351,817	672	39	356,966	568	77	358,906	384	41
Massachusetts.....	3,803,824	45,496	3,366	4,192,993	52,865	4,257	4,257,596	55,391	3,734
Rhode Island.....	563,980	10,086	381	677,026	9,913	558	701,305	11,024	517
Connecticut.....	1,858,732	21,046	853	1,576,700	29,354	849	1,675,407	32,992	843
<b>Mid. Atlantic</b> .....	27,641,846	680,183	19,121	25,178,861	1,062,899	23,990	26,237,622	1,268,366	22,499
New York.....	20,172,027	198,483	14,717	12,163,191	412,814	22,061	12,879,546	571,221	28,375
New Jersey.....	3,037,087	117,132	1,681	3,829,663	208,828	2,843	3,931,087	226,973	2,105
Pennsylvania.....	8,432,736	284,568	2,723	9,196,007	431,257	4,066	9,426,989	470,172	3,019
<b>E. N. Central</b> .....	20,938,863	514,554	22,127	24,335,960	930,450	30,755	25,523,451	1,069,326	28,565
Ohio.....	5,671,693	186,187	1,314	6,335,173	309,304	2,223	6,568,531	339,461	1,620
Indiana.....	2,849,071	80,810	509	3,125,778	111,982	743	3,305,323	121,916	587
Illinois.....	6,299,333	182,274	3,873	7,295,267	328,972	6,415	7,504,202	387,446	5,508
Michigan.....	3,601,627	60,082	6,703	4,663,507	169,453	9,365	5,039,543	208,345	8,118
Wisconsin.....	2,616,938	5,201	9,928	2,916,255	10,739	12,012	3,112,782	12,169	12,677
<b>W. N. Central</b> .....	12,228,267	278,521	46,341	12,913,232	331,784	51,839	13,111,519	350,922	54,478
Minnesota.....	2,368,936	8,809	9,380	2,542,599	9,446	11,909	2,768,982	9,928	13,390
Iowa.....	2,384,181	19,006	825	2,452,677	17,380	882	2,520,091	16,694	883
Missouri.....	3,225,044	178,241	770	3,403,876	223,840	1,651	3,539,187	244,366	1,091
North Dakota.....	639,954	467	6,451	671,851	377	8,617	631,464	201	10,270
South Dakota.....	619,147	832	18,568	670,269	646	21,934	619,075	474	23,412
Nebraska.....	1,279,219	13,342	3,911	1,360,023	13,782	4,188	1,297,624	14,171	4,089
Kansas.....	1,708,908	57,925	2,436	1,811,997	66,344	2,658	1,734,496	65,138	1,394
<b>S. Atlantic</b> .....	9,648,940	4,325,129	16,212	11,349,975	4,421,388	22,226	13,095,227	4,698,863	29,061
Delaware.....	192,616	30,335	53	205,718	32,602	69	230,828	35,876	101
Maryland.....	1,204,737	244,479	445	1,354,226	276,379	921	1,518,481	301,931	832
Dist. of Col.....	326,860	109,966	745	353,961	132,068	826	474,326	187,266	1,499
Virginia.....	1,617,909	690,017	1,261	1,770,441	850,165	1,245	2,015,683	661,449	741
West Virginia.....	1,377,235	86,345	121	1,514,191	114,893	121	1,784,102	117,754	118
North Carolina.....	1,783,779	763,407	11,937	2,234,958	918,647	16,671	2,567,635	961,298	22,600
South Carolina.....	818,538	864,719	467	944,049	793,661	1,036	1,064,308	814,164	1,232
Georgia.....	1,689,114	1,206,365	353	1,837,021	1,071,125	360	2,038,278	1,084,927	515
Florida.....	638,163	329,487	830	1,035,390	431,828	903	1,381,966	514,198	1,230
<b>E. S. Central</b> .....	6,367,549	2,522,532	2,323	7,226,017	2,658,238	2,969	7,993,755	2,780,636	2,325
Kentucky.....	2,180,666	235,936	132	2,368,452	226,040	97	2,631,425	214,031	171
Tennessee.....	1,885,993	451,758	134	2,138,644	477,646	266	2,406,906	508,736	196
Alabama.....	1,447,032	900,652	490	1,700,844	944,834	570	1,849,097	983,290	574
Mississippi.....	653,962	935,184	1,472	996,077	1,009,718	2,026	1,106,327	1,074,578	2,691
<b>W. S. Central</b> .....	8,115,727	2,063,579	62,918	9,795,977	2,261,951	96,902	10,569,596	2,425,121	63,891
Arkansas.....	1,279,767	472,220	227	1,375,315	478,463	704	1,466,064	482,578	72
Louisiana.....	1,096,611	700,257	1,641	1,322,712	776,326	2,555	1,511,739	849,303	2,231
Oklahoma.....	1,821,194	149,408	57,681	2,180,778	172,196	93,064	2,104,228	168,849	63,35
Texas.....	3,918,155	741,694	3,369	4,967,172	854,904	2,579	5,487,545	924,391	2,88
<b>Mountain</b> .....	3,312,899	39,601	92,401	3,552,900	36,225	118,664	3,978,913	36,411	134,67
Montana.....	534,260	1,558	12,971	519,898	1,256	16,452	540,465	1,120	17,96
Idaho.....	425,668	920	5,275	438,840	668	6,524	519,392	596	4,96
Wyoming.....	190,146	1,375	2,891	221,241	1,250	3,074	246,597	956	3,11
Colorado.....	924,103	11,318	4,208	1,018,793	11,828	5,170	1,108,502	12,176	4,61
New Mexico.....	334,673	5,733	19,944	391,095	2,850	29,372	492,312	4,672	34,81
Arizona.....	291,449	8,005	34,708	378,551	10,749	46,273	426,792	14,993	57,47
Utah.....	441,901	1,446	6,049	499,967	1,106	6,772	542,920	1,235	6,11
Nevada.....	70,699	246	6,822	84,515	516	6,027	104,030	664	5,51
<b>Pacific</b> .....	5,353,634	47,790	165,447	7,655,513	90,123	235,793	9,370,641	134,295	222,3
Washington.....	1,319,777	6,883	29,961	1,521,661	6,840	34,896	1,698,147	7,424	30,6
Oregon.....	789,146	2,144	12,099	938,597	2,234	12,955	1,075,731	2,565	13,61
California.....	3,264,711	38,763	123,387	5,408,260	81,048	187,943	6,596,763	124,305	196,3

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II.



No. 20.—POPULATION, BY SEX, BY STATES: 1920, 1930, AND 1940

DIVISION AND STATE	1920		1930			1940		
	Male	Female	Male	Female	Males per 100 females	Male	Female	Males per 100 females
United States.....	53,900,431	51,510,199	62,137,000	60,637,906	102.5	66,061,803	65,607,638	100.7
New England.....	3,672,691	3,729,318	4,024,437	4,141,684	97.2	4,164,700	4,282,530	97.0
Maine.....	388,762	379,262	401,285	396,138	101.3	425,821	421,408	101.0
New Hampshire.....	222,112	220,971	231,769	233,534	99.2	244,909	246,615	99.3
Vermont.....	178,864	173,574	183,268	176,345	103.9	182,224	177,007	102.9
Massachusetts.....	1,890,014	1,962,342	2,071,672	2,177,942	95.1	2,102,479	2,214,342	95.0
Rhode Island.....	297,624	306,873	335,372	352,125	95.2	349,404	363,942	96.0
Connecticut.....	605,335	685,296	801,303	805,600	99.5	849,928	859,319	98.9
Middle Atlantic.....	11,206,445	11,064,699	13,188,681	13,072,089	100.9	13,710,692	13,828,795	99.1
New York.....	5,187,350	5,197,877	6,312,620	6,275,546	100.6	6,600,326	6,788,816	98.5
New Jersey.....	1,590,078	1,665,825	2,030,644	2,010,690	101.0	2,000,159	2,091,006	99.0
Pennsylvania.....	4,429,020	4,200,907	4,845,517	4,785,833	101.2	4,951,207	4,948,973	100.0
E. North Central.....	11,935,041	10,440,502	13,904,783	12,392,402	104.1	13,438,325	13,198,617	101.9
Ohio.....	2,955,989	2,803,414	3,361,141	3,285,660	102.3	3,461,072	3,445,540	100.4
Indiana.....	1,489,074	1,441,316	1,640,061	1,598,442	102.6	1,725,201	1,702,596	101.3
Illinois.....	3,304,832	3,180,447	3,878,457	3,757,197	103.1	3,957,149	3,940,092	100.4
Michigan.....	1,928,436	1,739,976	2,519,309	2,323,016	108.4	2,694,727	2,561,379	105.2
Wisconsin.....	1,356,718	1,275,349	1,610,815	1,428,191	105.8	1,600,176	1,537,411	104.1
W. North Central.....	4,459,967	6,065,182	6,785,442	8,511,473	104.2	6,829,335	8,687,655	102.1
Minnesota.....	1,245,537	1,141,568	1,310,571	1,247,382	105.5	1,427,546	1,304,755	104.6
Iowa.....	1,229,392	1,174,629	1,285,101	1,215,838	105.7	1,280,494	1,257,774	101.8
Missouri.....	1,723,319	1,680,736	1,822,866	1,808,501	100.9	1,891,252	1,903,412	98.8
North Dakota.....	341,673	305,199	359,615	321,230	111.9	335,402	306,633	109.4
South Dakota.....	337,120	299,427	363,650	329,199	110.5	332,514	310,447	107.1
Nebraska.....	672,805	623,567	706,348	671,615	105.2	685,798	650,046	102.4
Kansas.....	909,221	800,630	961,291	919,706	104.5	908,340	894,688	101.3
South Atlantic.....	7,436,843	6,964,429	7,886,534	7,912,965	99.4	8,879,559	8,962,562	99.1
Delaware.....	113,755	100,248	121,287	117,123	103.5	124,323	132,172	101.6
Maryland.....	729,435	720,206	821,009	810,517	101.3	915,038	906,206	101.0
Dist. of Columbia.....	203,543	224,029	231,893	254,966	90.9	317,322	345,669	91.9
Virginia.....	1,168,492	1,140,895	1,216,046	1,205,805	100.8	1,349,004	1,328,769	101.5
West Virginia.....	763,100	700,601	889,871	839,334	106.0	968,562	933,392	103.8
North Carolina.....	1,279,062	1,280,061	1,575,208	1,595,068	98.8	1,772,900	1,796,633	98.6
South Carolina.....	838,293	845,431	853,158	885,607	96.3	935,239	904,565	97.0
Georgia.....	1,444,823	1,451,009	1,434,527	1,473,979	97.3	1,634,756	1,688,955	96.8
Florida.....	496,320	473,150	737,678	730,536	101.0	943,123	954,291	98.8
E. South Central.....	4,471,600	4,421,617	4,947,502	4,939,712	100.2	5,266,024	5,412,201	99.1
Kentucky.....	1,227,494	1,189,136	1,322,793	1,291,796	102.4	1,435,812	1,409,515	101.9
Tennessee.....	1,173,967	1,163,918	1,304,559	1,311,997	99.4	1,448,829	1,476,012	98.4
Alabama.....	1,173,105	1,175,069	1,315,009	1,331,219	98.8	1,399,901	1,433,060	97.7
Mississippi.....	897,124	893,494	1,005,141	1,004,680	100.0	1,084,482	1,099,314	98.7
W. South Central.....	5,265,529	4,976,395	6,186,924	5,869,908	103.3	6,558,293	6,504,222	100.8
Arkansas.....	805,228	856,976	939,843	914,639	102.8	962,916	966,471	101.7
Louisiana.....	903,335	895,174	1,047,823	1,053,779	99.4	1,172,392	1,191,496	98.4
Oklahoma.....	1,056,044	970,239	1,233,264	1,162,776	106.1	1,181,802	1,154,542	102.4
Texas.....	2,409,222	2,254,006	2,965,994	2,804,721	105.8	3,221,103	3,193,721	100.9
Mountain.....	1,783,239	1,544,802	1,943,798	1,751,991	111.3	2,148,396	2,009,606	107.4
Montana.....	290,941	248,948	293,228	244,378	120.0	299,009	260,447	114.8
Idaho.....	233,919	197,947	237,347	207,685	114.3	276,579	248,294	111.4
Wyoming.....	110,359	84,043	124,785	100,780	123.8	135,055	115,687	116.7
Colorado.....	492,731	446,898	530,752	506,039	105.1	608,778	554,518	102.6
New Mexico.....	190,456	169,894	219,222	204,095	107.4	271,848	259,972	104.6
Arizona.....	183,602	150,540	231,304	204,269	113.2	236,170	241,091	107.1
Utah.....	232,051	217,345	259,999	247,848	104.9	278,620	271,690	102.6
Nevada.....	46,240	31,167	53,161	37,897	140.3	61,341	48,906	125.4
Pacific.....	2,944,826	2,682,245	4,368,489	3,925,774	108.7	4,964,176	4,745,066	105.0
Washington.....	734,701	621,920	826,392	737,004	112.1	905,757	820,424	109.1
Oregon.....	416,334	367,035	499,672	454,114	110.0	562,689	529,955	106.5
California.....	1,813,591	1,613,270	2,942,895	2,734,656	107.6	3,515,730	3,391,657	103.7

Source: Department of Commerce, Bureau of Census; Sixteenth Census Reports, Population, Vol. II.

No. 21.—POPULATION, BY RACE AND SEX, BY STATES: 1940

DIVISION AND STATE	NATIVE WHITE			FOREIGN-BORN WHITE			NEGRO			OTHER RACES	
	Male	Female	Males per 100 fe- males	Male	Female	Males per 100 fe- males	Male	Female	Males per 100 fe- males	Male	Fe- male
U. S.	53,437,523	53,383,199	100.1	6,011,915	5,405,123	111.1	6,300,636	5,594,496	95.0	344,000	244,891
N. E.	3,267,347	3,463,558	97.2	733,832	745,209	98.5	49,795	51,714	96.3	4,354	3,040
Maine	382,605	378,297	101.1	41,722	41,919	99.5	725	579	125.2	789	610
N. H.	210,577	211,816	99.6	33,731	34,565	97.6	222	192	115.6	79	42
Vt.	165,572	161,507	102.5	16,403	15,324	107.0	220	164	134.1	29	12
Mass.	1,006,162	1,742,582	98.5	406,363	442,499	91.5	27,240	28,151	96.9	2,794	1,010
R. I.	276,639	287,383	96.3	67,006	70,778	94.7	5,384	5,640	95.5	376	141
Conn.	655,493	681,973	97.6	167,817	160,124	104.6	16,004	15,988	94.2	609	324
M. A.	10,746,864	10,968,189	98.0	2,237,518	2,185,084	107.9	601,848	663,718	90.3	24,684	2,836
N. Y.	4,946,866	5,079,147	97.4	1,461,323	1,362,207	106.0	261,306	309,915	84.3	20,628	7,547
N. J.	1,600,433	1,634,844	97.9	357,272	338,538	106.5	109,865	117,198	93.8	1,589	516
Pa.	4,199,562	4,254,167	98.7	518,921	454,399	114.2	220,477	239,095	92.2	2,247	772
E. N. C.	11,508,557	11,451,829	100.5	1,288,594	1,182,489	117.4	526,829	542,496	97.1	17,354	11,211
Ohio	3,010,564	3,036,601	99.1	280,416	238,850	117.4	168,849	170,612	99.0	1,143	477
Ind.	1,602,390	1,592,302	100.6	62,316	48,315	129.0	60,106	61,811	97.2	390	167
Ill.	3,250,881	3,283,948	99.0	515,822	463,551	111.7	186,067	201,379	92.4	4,279	1,214
Mich.	2,214,069	2,142,544	103.3	370,890	312,640	118.5	108,491	102,854	105.6	4,777	2,341
Wis.	1,427,553	1,396,425	102.2	159,640	129,134	123.5	5,318	5,840	108.2	6,665	5,013
W. N. C.	6,197,487	6,136,169	101.0	439,131	247,742	123.7	173,118	177,874	97.3	22,609	25,879
Minn.	1,250,159	1,223,919	102.1	165,010	129,894	127.0	5,185	4,742	109.3	7,121	5,199
Iowa	1,206,759	1,196,687	100.8	64,744	52,501	123.3	8,467	8,227	102.9	524	359
Mo.	1,699,796	1,725,278	98.5	61,153	52,972	115.4	119,554	124,332	95.8	759	332
S. Dak.	268,034	269,158	107.0	42,013	32,250	130.2	128	73	175.8	5,227	5,043
N. Dak.	295,128	279,897	105.4	25,062	18,990	132.0	268	211	124.6	12,063	11,249
Nebr.	612,252	603,519	101.4	44,415	37,438	118.6	7,069	7,102	99.5	2,082	1,967
Kans.	845,371	837,713	100.9	27,724	23,688	117.0	32,453	32,696	99.3	793	601
S. A.	5,401,749	5,402,409	100.0	153,248	121,821	125.8	2,294,632	2,404,832	95.4	15,561	13,896
Del.	107,787	107,909	99.9	8,019	6,814	117.7	18,449	17,427	105.9	79	28
Md.	720,043	716,723	100.5	42,758	38,957	109.8	161,617	160,314	100.9	620	212
D. C.	209,828	230,484	91.0	17,920	16,094	111.3	86,872	96,594	89.9	1,102	397
Va.	1,005,138	987,458	101.8	12,981	10,006	129.7	330,378	331,071	99.8	607	234
W. Va.	881,718	880,602	102.5	26,188	15,596	167.9	60,595	57,159	106.0	51	37
N. C.	1,276,523	1,282,064	99.6	5,237	3,809	137.5	479,816	501,482	95.7	11,412	11,273
S. C.	537,764	541,529	99.3	2,833	2,082	136.1	392,958	420,206	93.9	684	546
Ga.	1,009,843	1,016,519	99.3	6,845	5,071	135.0	517,747	567,180	91.3	323	192
Fla.	653,108	659,022	99.1	36,467	33,394	109.2	252,799	261,399	96.7	754	471
E. S. C.	3,988,516	3,962,343	100.6	25,842	19,954	129.6	1,351,501	1,429,134	94.6	2,166	1,671
Ky.	1,320,820	1,294,968	102.0	8,799	6,832	128.8	106,066	107,965	98.2	121	8
Tenn.	1,193,198	1,202,388	99.2	6,332	4,938	129.2	246,129	262,607	93.7	420	7
Ala.	919,998	917,144	100.3	7,000	4,957	141.2	472,590	510,700	92.5	315	25
Miss.	552,496	547,843	100.8	3,661	2,327	157.3	526,716	547,862	96.1	1,009	1,26
W. S. C.	5,182,474	5,097,411	101.7	163,640	134,853	111.9	1,166,013	1,239,106	95.7	26,148	22,64
Ark.	739,805	718,587	103.0	4,423	3,259	136.0	236,236	244,342	97.5	442	28
La.	741,633	742,834	99.9	15,746	11,626	136.6	413,322	435,981	94.8	1,061	1,17
Okla.	1,054,799	1,029,070	102.5	11,459	8,900	128.6	83,465	85,384	97.8	32,169	31,12
Tex.	2,646,237	2,606,920	101.5	122,022	112,366	108.6	450,990	473,401	95.3	1,854	1,05
Mt.	1,911,496	1,806,428	106.9	148,141	113,848	130.1	19,187	17,224	111.4	70,574	64,11
Mont.	255,904	228,922	111.8	33,071	22,571	146.5	647	473	136.8	9,397	8,4
Idaho	250,065	236,121	109.7	14,457	9,659	149.7	342	253	135.2	2,725	2,2
Wyo.	122,407	107,411	114.0	10,375	5,404	162.0	492	484	105.0	1,781	1,4
Colo.	521,002	515,029	101.2	39,520	31,151	126.2	5,832	5,344	91.9	2,624	1,9
N. Mex.	243,004	234,061	103.8	8,513	5,734	126.4	2,406	2,266	106.2	17,923	16,9
Ariz.	291,171	188,784	106.6	18,787	18,050	104.1	8,423	6,570	128.2	29,789	27,6
Utah	258,015	252,637	102.1	16,572	15,726	105.4	582	553	123.2	3,351	2,1
Nev.	50,938	42,493	119.9	7,046	3,553	198.3	363	301	120.6	2,994	2,1
Pac.	4,135,043	4,079,903	101.6	634,871	526,824	120.5	66,915	67,890	99.3	144,347	83,1
Wash.	768,247	726,737	105.7	115,441	87,722	131.6	4,321	3,103	139.3	17,748	12,1
Oreg.	504,832	483,260	104.5	49,887	37,752	132.1	1,384	1,181	117.2	6,586	4,1
Calif.	2,864,964	2,869,906	100.1	469,543	401,350	117.0	61,210	63,096	97.0	120,013	60,

Source: Department of Commerce, Bureau of Census; Sixteenth Census Reports, Population, Vol. II.

## SEX AND COLOR—PRINCIPAL CITIES

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## No. 22.—POPULATION OF CITIES HAVING, IN 1940, OVER 100,000 INHABITANTS, BY SEX AND COLOR: 1930 AND 1940

[For total population of these cities, see table 10]

CITY	MALE		FEMALE		MALES PER 100 FEMALES		WHITE		NONWHITE	
	1930	1940	1930	1940	1930	1940	1930	1940	1930	1940
Albany	120,039	121,529	125,011	123,262	104.0	98.6	243,816	232,482	11,224	12,308
Albany	61,947	62,904	65,465	67,713	94.6	92.8	124,065	127,564	2,447	3,013
Atlanta	120,493	130,331	143,873	162,507	87.9	85.7	180,248	197,686	90,118	104,602
Baltimore	304,888	422,916	408,966	436,184	96.6	97.0	662,168	492,706	142,706	166,395
Birmingham	125,855	127,420	133,823	140,163	94.0	90.9	160,571	158,622	99,107	108,061
Boston	263,454	373,147	397,734	397,669	96.4	93.8	758,782	745,466	22,406	25,350
Bridgeport	72,061	73,188	73,655	73,933	90.2	90.0	143,334	143,314	3,282	3,807
Buffalo	284,460	293,767	288,616	292,134	98.6	97.1	568,941	557,618	14,135	18,263
Cambridge	54,013	52,479	59,630	58,400	90.6	90.9	106,048	105,835	5,997	6,024
Camden	89,442	58,802	56,258	58,734	100.3	100.1	107,292	104,905	11,408	12,541
Canton	53,301	54,285	51,605	54,116	103.3	100.3	101,887	104,319	3,049	4,062
Charlotte	39,383	47,062	43,092	52,237	91.9	89.5	87,490	99,475	25,183	31,434
Chattanooga	57,932	61,246	61,866	66,917	93.6	91.3	86,498	91,742	33,300	36,421
Chicago	1,710,663	1,681,665	1,668,775	1,718,143	102.7	98.0	1,37,003	1,114,564	279,345	282,244
Cincinnati	218,995	217,082	232,165	238,528	94.3	91.0	403,147	399,853	48,013	55,787
Cleveland	455,656	438,346	443,573	439,990	103.0	99.6	827,833	793,417	72,596	84,919
Columbus, Ohio	143,356	146,971	147,205	157,116	97.4	94.8	297,628	270,183	32,936	35,904
Dallas	128,071	139,759	134,404	154,975	93.8	90.2	221,621	244,246	38,854	50,488
Dayton	99,822	103,358	101,100	107,360	98.7	96.3	183,990	190,414	17,122	20,304
Denver	139,672	155,635	147,989	166,777	94.5	93.3	279,814	313,810	8,047	8,602
Des Moines	68,481	75,879	74,078	83,940	92.4	90.4	137,046	153,426	5,513	6,269
Detroit	821,920	827,499	746,742	765,953	110.1	104.0	446,656	1,472,662	22,006	150,790
Duluth	51,285	50,566	50,178	50,479	102.2	100.2	100,923	100,639	540	406
Elizabeth	58,348	54,876	56,241	55,034	103.7	99.7	109,736	104,910	4,853	5,002
Erie	57,612	58,082	58,456	58,873	96.4	96.7	114,715	115,565	1,232	1,300
Full River	55,132	55,542	60,142	59,690	91.7	92.7	114,767	114,909	507	519
Flint	81,897	75,976	74,595	75,677	109.8	100.5	150,658	144,858	5,834	6,086
Fort Wayne	56,270	56,915	58,676	61,468	95.9	92.6	112,537	115,877	2,409	2,538
Fort Worth	80,015	85,061	83,432	92,001	95.9	91.9	141,152	152,346	22,295	25,317
Gary	54,308	56,075	45,833	58,644	119.1	108.3	82,479	91,246	17,940	20,478
Grand Rapids	82,340	79,418	86,252	84,874	95.5	93.6	165,636	161,567	2,956	2,726
Hartford	80,015	80,609	84,057	85,756	95.2	93.9	157,498	159,119	6,604	7,148
Houston	145,962	188,318	146,390	196,196	96.7	96.0	228,836	297,969	63,516	86,535
Indianapolis	176,447	185,461	187,514	201,511	94.2	92.0	320,100	335,755	44,061	51,217
Jacksonville	62,018	62,798	67,531	70,267	91.8	91.7	81,322	111,247	46,267	61,818
Jersey City	159,315	149,703	157,400	151,470	101.2	98.8	303,943	287,506	12,772	13,875
Kansas City, Kans.	60,867	59,432	60,990	62,026	99.8	96.8	101,776	100,390	20,081	21,078
Kansas City, Mo.	194,542	190,117	205,204	209,061	94.6	90.9	340,725	357,346	39,021	41,832
Knoxville	50,973	52,708	54,829	58,872	93.0	89.5	88,705	95,474	17,097	16,106
Long Beach	68,266	77,593	73,776	86,678	92.5	89.5	140,867	162,582	1,165	1,669
Los Angeles	610,678	734,136	627,379	770,142	97.3	95.3	170,700	1,406,430	67,348	97,847
Louisville	148,064	152,267	159,661	166,810	92.7	91.3	260,358	271,867	47,397	47,210
Lowell	47,386	49,016	52,848	52,373	89.7	93.6	100,052	101,257	182	137
Memphis	120,561	130,236	132,602	153,704	91.0	90.8	156,535	171,408	96,608	121,538
Miami	54,629	64,587	56,008	87,565	97.3	96.6	85,448	135,192	25,109	36,980
Millwaukee	290,648	280,118	287,601	298,354	101.1	96.9	570,286	578,177	7,963	9,295
Minneapolis	225,847	234,542	238,909	257,828	94.4	91.0	459,630	487,069	4,736	5,271
Nashville	71,945	77,499	81,921	86,908	87.8	86.2	111,026	120,073	42,640	47,330
Newark	223,763	213,640	218,574	215,930	102.4	99.0	402,620	383,534	39,717	46,226
New Bedford	54,137	53,401	58,460	56,940	92.6	93.8	106,868	105,927	3,729	4,414
New Haven	79,549	78,333	83,100	82,272	95.7	95.2	157,255	154,262	5,400	6,343
New Orleans	219,250	234,277	239,512	260,260	91.5	90.0	328,448	344,775	130,318	149,762
New York	2,472,956	3,676,298	3,477,490	3,778,702	100.4	97.3	589,877	6,977,501	341,069	477,494
Norfolk	65,046	72,949	64,661	71,363	100.6	102.2	85,523	98,248	44,187	46,084
Oakland	142,434	149,227	141,629	152,936	100.6	97.6	270,673	287,936	13,360	14,227
Oklahoma City	93,781	98,774	91,638	105,656	102.3	93.5	170,021	194,716	15,368	19,709
Omaha	105,896	106,790	108,110	115,064	96.0	94.5	202,567	211,640	11,409	12,204
Paterson	69,178	69,505	69,335	70,151	99.8	99.1	135,427	135,300	3,086	4,356
Peoria	52,512	51,832	52,457	53,255	100.1	97.3	101,904	102,202	3,065	2,885
Philadelphia	968,281	942,340	982,680	988,784	96.5	95.3	728,806	678,577	222,155	252,757
Pittsburgh	332,576	330,007	337,241	341,662	98.6	96.6	614,454	609,236	55,363	62,423
Portland, Oreg.	150,494	149,135	151,321	156,259	99.5	95.4	296,335	299,707	5,480	5,687
Providence	121,237	121,797	131,754	131,707	92.0	92.5	247,280	246,904	6,701	6,600
Reading	54,555	53,934	56,616	56,614	96.4	95.3	109,196	108,646	1,975	1,923
Richmond	85,715	90,220	97,214	102,822	88.2	87.7	129,974	131,706	53,055	61,336
Rochester	160,291	157,574	167,871	167,401	95.5	94.1	325,294	321,854	2,834	3,421
Sacramento	49,790	53,496	43,960	52,472	113.3	102.0	87,638	99,098	6,114	6,150
St. Louis	401,706	391,796	420,264	424,250	95.6	92.4	727,669	708,794	94,261	104,254
St. Paul	131,570	137,561	140,036	150,175	94.0	91.6	267,278	283,399	4,333	4,837
Salt Lake City	69,033	73,220	71,234	76,708	96.9	95.5	138,680	148,000	1,428	1,224

**No. 22.—POPULATION OF CITIES HAVING, IN 1940, OVER 100,000 INHABITANTS, BY SEX AND COLOR: 1930 AND 1940—Continued**

CITY	MALE		FEMALE		MALES PER 100 FEMALES		WHITE		NONWHITE	
	1930	1940	1930	1940	1930	1940	1930	1940	1930	1940
San Antonio.....	113,576	123,508	117,866	130,346	96.4	94.8	213,110	234,022	18,432	19,832
San Diego.....	74,290	103,638	73,705	99,703	100.8	103.9	143,290	196,946	4,708	6,396
San Francisco.....	338,033	322,441	296,361	312,095	114.1	103.3	802,691	602,701	31,503	31,833
Saranton.....	70,061	68,692	73,372	71,811	95.5	95.5	142,682	139,647	751	757
Seattle.....	186,083	183,526	179,500	184,776	103.7	99.3	350,639	354,101	14,944	14,201
Somerville.....	50,065	49,332	53,843	52,845	93.0	93.4	103,585	101,887	323	290
South Bend.....	52,555	60,228	51,638	51,040	101.8	98.4	100,703	97,662	3,490	3,606
Spokane.....	57,816	60,416	57,968	61,585	100.2	96.1	114,345	120,897	1,169	1,104
Springfield, Mass.....	72,668	72,246	77,212	77,308	94.1	93.5	146,665	146,361	3,235	3,193
Syracuse.....	103,680	100,286	105,646	105,671	98.1	94.9	207,200	203,640	2,128	2,327
Tacoma.....	54,154	55,038	52,663	54,370	102.8	101.2	104,562	107,011	2,265	1,797
Tampa.....	49,747	52,442	51,414	55,949	96.8	93.7	79,963	85,043	21,198	23,848
Toledo.....	147,691	140,001	143,077	142,348	103.3	98.4	277,295	267,589	13,423	14,769
Trenton.....	61,938	62,175	61,418	62,522	100.8	99.4	115,248	115,357	8,108	9,340
Pulsa.....	70,114	68,187	71,144	73,970	98.6	92.2	124,190	126,352	17,068	15,806
Utica.....	40,189	48,857	52,551	51,661	93.6	94.6	101,244	99,989	496	529
Washington, D. C.....	231,583	317,522	254,980	345,569	90.9	91.9	353,961	474,320	132,888	188,766
Wichita.....	54,174	54,996	56,930	59,970	95.1	91.7	105,400	109,186	5,710	5,780
Wilmington, Del.....	53,297	55,494	53,300	57,010	100.0	97.3	94,480	98,175	12,117	14,329
Worcester.....	95,488	94,455	99,623	99,239	95.7	96.2	193,822	192,263	1,489	1,431
Yonkers.....	66,827	69,991	67,819	72,807	98.6	96.4	131,246	138,441	3,400	4,157
Youngstown.....	86,739	84,652	83,263	83,068	104.2	101.9	155,387	153,066	14,618	14,664

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II.

**No. 23.—MEDIAN AGE OF URBAN AND RURAL POPULATION, BY RACE AND SEX: 1930 AND 1940**

[DEFINITION OF MEDIAN.—The median may be defined as that item which is in the middle of a series arranged according to size. Thus, the median age is that age which divides a population group into two equal parts, one half being older, and one half younger, than the median. For definition of urban and rural population, see p. 2]

RACE AND YEAR	TOTAL			URBAN			RURAL-NONFARM			RURAL-FARM		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>1930</b>												
All classes.....	26.5	26.7	26.2	26.4	26.7	26.2	26.6	26.4	26.1	21.6	22.1	21.1
White.....	26.9	27.1	26.6	26.6	26.7	26.4	26.1	26.7	26.5	22.4	22.9	21.8
Negro.....	23.5	23.7	23.3	27.4	28.9	26.8	23.6	24.3	22.9	18.6	18.6	18.7
Other.....	23.8	25.9	19.6	27.5	29.8	19.7	22.7	24.7	19.4	19.6	21.4	17.6
<b>1940</b>												
All classes.....	29.0	29.1	29.0	31.0	31.0	31.1	27.7	28.1	27.3	24.4	24.7	23.9
White.....	29.5	29.5	29.5	31.3	31.2	31.4	28.0	28.3	27.6	25.4	25.6	25.0
Negro.....	25.3	25.3	25.3	28.9	29.2	28.7	25.0	25.6	24.6	19.8	19.9	19.6
Other.....	24.1	27.6	19.9	29.3	32.9	21.9	22.3	24.5	19.9	20.9	23.2	18.7

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II, Part I.

No. 24.—POPULATION, BY AGE AND SEX, 1910 TO 1940, AND BY WHITE, NON-WHITE, AND RURAL-FARM, 1940

AGE AND SEX	1910	1920	1930	1940			
				Total	White	Nonwhite	Rural-farm population
<b>Total</b> .....	91, 972, 266	106, 710, 630	122, 776, 046	131, 663, 275	118, 314, 876	12, 454, 406	20, 216, 128
<b>Under 5 years</b> .....	10, 631, 364	11, 573, 230	11, 444, 290	10, 641, 524	9, 229, 605	1, 312, 019	3, 011, 566
5 to 9 years.....	9, 760, 632	11, 398, 075	12, 607, 609	10, 684, 822	9, 328, 951	1, 355, 671	3, 154, 575
10 to 14 years.....	9, 107, 140	10, 641, 127	12, 004, 677	11, 745, 926	10, 352, 695	1, 393, 240	3, 387, 506
15 to 19 years.....	9, 063, 603	9, 430, 556	11, 552, 115	12, 333, 523	10, 964, 047	1, 369, 476	3, 836, 475
<b>20 to 24 years</b> .....	9, 086, 984	9, 277, 021	10, 870, 378	11, 567, 835	10, 340, 149	1, 247, 686	2, 513, 148
25 to 29 years.....	8, 180, 003	9, 063, 491	9, 833, 608	11, 096, 636	9, 904, 270	1, 192, 366	2, 070, 909
30 to 34 years.....	6, 972, 185	8, 071, 193	9, 120, 421	10, 242, 388	9, 206, 478	1, 035, 910	1, 823, 840
35 to 39 years.....	6, 396, 100	7, 773, 281	9, 208, 845	9, 645, 377	8, 516, 660	1, 028, 717	1, 742, 774
<b>40 to 44 years</b> .....	5, 261, 587	6, 345, 557	7, 990, 195	8, 757, 843	7, 936, 083	851, 760	1, 649, 848
45 to 49 years.....	4, 469, 197	5, 753, 630	7, 042, 279	8, 255, 225	7, 532, 766	722, 469	1, 645, 263
50 to 54 years.....	3, 900, 791	4, 734, 873	5, 975, 804	7, 256, 846	6, 680, 307	576, 539	1, 524, 365
55 to 59 years.....	2, 786, 951	3, 549, 124	4, 645, 677	5, 843, 865	5, 420, 845	417, 020	1, 396, 476
<b>60 to 64 years</b> .....	2, 267, 180	2, 962, 548	3, 751, 221	4, 728, 340	4, 416, 693	311, 647	1, 080, 434
65 to 69 years.....	1, 679, 803	2, 068, 475	2, 770, 605	3, 806, 657	3, 499, 046	307, 611	867, 436
70 to 74 years.....	1, 113, 728	1, 395, 026	1, 950, 004	2, 569, 532	2, 400, 845	168, 687	582, 131
75 years and over.....	1, 156, 293	1, 469, 704	1, 913, 196	2, 643, 125	2, 479, 840	163, 285	560, 460
Not reported.....	169, 065	168, 699	94, 022	---	---	---	---
<b>Median age</b> .....	24. 1	25. 3	26. 5	29. 0	29. 5	25. 2	24. 4
<b>Male</b> .....	47, 322, 377	53, 906, 431	62, 187, 080	68, 061, 592	59, 446, 546	6, 613, 044	15, 946, 376
<b>Under 5 years</b> .....	5, 350, 596	5, 857, 461	5, 806, 174	5, 354, 806	4, 701, 470	653, 336	1, 527, 306
5 to 9 years.....	4, 924, 123	5, 753, 001	6, 381, 106	5, 418, 828	4, 744, 537	674, 291	1, 608, 363
10 to 14 years.....	4, 601, 753	5, 369, 306	6, 068, 777	5, 952, 329	5, 269, 007	683, 322	1, 746, 957
15 to 19 years.....	4, 527, 292	4, 673, 792	5, 757, 826	6, 180, 153	5, 515, 920	664, 233	1, 782, 872
<b>20 to 24 years</b> .....	4, 690, 290	4, 527, 045	5, 336, 815	5, 692, 392	5, 118, 642	573, 750	1, 378, 215
25 to 29 years.....	4, 244, 348	4, 539, 233	4, 860, 180	5, 450, 662	4, 892, 013	558, 649	1, 099, 823
30 to 34 years.....	3, 666, 768	4, 130, 783	4, 861, 786	5, 070, 312	4, 573, 315	496, 996	948, 268
35 to 39 years.....	3, 367, 016	4, 074, 361	4, 679, 860	4, 745, 650	4, 254, 366	491, 284	896, 898
<b>40 to 44 years</b> .....	2, 786, 350	3, 285, 543	4, 136, 459	4, 419, 135	3, 995, 190	423, 945	841, 402
45 to 49 years.....	2, 378, 916	3, 117, 550	3, 671, 924	4, 209, 269	3, 842, 613	366, 656	855, 610
50 to 54 years.....	2, 110, 013	2, 535, 545	3, 131, 645	3, 762, 750	3, 451, 717	301, 033	818, 590
55 to 59 years.....	1, 498, 437	1, 880, 065	2, 425, 902	3, 011, 364	2, 790, 046	221, 318	714, 239
<b>60 to 64 years</b> .....	1, 195, 966	1, 581, 800	1, 941, 508	2, 397, 816	2, 232, 453	165, 363	597, 296
65 to 69 years.....	863, 994	1, 079, 817	1, 417, 812	1, 896, 068	1, 736, 937	159, 131	501, 457
70 to 74 years.....	561, 644	706, 301	991, 647	1, 270, 967	1, 183, 283	87, 684	323, 405
75 years and over.....	500, 338	696, 953	915, 752	1, 239, 065	1, 102, 036	77, 029	309, 656
Not reported.....	114, 443	92, 875	51, 816	---	---	---	---
<b>Median age</b> .....	24. 5	25. 8	26. 7	29. 1	29. 5	25. 4	24. 7
<b>Female</b> .....	44, 639, 889	51, 810, 199	60, 637, 966	65, 607, 683	58, 766, 332	6, 841, 361	14, 276, 818
<b>Under 5 years</b> .....	5, 280, 768	5, 715, 769	5, 638, 216	5, 286, 716	4, 528, 035	658, 681	1, 484, 268
5 to 9 years.....	4, 836, 509	5, 645, 074	6, 226, 501	5, 265, 799	4, 584, 414	681, 385	1, 546, 212
10 to 14 years.....	4, 505, 387	5, 271, 831	5, 936, 100	5, 793, 606	5, 093, 698	699, 918	1, 640, 611
15 to 19 years.....	4, 536, 321	4, 756, 764	5, 794, 290	6, 153, 370	5, 448, 127	705, 243	1, 573, 603
<b>20 to 24 years</b> .....	4, 476, 694	4, 749, 976	5, 533, 503	5, 895, 443	5, 226, 507	668, 936	1, 134, 933
25 to 29 years.....	3, 935, 655	4, 548, 258	4, 973, 428	5, 645, 976	5, 012, 257	633, 719	970, 986
30 to 34 years.....	3, 315, 417	3, 940, 410	4, 568, 635	5, 172, 076	4, 633, 162	538, 914	875, 572
35 to 39 years.....	3, 029, 084	3, 700, 920	4, 528, 785	4, 799, 718	4, 262, 292	537, 426	855, 886
<b>40 to 44 years</b> .....	2, 475, 237	3, 060, 014	3, 853, 736	4, 365, 708	3, 940, 893	427, 815	808, 446
45 to 49 years.....	2, 090, 281	2, 646, 070	3, 370, 356	4, 045, 956	3, 690, 143	355, 813	789, 653
50 to 54 years.....	1, 790, 778	2, 199, 329	2, 844, 159	3, 504, 086	3, 228, 890	275, 506	705, 755
55 to 59 years.....	1, 296, 514	1, 660, 059	2, 219, 685	2, 832, 501	2, 636, 799	195, 702	542, 237
<b>60 to 64 years</b> .....	1, 081, 184	1, 400, 748	1, 809, 713	2, 330, 524	2, 181, 240	149, 284	462, 136
65 to 69 years.....	815, 509	988, 658	1, 352, 793	1, 910, 569	1, 762, 109	148, 460	365, 979
70 to 74 years.....	552, 084	698, 735	958, 357	1, 296, 565	1, 217, 262	81, 303	228, 726
75 years and over.....	595, 955	772, 751	997, 444	1, 404, 060	1, 317, 804	86, 256	250, 905
Not reported.....	54, 612	55, 824	42, 206	---	---	---	---
<b>Median age</b> .....	23. 5	24. 7	26. 2	29. 0	29. 5	25. 1	23. 9

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II, Part I.

## No. 25.—POPULATION, BY AGE, BY STATES: 1940

[For totals for all ages, see table 5, p. 5]

DIVISION AND STATE	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years
<b>United States</b> .....	10,541,524	10,684,822	11,745,935	12,331,523	11,587,835	11,096,628	10,242,385	9,545,277
<b>New England</b> .....	572,727	612,658	704,271	763,029	728,419	679,222	629,358	595,024
Maine.....	69,994	73,654	77,459	78,779	66,373	61,457	58,732	54,426
New Hampshire.....	35,808	37,496	41,598	43,349	39,519	37,052	35,012	33,121
Vermont.....	29,953	30,232	32,344	32,599	28,940	26,212	25,090	23,336
Massachusetts.....	281,097	304,742	353,967	385,251	369,972	346,731	323,164	308,840
Rhode Island.....	46,617	50,559	60,624	68,181	63,444	59,242	54,361	51,616
Connecticut.....	108,061	116,785	138,261	154,890	160,162	148,526	133,009	123,085
<b>Middle Atlantic</b> .....	1,818,113	1,935,637	2,290,894	2,466,538	2,423,451	2,366,965	2,250,024	2,130,943
New York.....	635,794	696,102	1,046,410	1,124,336	1,146,721	1,173,379	1,153,722	1,114,286
New Jersey.....	266,264	280,722	337,776	375,112	376,912	361,291	340,976	322,700
Pennsylvania.....	726,055	762,813	905,708	967,090	899,818	832,295	755,326	693,997
<b>East North Central</b> .....	2,007,977	1,971,537	2,226,283	2,374,066	2,294,492	2,213,877	2,071,250	1,962,696
Ohio.....	507,316	495,366	576,178	626,072	598,762	567,056	529,896	494,515
Indiana.....	266,636	261,352	292,661	311,912	288,932	275,304	255,377	240,439
Illinois.....	546,962	542,750	618,280	672,906	687,842	683,556	643,176	612,917
Michigan.....	431,384	418,855	463,917	478,220	457,151	438,366	410,483	395,357
Wisconsin.....	253,780	253,205	273,247	284,805	261,805	249,595	232,329	219,470
<b>West North Central</b> .....	1,079,157	1,062,941	1,176,541	1,249,151	1,125,476	1,054,722	992,669	933,261
Minnesota.....	230,057	220,176	238,918	257,349	245,592	225,097	204,311	192,452
Iowa.....	207,117	199,557	216,676	231,086	211,145	193,678	178,561	169,311
Missouri.....	279,471	289,988	316,184	335,160	304,119	300,802	292,992	277,763
North Dakota.....	61,793	62,422	66,376	66,049	57,452	50,655	43,282	39,769
South Dakota.....	57,863	58,531	62,035	64,716	64,868	48,464	43,596	41,476
Nebraska.....	104,546	108,552	118,433	125,101	107,239	100,045	95,533	88,742
Kansas.....	138,310	143,416	157,740	168,790	144,955	135,921	132,082	123,748
<b>South Atlantic</b> .....	1,687,906	1,712,113	1,908,343	1,854,773	1,705,459	1,562,546	1,358,397	1,222,774
Delaware.....	19,478	19,682	21,352	23,297	24,268	22,822	21,312	19,772
Maryland.....	136,065	140,830	158,352	167,777	164,932	158,181	148,787	138,902
Dist. of Columbia.....	39,851	37,245	41,069	48,690	65,483	74,346	66,768	58,348
Virginia.....	244,077	252,466	270,267	288,330	258,320	228,916	200,633	181,267
West Virginia.....	196,579	191,967	205,792	205,636	173,477	156,724	137,501	123,392
North Carolina.....	375,998	383,841	401,880	404,550	355,734	313,254	261,961	228,352
South Carolina.....	210,060	214,036	215,989	224,090	193,891	160,513	128,812	115,046
Georgia.....	312,122	319,056	325,009	328,410	304,638	277,800	236,188	209,548
Florida.....	151,478	152,968	171,063	169,780	169,716	170,291	157,485	148,160
<b>East South Central</b> .....	1,035,923	1,108,522	1,144,296	1,121,789	970,590	898,721	796,566	716,569
Kentucky.....	285,192	284,900	293,858	294,807	245,842	222,848	199,280	183,845
Tennessee.....	278,112	283,807	294,084	297,044	264,938	249,845	225,553	200,488
Alabama.....	297,319	304,496	314,341	303,291	261,776	242,848	210,896	187,486
Mississippi.....	235,300	235,216	242,013	229,647	198,034	183,180	160,837	144,741
<b>West South Central</b> .....	1,223,135	1,248,056	1,314,813	1,322,456	1,156,254	1,123,416	1,034,363	943,296
Arkansas.....	197,502	200,273	206,340	204,913	172,073	158,057	143,070	128,457
Louisiana.....	230,627	227,976	243,836	240,398	216,396	207,021	190,000	174,149
Oklahoma.....	219,326	226,325	237,232	241,064	199,858	189,776	178,316	162,194
Texas.....	573,680	593,482	627,405	636,081	568,437	568,562	526,523	483,586
<b>Mountain</b> .....	406,063	385,085	391,940	398,088	369,400	348,560	310,366	278,656
Montana.....	48,681	45,213	48,101	51,136	61,278	47,028	41,152	36,361
Idaho.....	52,153	48,077	49,924	51,868	47,962	44,347	38,700	32,847
Wyoming.....	22,681	21,706	22,332	24,002	23,296	21,961	19,873	17,658
Colorado.....	96,600	93,705	97,618	102,144	96,233	91,870	84,579	76,397
New Mexico.....	64,001	61,156	58,435	54,301	46,630	44,306	38,761	34,510
Arizona.....	53,133	50,911	49,890	48,070	44,135	42,761	38,542	35,046
Utah.....	68,772	56,431	57,702	58,220	51,262	43,943	39,236	34,188
Nevada.....	9,082	7,886	7,878	8,249	9,584	10,344	9,483	8,654
<b>Pacific</b> .....	651,521	625,063	688,544	783,684	814,299	850,609	799,365	760,071
Washington.....	121,918	116,762	127,842	146,725	148,867	146,594	134,757	124,901
Oregon.....	76,109	73,209	81,987	92,358	90,502	91,166	83,859	77,801
California.....	453,494	435,092	478,715	544,601	574,930	612,849	580,749	557,369



No. 25.—POPULATION, BY AGE, BY STATES: 1940—Continued

DIVISION AND STATE	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 to 74 years	75 years and over	Median age
U. S.	5,787,843	5,255,225	7,254,845	5,543,845	4,728,340	3,805,657	2,569,532	2,643,125	29.0
N. E.	535,645	571,436	598,907	417,148	356,074	293,681	297,353	214,915	31.3
Maine	32,718	50,190	45,716	41,178	36,025	31,119	23,143	26,063	29.6
N. H.	32,681	31,731	29,844	24,720	22,378	18,656	14,336	15,728	31.6
Vt.	21,940	21,307	19,688	17,464	15,634	13,149	10,234	11,109	29.9
Mass.	306,967	299,276	265,033	217,660	184,417	152,480	106,642	109,852	31.8
R. I.	50,424	47,989	42,395	34,831	28,779	23,147	15,944	15,198	30.7
Conn.	120,925	120,945	105,711	81,295	68,841	54,830	37,054	36,970	31.1
M. A.	2,842,238	1,907,415	1,669,231	1,306,894	1,048,799	800,664	544,770	533,311	31.6
N. Y.	1,068,203	975,242	847,313	653,239	523,049	395,772	266,943	259,841	32.3
N. J.	315,720	297,595	259,570	198,622	158,024	119,172	80,239	79,410	31.3
Pa.	659,315	634,578	562,348	454,733	367,726	285,720	197,588	194,160	29.1
E. N. C.	1,839,687	1,796,861	1,587,410	1,273,829	1,015,752	801,889	567,456	599,419	30.5
Ohio	476,665	445,511	412,990	339,532	278,084	221,229	155,769	162,732	30.6
Ind.	224,229	214,731	197,681	170,153	138,454	114,896	83,416	89,722	30.3
Ill.	579,785	561,573	493,139	385,511	300,782	235,125	165,281	167,657	31.5
Mich.	368,276	353,299	301,048	230,268	178,629	135,556	94,286	101,012	29.3
Wis.	219,702	203,747	182,552	148,365	119,603	95,081	68,705	78,396	29.8
W. N. C.	835,504	861,515	778,537	650,428	534,146	437,895	317,964	354,789	30.9
Minn.	187,196	182,525	162,931	129,941	103,137	82,635	60,455	69,528	29.5
Iowa.	164,434	162,216	145,667	124,261	105,102	87,319	65,944	74,504	30.2
Mo.	255,033	245,347	219,608	187,378	155,014	130,197	94,729	100,819	31.1
N. Dak.	36,071	34,755	32,457	27,779	21,886	16,510	10,975	11,905	28.7
S. Dak.	39,761	39,161	36,059	29,227	22,772	17,668	12,358	14,414	27.4
Nebr.	85,942	84,078	77,719	63,245	50,907	41,252	29,564	34,816	29.7
Kans.	117,077	118,433	104,096	88,797	75,529	62,414	43,939	50,783	30.4
S. A.	1,662,132	938,154	802,099	634,214	518,258	440,012	267,891	261,088	26.6
Del.	18,331	17,354	15,225	12,204	10,342	8,295	5,824	6,447	30.6
Md.	127,260	115,111	99,600	78,372	64,959	52,494	35,183	35,839	29.6
D. C.	53,889	46,041	37,918	28,870	23,757	18,300	11,651	11,246	31.9
Va.	189,458	143,185	124,019	99,638	83,506	68,772	43,418	42,787	28.8
W. Va.	107,657	95,067	82,430	68,895	54,643	44,562	28,198	23,214	24.3
N. C.	189,054	162,980	140,112	110,844	86,723	73,637	41,627	41,276	23.1
S. C.	95,827	85,689	72,885	56,021	45,031	40,419	21,578	19,322	22.2
Ge.	174,120	156,489	134,244	102,773	83,965	75,095	42,732	40,867	24.5
Fla.	126,036	111,618	95,666	76,597	65,329	58,429	37,688	35,100	28.9
E. S. C.	600,804	544,867	473,965	383,028	310,985	276,903	167,891	168,095	24.7
Ky.	163,094	150,630	131,346	109,798	90,804	80,951	53,344	54,989	25.4
Tenn.	167,844	151,161	135,375	109,043	86,769	79,145	47,281	45,352	25.8
Ala.	151,443	139,114	118,630	93,317	74,793	62,041	36,903	37,265	23.8
Miss.	118,223	103,962	88,634	70,870	57,719	54,766	30,163	30,489	23.8
W. S. C.	796,885	718,366	596,151	480,007	381,535	325,126	196,718	196,848	26.2
Ark.	107,677	103,851	88,261	72,966	58,687	48,937	29,863	28,460	24.8
La.	144,381	126,685	102,289	81,324	63,361	56,162	31,636	31,205	25.5
Okla.	138,921	126,964	108,082	90,391	73,551	63,713	40,830	40,391	26.2
Tex.	407,908	360,666	297,539	235,829	185,936	156,314	94,389	96,792	26.8
Mt.	348,361	239,610	215,611	175,161	138,921	104,863	72,218	74,980	25.5
Mont.	32,816	35,399	36,116	28,789	21,230	15,356	10,410	10,491	26.8
Idaho	29,881	29,203	27,397	22,668	18,068	13,183	9,154	9,363	26.4
Wyo.	16,446	15,870	14,033	10,568	7,763	5,485	3,511	3,562	27.6
Colo.	71,219	69,495	61,973	52,385	43,580	34,927	25,427	26,084	29.2
N. Mex.	29,277	26,587	21,579	16,472	12,539	10,041	6,498	6,745	23.0
Ariz.	30,189	27,354	22,922	18,383	14,066	10,620	6,566	6,723	25.4
Utah	30,711	28,188	24,760	20,358	16,266	12,166	8,714	9,335	24.3
Nev.	7,872	7,634	6,731	5,541	4,599	3,085	1,938	1,777	31.1
Pac.	712,867	877,999	627,015	523,254	425,670	326,124	227,471	238,799	32.8
Wash.	118,525	117,709	112,915	96,698	77,569	57,963	41,943	44,414	32.3
Oreg.	75,718	75,091	70,939	60,071	48,392	37,085	26,650	28,993	32.4
Calif.	619,624	485,199	443,161	366,487	299,719	231,076	158,878	165,293	33.0

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II.

## No. 26.—ESTIMATED POPULATION, BY AGE, COLOR, AND SEX: JULY 1, 1946

(Preliminary. Based on 1940 census and births, deaths, immigration, and emigration between Apr. 1, 1940, and July 1, 1946)

AGE AND SEX	EXCLUDING ARMED FORCES OVERSEAS			INCLUDING ARMED FORCES OVERSEAS		
	Total	White	Nonwhite	Total	White	Nonwhite
<b>Total</b>	<b>131,893,404</b>	<b>125,194,417</b>	<b>14,698,983</b>	<b>141,228,694</b>	<b>135,423,078</b>	<b>14,805,615</b>
Under 5 years	13,416,573	11,757,727	1,658,846	13,416,573	11,757,727	1,658,846
5 to 9 years	11,633,281	10,061,045	1,572,236	11,633,281	10,061,045	1,572,236
10 to 14 years	10,622,640	9,245,719	1,376,921	10,622,640	9,245,719	1,376,921
15 to 19 years	10,997,954	9,609,637	1,328,317	11,481,333	10,114,021	1,367,312
20 to 24 years	11,619,690	10,306,710	1,312,980	12,153,853	10,799,120	1,354,733
25 to 29 years	11,433,001	10,207,551	1,225,450	11,608,542	10,368,740	1,239,802
30 to 34 years	11,009,150	9,545,090	1,164,070	11,088,539	9,917,834	1,170,705
35 to 39 years	10,272,923	9,262,461	1,010,472	10,305,704	9,292,630	1,013,074
40 to 44 years	9,509,894	8,537,382	972,512	9,524,372	8,550,781	973,591
45 to 49 years	8,648,718	7,829,968	818,730	8,657,561	7,838,149	819,412
50 to 54 years	7,952,181	7,289,491	662,690	7,956,342	7,293,323	663,019
55 to 59 years	6,937,659	6,423,493	514,166	6,939,589	6,425,274	514,315
60 to 64 years	5,467,637	5,066,504	381,133	5,468,079	5,066,912	381,167
65 to 69 years	4,149,616	3,870,318	279,298	4,149,806	3,870,492	279,314
70 to 74 years	3,026,402	2,836,641	189,761	3,026,402	2,836,641	189,761
75 years and over	2,196,077	2,064,670	231,407	2,196,077	2,064,670	231,407
Median age	30.1	30.7	25.4	29.9	30.4	25.3
<b>Male</b>	<b>69,050,109</b>	<b>61,890,154</b>	<b>7,159,955</b>	<b>70,379,823</b>	<b>63,113,242</b>	<b>7,266,581</b>
Under 5 years	6,840,299	6,011,177	829,122	6,840,299	6,011,177	829,122
5 to 9 years	5,922,262	5,134,559	787,703	5,922,262	5,134,559	787,703
10 to 14 years	5,390,317	4,702,891	687,426	5,390,317	4,702,891	687,426
15 to 19 years	5,330,787	4,688,456	642,331	5,814,106	5,132,840	681,266
20 to 24 years	5,490,105	4,874,103	622,002	5,028,057	5,364,202	663,755
25 to 29 years	5,478,349	4,911,093	567,256	5,052,476	5,070,868	581,608
30 to 34 years	5,324,082	4,785,640	538,422	5,402,004	4,857,547	544,457
35 to 39 years	5,045,295	4,564,396	480,899	5,077,526	4,594,025	483,501
40 to 44 years	4,699,261	4,237,487	461,774	4,713,344	4,250,491	462,853
45 to 49 years	4,304,157	3,904,119	400,039	4,312,859	3,912,148	400,721
50 to 54 years	3,991,328	3,661,028	330,297	3,995,457	3,664,831	330,626
55 to 59 years	3,513,036	3,250,014	263,022	3,514,960	3,251,789	263,171
60 to 64 years	2,753,285	2,552,623	200,662	2,753,727	2,553,031	200,696
65 to 69 years	2,042,680	1,897,396	145,284	2,042,850	1,897,570	145,280
70 to 74 years	1,448,677	1,351,389	97,288	1,448,677	1,351,389	97,288
75 years and over	1,470,232	1,363,784	106,448	1,470,232	1,363,784	106,448
Median age	30.1	30.7	25.1	29.6	30.1	24.9
<b>Female</b>	<b>70,843,297</b>	<b>63,304,263</b>	<b>7,539,034</b>	<b>70,848,870</b>	<b>63,309,836</b>	<b>7,539,034</b>
Under 5 years	6,576,274	5,746,550	829,724	6,576,274	5,746,550	829,724
5 to 9 years	5,711,019	4,926,486	784,533	5,711,019	4,926,486	784,533
10 to 14 years	5,232,323	4,542,828	689,495	5,232,323	4,542,828	689,495
15 to 19 years	5,667,167	4,921,181	745,986	5,667,167	4,921,181	745,986
20 to 24 years	6,123,585	5,432,607	690,978	6,125,796	5,434,818	690,978
25 to 29 years	5,954,652	5,295,458	658,194	5,956,066	5,297,872	658,194
30 to 34 years	5,685,088	5,059,440	625,648	5,685,935	5,060,287	625,648
35 to 39 years	5,227,638	4,698,065	529,573	5,228,178	4,698,605	529,573
40 to 44 years	4,810,633	4,290,895	519,738	4,811,028	4,300,290	510,738
45 to 49 years	4,344,561	3,925,870	418,691	4,344,692	3,926,001	418,691
50 to 54 years	3,960,856	3,628,463	332,393	3,960,885	3,628,492	332,393
55 to 59 years	3,424,823	3,173,479	251,344	3,424,629	3,173,485	251,144
60 to 64 years	2,714,352	2,533,881	180,471	2,714,352	2,533,881	180,471
65 to 69 years	2,106,956	1,972,922	134,034	2,106,956	1,972,922	134,034
70 to 74 years	1,577,725	1,485,252	92,473	1,577,725	1,485,252	92,473
75 years and over	1,725,845	1,600,886	124,959	1,725,845	1,600,886	124,959
Median age	30.1	30.7	25.7	30.1	30.7	25

Source: Department of Commerce, Bureau of the Census; Population—Special Reports, Series P-47, No. 2



## No. 27.—ENUMERATED POPULATION, 1940, AND FORECASTS, 1955 TO 2000, BY AGE AND SEX

[Forecasts are comparable with census figures for 1940 and earlier years, no adjustment having been made for census underenumeration of children under 5 years of age. These figures constitute 2 of 6 series of forecasts published by Bureau of the Census, each based on different set of assumptions as to fertility, mortality, and immigration after July 1, 1945. Published totals obtained by rounding computed totals and hence not always exactly equal to sum of figures shown by age and sex]

[In thousands]

AGE AND SEX	Enu- mer- ated popu- lation, 1940 <sup>1</sup>	FORECASTS ON ASSUMPTIONS OF MEDIUM FERTILITY, MEDIUM MORTALITY, AND NO IMMIGRATION *				FORECASTS ON ASSUMPTIONS OF HIGH FERTILITY, LOW MORTALITY, AND 1,000,000 NET IMMIGRATION		
		1955	1965	1975	2000	1955	1965	1975
<b>Total</b> .....	131,669	149,840	154,692	162,327	162,312	185,126	169,270	166,071
Under 5 years.....	10,542	11,112	10,948	11,089	9,847	12,435	13,089	14,502
5 to 9 years.....	10,085	12,844	11,861	11,919	10,645	14,337	13,234	14,935
10 to 14 years.....	11,746	13,846	11,735	11,589	10,702	13,065	12,254	12,985
15 to 19 years.....	12,354	11,247	12,768	11,296	10,812	11,480	14,451	13,876
20 to 24 years.....	11,588	10,514	13,705	11,532	11,120	10,943	14,265	13,599
25 to 29 years.....	11,097	11,448	11,067	12,602	11,546	11,987	11,839	14,846
30 to 34 years.....	10,242	11,808	10,330	12,500	11,663	12,257	11,121	14,443
35 to 39 years.....	9,545	11,167	11,197	10,875	11,271	11,322	11,897	11,801
40 to 44 years.....	8,788	10,615	11,548	10,662	10,353	10,674	11,979	10,930
45 to 49 years.....	8,255	9,558	10,728	10,802	11,011	9,707	10,900	11,598
50 to 54 years.....	7,357	8,706	9,988	10,941	11,620	8,774	10,181	11,540
55 to 59 years.....	5,868	7,005	8,780	9,817	11,374	7,687	9,002	10,338
60 to 64 years.....	4,760	6,594	7,403	8,618	8,331	6,661	7,868	9,206
65 to 69 years.....	3,748	5,104	5,897	6,871	7,158	5,317	6,278	7,614
70 to 74 years.....	2,561	3,832	4,435	5,019	5,189	3,561	4,333	5,788
75 years and over.....	2,655	3,857	4,328	5,758	8,161	3,950	5,199	6,553
Median age.....	29.0	31.6	33.9	34.1	37.4	31.0	32.0	32.5
<b>Male</b> .....	64,042	74,409	77,431	80,484	81,470	77,236	84,355	82,571
Under 5 years.....	5,355	5,888	5,688	5,637	5,030	6,345	6,684	7,441
5 to 9 years.....	5,419	6,660	5,809	6,006	5,449	7,320	6,773	7,660
10 to 14 years.....	6,952	7,067	5,996	5,926	5,477	7,130	6,785	7,106
15 to 19 years.....	6,180	5,718	6,607	5,770	5,530	5,839	7,398	6,868
20 to 24 years.....	5,692	5,322	6,985	5,936	5,400	5,688	7,331	6,997
25 to 29 years.....	5,451	5,780	5,627	6,421	5,898	6,117	6,090	7,653
30 to 34 years.....	5,070	5,389	5,216	6,868	5,951	6,102	6,407	7,440
35 to 39 years.....	4,746	5,422	5,637	5,506	5,732	5,495	6,049	6,052
40 to 44 years.....	4,419	5,167	5,692	5,062	5,518	5,171	5,916	5,568
45 to 49 years.....	4,209	4,732	5,175	5,408	5,579	4,736	5,269	5,845
50 to 54 years.....	3,753	4,268	4,808	5,341	5,850	4,253	4,878	5,650
55 to 59 years.....	3,025	3,716	4,206	4,657	5,917	3,755	4,322	4,910
60 to 64 years.....	2,413	3,211	3,507	4,030	4,316	3,246	3,655	4,325
65 to 69 years.....	1,809	2,519	2,752	3,162	3,401	2,587	2,957	3,551
70 to 74 years.....	1,265	1,672	2,030	2,237	2,831	1,744	2,245	2,634
75 years and over.....	1,244	1,708	2,096	2,404	3,301	1,780	2,308	2,843
Median age.....	29.1	30.9	32.2	33.2	36.5	30.2	31.0	31.7
<b>Female</b> .....	65,606	75,431	79,061	81,873	81,841	77,890	84,915	82,500
Under 5 years.....	5,187	5,443	5,260	5,402	4,816	6,090	6,406	7,121
5 to 9 years.....	5,206	6,284	5,532	5,821	5,196	7,008	6,461	7,285
10 to 14 years.....	5,794	6,779	5,739	5,663	5,226	6,826	6,469	6,819
15 to 19 years.....	6,163	5,529	6,248	5,526	5,281	5,611	7,058	6,518
20 to 24 years.....	5,895	5,193	6,719	5,695	5,489	5,355	6,934	6,592
25 to 29 years.....	5,646	5,668	5,400	6,182	5,648	5,870	5,748	7,193
30 to 34 years.....	5,172	6,009	5,114	6,632	5,712	5,155	5,424	7,003
35 to 39 years.....	4,800	5,745	5,560	5,369	5,538	5,827	5,848	5,749
40 to 44 years.....	4,369	5,448	5,857	4,999	5,335	5,502	6,062	5,372
45 to 49 years.....	4,046	4,927	5,552	5,394	5,433	4,970	5,691	5,742
50 to 54 years.....	3,504	4,450	5,180	5,601	5,770	4,491	5,303	5,800
55 to 59 years.....	2,843	3,389	4,544	5,100	5,957	3,932	4,681	5,429
60 to 64 years.....	2,347	3,383	3,696	4,588	4,516	3,416	4,083	4,882
65 to 69 years.....	1,879	2,676	3,145	3,709	3,756	2,781	3,321	4,063
70 to 74 years.....	1,296	1,860	2,405	2,782	3,358	1,917	2,588	3,134
75 years and over.....	1,411	2,150	2,730	3,352	4,861	2,190	2,892	3,710
Median age.....	29.0	32.3	34.4	35.0	38.3	31.6	33.1	33.4

<sup>1</sup> Data for population 55 years old and over have been adjusted for age biases in nonwhite population as enumerated.

Source: Department of Commerce, Bureau of the Census; Forecasts of the Population of the U. S., 1945-1975.

**No. 28.—NATIVE POPULATION, BORN IN STATE OF RESIDENCE AND BORN ELSEWHERE: 1850 TO 1940**

YEAR	Total	Born in State of residence	BORN IN OTHER STATES		State of birth not reported	Born in outlying possessions	American citizens born abroad or at sea
			Number	Percent			
1850.....	17,742,961	13,457,049	4,251,250	24.0	34,662		
1860.....	23,353,366	17,527,069	5,774,434	24.7	49,265		2,618
1870.....	32,991,142	25,321,340	7,667,320	23.2	12,262	51	169
1880.....	43,475,840	33,882,734	9,592,764	22.1		51	291
1890.....	53,372,703	41,871,611	11,604,108	20.8	396,652	322	10,010
1900.....	55,653,299	51,901,722	13,601,045	20.6	180,458	2,923	57,151
1910.....	78,456,380	61,185,305	16,910,114	21.6	285,686	7,365	57,911
1920.....	91,789,928	71,071,013	20,274,450	22.1	313,582	38,020	92,863
1930.....	108,570,897	82,677,519	25,388,100	23.4	238,409	158,032	130,677
1940.....	120,074,379	92,899,819	26,915,921	22.4	279,514	166,956	122,169

† White and free colored population only.

‡ Exclusive of population of Indian Territory and Indian reservations, specially enumerated in 1890, with a native population of 325,451 not distributed by State of birth. These areas were not enumerated prior to 1890.

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, State of Birth of the Native Population.

**No. 29.—NATIVE MALE AND FEMALE POPULATION, BY GEOGRAPHIC DIVISION OF BIRTH AND OF RESIDENCE: 1940**

[Excludes small number of native persons born outside continental United States and persons for whom State of birth not reported]

DIVISION AND SEX	BORN IN SPECIFIED DIVISION			Born in and living in the specified division	LIVING IN SPECIFIED DIVISION		
	Total	Living in other divisions			Total	Born in other divisions	
		Number	Percent			Number	Percent
Total.....	119,515,740	17,831,277	14.9	101,684,463	119,515,740	17,831,277	14.9
MALE							
United States.....	59,628,562	9,027,990	15.1	50,600,572	59,628,562	9,027,920	15.1
New England.....	3,555,641	422,102	11.9	3,133,539	3,392,769	259,230	7.6
Middle Atlantic.....	11,372,406	1,166,232	10.3	10,206,174	11,243,076	1,037,502	9.2
East North Central.....	11,834,288	1,660,916	13.9	10,233,372	12,005,548	1,772,176	14.8
West North Central.....	7,377,356	1,382,762	25.5	5,994,594	6,376,890	882,296	13.9
South Atlantic.....	8,957,205	1,106,622	12.4	7,850,583	8,677,089	826,506	9.5
East South Central.....	6,346,065	1,374,941	21.7	4,971,124	5,330,265	359,141	6.7
West South Central.....	6,339,458	867,281	13.7	5,472,177	6,387,079	914,902	14.3
Mountain.....	1,627,517	409,101	25.1	1,218,416	1,965,619	767,203	38.6
Pacific.....	2,168,626	148,033	6.8	2,020,593	4,229,632	2,209,044	52.3
FEMALE							
United States.....	59,887,178	8,803,287	14.7	51,083,891	59,887,178	8,803,287	14.7
New England.....	3,608,415	390,758	10.8	3,217,657	3,491,020	273,363	7.8
Middle Atlantic.....	11,520,634	1,086,435	9.4	10,434,199	11,527,168	1,092,969	9.5
East North Central.....	11,841,268	1,622,853	13.7	10,218,415	11,971,546	1,753,131	14.7
West North Central.....	7,337,895	1,386,129	25.7	5,951,766	6,321,390	869,624	13.8
South Atlantic.....	9,119,393	1,110,377	12.2	8,009,016	8,796,107	787,091	8.9
East South Central.....	6,347,030	1,316,753	20.7	5,030,277	5,386,155	355,878	6.6
West South Central.....	6,361,540	834,631	13.1	5,527,009	6,357,754	830,745	13.1
Mountain.....	1,608,159	420,726	26.2	1,185,412	1,876,058	690,646	36.8
Pacific.....	2,144,866	134,725	6.3	2,010,140	4,159,980	2,149,840	51.7

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, State of Birth of the Native Population.

**No. 80.—NATIVE POPULATION, BY STATE OF BIRTH AND BY STATE OF RESIDENCE:  
1940**

[Excludes small number of native persons born outside continental United States and persons for whom State of birth not reported]

STATE	BORN IN SPECIFIED STATE			Born in and living in specified State	LIVING IN SPECIFIED STATE		
	Total	Living in other States			Total	Born in other States	
		Number	Percent			Number	Percent
United States.....	119,515,740	26,915,921	22.5	92,599,819	119,515,740	26,915,921	22.5
New England:							
Maine.....	880,216	199,348	22.6	680,868	757,475	76,607	10.1
New Hampshire.....	444,171	140,691	31.7	303,480	420,073	116,593	27.8
Vermont.....	415,221	150,287	36.2	264,934	324,477	59,543	18.4
Massachusetts.....	2,669,666	618,000	17.3	2,051,556	3,438,211	486,655	14.2
Rhode Island.....	570,412	120,907	21.2	449,505	572,052	122,547	21.4
Connecticut.....	1,284,480	251,031	19.5	1,033,449	1,371,501	338,052	24.6
Middle Atlantic:							
New York.....	10,256,420	1,477,194	14.4	8,781,226	10,424,237	1,643,011	15.8
New Jersey.....	2,874,093	481,538	16.8	2,392,555	3,442,039	1,049,484	30.5
Pennsylvania.....	9,760,527	1,796,894	18.4	7,963,643	8,904,568	940,925	10.6
East North Central:							
Ohio.....	6,148,890	1,127,978	18.3	5,020,912	6,366,964	1,346,052	21.2
Indiana.....	3,458,567	861,046	24.9	2,597,509	3,309,947	712,438	21.5
Illinois.....	6,991,305	1,658,097	23.7	5,333,206	6,903,476	1,570,268	22.7
Michigan.....	3,966,807	604,365	15.2	3,362,442	4,552,287	1,189,845	25.7
Wisconsin.....	3,139,987	665,702	21.2	2,474,285	2,842,420	368,135	12.7
West North Central:							
Minnesota.....	2,587,228	635,067	24.5	1,952,171	2,486,655	534,484	21.5
Iowa.....	3,045,096	1,083,678	35.6	1,961,328	2,413,120	451,792	18.7
Missouri.....	4,154,126	1,382,036	33.3	2,772,100	3,660,163	888,063	24.3
North Dakota.....	692,427	267,938	38.7	424,489	565,092	140,603	24.9
South Dakota.....	683,117	268,551	39.3	414,566	597,000	182,434	30.6
Nebraska.....	1,496,039	575,175	38.4	920,864	1,231,181	310,317	25.2
Kansas.....	2,057,308	867,036	41.7	1,200,272	1,745,069	544,797	31.2
South Atlantic:							
Delaware.....	237,348	66,139	27.9	171,219	250,825	79,606	31.7
Maryland.....	1,627,718	332,346	20.4	1,295,370	1,730,175	434,805	25.1
Dist. of Columbia.....	347,601	127,536	36.7	220,065	622,696	402,633	64.7
Virginia.....	2,011,203	808,933	26.9	2,202,270	2,548,297	446,027	16.8
West Virginia.....	1,962,676	427,374	21.9	1,535,302	1,556,613	331,111	17.8
North Carolina.....	3,823,537	611,096	16.0	3,212,441	3,556,035	343,594	9.7
South Carolina.....	2,265,030	538,762	23.8	1,727,268	1,892,648	165,378	8.7
Georgia.....	3,098,183	924,683	29.8	2,173,500	3,106,477	333,177	10.7
Florida.....	1,112,094	172,213	15.5	939,879	1,809,430	869,551	48.1
East South Central:							
Kentucky.....	3,479,789	946,669	27.2	2,533,120	2,825,782	292,662	10.4
Tennessee.....	3,389,749	847,723	25.0	2,542,026	2,899,062	457,036	15.8
Alabama.....	3,305,311	753,986	22.8	2,551,325	2,817,227	265,902	9.4
Mississippi.....	2,618,245	641,110	24.5	1,977,136	2,174,349	197,213	9.1
West South Central:							
Arkansas.....	2,286,874	780,748	34.1	1,506,126	1,938,441	432,315	22.3
Louisiana.....	2,435,189	404,393	16.6	2,030,796	2,332,116	301,320	12.9
Oklahoma.....	2,049,185	690,207	33.7	1,358,978	2,307,838	948,860	41.1
Texas.....	6,929,750	893,200	12.9	6,036,550	6,166,438	1,129,888	18.3
Mountains:							
Montana.....	422,346	153,673	36.4	268,673	509,144	231,471	45.3
Idaho.....	388,843	143,476	36.9	244,867	496,836	251,971	50.7
Wyoming.....	167,125	72,660	43.5	94,465	232,754	138,289	59.4
Colorado.....	824,374	299,967	36.4	524,417	1,046,758	522,341	49.9
New Mexico.....	445,696	123,460	27.7	322,136	514,531	192,395	37.4
Arizona.....	312,242	92,974	29.8	219,268	487,566	268,298	55.1
Utah.....	606,717	173,239	28.6	433,478	515,029	81,551	15.8
Nevada.....	66,912	31,650	47.3	35,262	98,067	62,795	64.0
Pacific:							
Washington.....	937,077	220,929	23.6	716,148	1,506,469	790,321	52.5
Oregon.....	630,602	177,401	28.1	453,201	991,909	538,608	54.3
California.....	2,745,812	216,641	7.9	2,529,171	5,891,339	3,362,168	57.1

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, State of Birth of the Native Population.

### NO. 81.—MIGRATION STATUS OF THE POPULATION AND TYPE OF MIGRATION, BY STATES 1940

[Migrants defined: Persons 5 years old and over who lived in different counties (or quasi counties) in 1940 and 1935. A city of 100,000 inhabitants or more is treated as one quasi county and remainder of county as another]

PLACE OF RESIDENCE IN 1940	Total population	Non-migrants	MIGRANTS BY TYPE OF MIGRATION					Persons abroad on Apr. 1, 1935 <sup>1</sup>	Migration status not reported
			Total		Within the State	Between States			
			Number	Per cent of total population		From contiguous States	From noncontiguous States		
U. S.....	131,669,275	114,438,396	15,734,798	12.0	9,239,749	3,142,257	3,352,792	359,499	1,136,682
<b>New England.....</b>	<b>8,437,290</b>	<b>7,615,902</b>	<b>719,372</b>	<b>8.6</b>	<b>412,576</b>	<b>174,432</b>	<b>132,364</b>	<b>29,264</b>	<b>74,652</b>
Maine.....	847,226	769,676	67,100	7.9	40,663	3,692	22,625	2,964	7,366
N. Hampshire.....	491,524	431,137	48,688	9.9	14,574	25,566	8,558	1,283	10,416
Vermont.....	359,231	315,107	38,611	10.7	19,646	13,548	5,417	1,366	4,147
Massachusetts.....	4,316,721	3,921,560	345,593	8.0	235,464	62,163	47,976	13,837	35,731
Rhode Island.....	713,346	652,610	54,601	7.7	28,545	15,610	13,446	1,762	4,373
Connecticut.....	1,709,242	1,524,712	164,779	9.6	76,774	53,663	34,342	7,032	12,719
<b>Middle Atlantic.....</b>	<b>27,539,487</b>	<b>25,252,334</b>	<b>1,930,536</b>	<b>7.0</b>	<b>1,169,578</b>	<b>452,312</b>	<b>306,446</b>	<b>149,634</b>	<b>206,963</b>
New York.....	13,479,142	12,379,549	877,413	6.5	517,015	187,035	173,363	122,229	99,951
New Jersey.....	4,166,165	3,674,736	431,848	10.4	238,740	135,361	67,747	13,669	39,722
Pennsylvania.....	9,900,180	9,198,049	621,775	6.3	414,123	129,816	77,336	13,546	67,310
<b>E. N. Central.....</b>	<b>26,626,342</b>	<b>23,519,483</b>	<b>2,869,527</b>	<b>10.8</b>	<b>1,902,054</b>	<b>518,523</b>	<b>548,956</b>	<b>46,036</b>	<b>191,296</b>
Ohio.....	6,907,612	6,104,813	742,202	10.7	500,019	135,416	106,767	9,641	50,956
Indiana.....	3,427,796	2,974,632	425,268	12.4	254,233	106,915	62,130	2,931	24,765
Illinois.....	7,897,241	7,068,481	751,363	9.5	418,331	145,363	187,729	16,629	61,366
Michigan.....	5,256,106	4,553,691	657,604	12.5	426,033	70,542	161,029	14,532	30,279
Wisconsin.....	3,137,587	2,817,668	293,090	9.3	203,438	58,347	31,305	2,903	23,928
<b>W. N. Central.....</b>	<b>12,516,990</b>	<b>11,650,925</b>	<b>1,725,414</b>	<b>12.8</b>	<b>1,097,250</b>	<b>428,208</b>	<b>291,956</b>	<b>12,211</b>	<b>128,446</b>
Minnesota.....	2,792,300	2,434,478	328,663	11.8	212,182	73,077	43,404	3,906	25,253
Iowa.....	2,538,268	2,183,733	323,540	12.7	217,723	75,764	30,053	1,605	29,390
Missouri.....	3,784,664	3,258,583	487,529	12.9	269,641	138,171	59,717	3,171	35,381
North Dakota.....	641,935	570,128	63,774	9.9	43,566	13,718	6,500	1,609	7,024
South Dakota.....	642,961	554,448	82,218	12.8	54,516	20,024	7,678	565	5,750
Nebraska.....	1,315,834	1,130,815	175,800	13.4	117,195	39,265	19,240	821	6,296
Kansas.....	1,801,028	1,518,740	263,890	14.7	162,437	66,069	35,364	1,134	17,264
<b>South Atlantic.....</b>	<b>17,823,151</b>	<b>15,406,809</b>	<b>2,286,717</b>	<b>12.4</b>	<b>1,140,764</b>	<b>544,616</b>	<b>521,337</b>	<b>26,222</b>	<b>163,403</b>
Delaware.....	266,505	228,908	34,430	12.9	10,979	13,818	9,633	796	2,371
Maryland.....	1,821,244	1,600,238	190,634	10.5	53,652	80,115	56,867	4,614	25,758
Dist. of Col.....	663,091	532,956	121,206	18.3	—	26,350	92,856	4,196	4,753
Virginia.....	2,677,773	2,397,028	342,963	12.8	171,583	96,472	74,926	5,441	22,321
West Virginia.....	1,991,974	1,765,407	179,253	9.4	110,539	49,463	19,251	962	16,353
N. Carolina.....	3,571,623	3,184,447	344,362	9.6	239,171	68,978	38,213	1,680	41,134
S. Carolina.....	1,899,904	1,716,855	186,377	8.9	103,761	28,350	27,266	1,058	13,514
Georgia.....	3,123,723	2,669,034	421,375	13.5	296,241	85,478	39,656	2,097	31,217
Florida.....	1,897,414	1,461,936	403,097	21.2	154,836	85,692	162,669	5,378	27,008
<b>E. S. Central.....</b>	<b>10,778,226</b>	<b>9,566,537</b>	<b>1,164,430</b>	<b>10.2</b>	<b>747,602</b>	<b>241,409</b>	<b>115,419</b>	<b>4,229</b>	<b>103,039</b>
Kentucky.....	2,846,627	2,567,251	269,399	9.5	175,477	64,265	29,637	1,319	17,658
Tennessee.....	2,915,841	2,571,486	311,634	10.7	188,934	87,246	35,454	1,169	31,563
Alabama.....	2,632,961	2,530,516	274,254	9.7	199,892	45,104	29,258	1,017	27,174
Mississippi.....	2,183,796	1,907,294	249,143	11.4	183,299	44,774	21,670	724	26,645
<b>W. S. Central.....</b>	<b>12,064,525</b>	<b>10,900,001</b>	<b>2,033,653</b>	<b>16.6</b>	<b>1,444,737</b>	<b>368,127</b>	<b>220,789</b>	<b>12,768</b>	<b>118,111</b>
Arkansas.....	1,949,387	1,669,225	257,227	13.2	153,555	75,711	27,961	546	22,389
Louisiana.....	2,363,880	2,104,790	236,356	10.0	139,170	62,199	34,987	2,086	20,648
Oklahoma.....	2,336,434	1,918,743	387,429	16.6	262,405	93,313	31,711	1,020	29,242
Texas.....	6,414,824	5,207,243	1,152,641	18.0	889,607	138,904	126,130	9,108	45,532
<b>Mountain.....</b>	<b>4,150,603</b>	<b>3,274,188</b>	<b>627,261</b>	<b>19.9</b>	<b>336,857</b>	<b>236,518</b>	<b>259,886</b>	<b>9,651</b>	<b>39,596</b>
Montana.....	569,456	450,632	102,328	18.3	56,565	18,382	27,375	1,660	4,836
Idaho.....	524,873	398,666	120,005	22.9	46,221	29,961	43,623	1,099	6,065
Wyoming.....	259,742	193,475	54,391	21.7	15,792	21,142	17,457	363	2,511
Colorado.....	1,123,296	886,704	234,499	20.8	104,951	62,631	56,687	1,647	10,479
New Mexico.....	631,818	424,000	101,830	19.1	33,142	49,197	19,491	631	5,355
Arizona.....	499,261	369,392	121,904	24.4	29,479	24,216	68,307	1,907	6,093
Utah.....	550,310	477,710	67,905	12.3	37,079	14,257	16,669	1,185	3,515
Nevada.....	110,247	73,599	34,429	31.2	7,628	16,724	10,077	569	1,603
<b>Pacific.....</b>	<b>9,733,262</b>	<b>7,353,017</b>	<b>2,317,888</b>	<b>23.8</b>	<b>1,094,031</b>	<b>186,212</b>	<b>1,043,645</b>	<b>71,992</b>	<b>91,266</b>
Washington.....	1,736,191	1,343,777	364,885	21.0	177,673	42,191	145,021	12,904	14,622
Oregon.....	1,689,684	1,298,933	277,126	25.4	117,310	65,296	94,520	4,390	9,366
California.....	6,907,387	5,110,207	1,678,877	24.3	799,048	72,725	804,104	53,928	67,277

<sup>1</sup> Designated as "Immigrants (from possessions or foreign countries)" in 1940 census reports.

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, Internal Migration, 1935 to 1940—Color and Sex of Migrants.

# **NO. 32.—IN-MIGRANTS AND OUT-MIGRANTS, AND NET MIGRATION BY SEX, BY STATES: 1940**

[In-migrants are classified by division or State of residence in 1940; out-migrants by division or State of residence in 1935. In-migrants shown here represent "migrants between States" in table 31. See head-note, table 31. Minus sign (—) denotes net out-migration]

DIVISION AND STATE	NUMBER					PERCENT OF 1940 POPULATION				
	In-migrants	Out-migrants	Net migration			In-migrants	Out-migrants	Net migration		
			Total	Male	Female			Total	Male <sup>1</sup>	Female <sup>2</sup>
<b>United States</b> .....	<b>4,495,049</b>	<b>5,495,049</b>				<b>4.9</b>	<b>4.9</b>			
<b>New England</b> .....	<b>304,796</b>	<b>321,982</b>	<b>-15,186</b>	<b>-7,756</b>	<b>-7,430</b>	<b>3.6</b>	<b>3.8</b>	<b>-0.2</b>	<b>-0.2</b>	<b>-0.2</b>
Maine.....	26,517	35,144	-8,627	-3,425	-5,202	3.1	4.1	-1.0	-.8	-1.3
New Hampshire.....	34,114	37,996	-3,882	+3,107	-7,011	6.9	5.7	+1.2	+1.3	+1.2
Vermont.....	18,966	24,696	-5,731	-2,291	-3,440	5.3	6.9	-1.6	-1.3	-1.9
Massachusetts.....	110,139	142,391	-32,242	-18,902	-13,340	11.6	3.3	+7.7	+7.9	+6.6
Rhode Island.....	29,066	28,646	+411	+1,109	-698	4.1	4.0	+1.1	+1.3	-.2
Connecticut.....	88,005	63,120	+24,885	+12,646	+12,239	5.1	3.7	+1.6	+1.5	+1.4
<b>Middle Atlantic</b> .....	<b>766,658</b>	<b>892,100</b>	<b>-125,442</b>	<b>-84,979</b>	<b>-40,463</b>	<b>2.8</b>	<b>3.2</b>	<b>-.4</b>	<b>-.6</b>	<b>-.3</b>
New York.....	350,396	417,548	-67,152	-42,793	-24,357	2.7	3.1	-.4	-.6	-.2
New Jersey.....	193,108	163,727	+29,381	+13,673	+15,708	4.6	3.9	+1.7	+1.7	+1.8
Pennsylvania.....	207,152	310,825	-103,673	-54,959	-48,714	3.1	3.1	-1.0	-1.1	-1.0
<b>East North Central</b> .....	<b>1,447,473</b>	<b>1,028,767</b>	<b>+41,706</b>	<b>+18,768</b>	<b>+23,938</b>	<b>4.9</b>	<b>3.9</b>	<b>+1.0</b>	<b>+1.1</b>	<b>+1.2</b>
Ohio.....	242,183	251,934	-9,751	-7,625	-2,126	3.6	3.6	-.1	-.2	-.1
Indiana.....	171,035	144,753	+26,282	+14,319	+11,963	3.0	4.2	+1.8	+1.8	+1.7
Illinois.....	333,032	352,087	-19,055	-11,860	-7,195	4.2	4.5	-.2	-.3	-.2
Michigan.....	281,571	155,565	+126,006	+37,430	+88,576	4.4	3.0	+1.4	+1.4	+1.6
Wisconsin.....	89,652	121,428	-31,776	-16,495	-15,280	2.9	3.9	-1.0	-1.0	-1.0
<b>West North Central</b> .....	<b>628,164</b>	<b>1,137,871</b>	<b>-509,707</b>	<b>260,157</b>	<b>-769,864</b>	<b>4.6</b>	<b>8.4</b>	<b>-3.8</b>	<b>-3.8</b>	<b>-3.7</b>
Minnesota.....	116,481	134,426	-17,944	-8,671	-9,273	4.2	4.8	-.6	-.6	-.7
Iowa.....	105,517	165,700	-60,183	-30,186	-30,007	4.2	6.6	-2.4	-2.4	-2.4
Missouri.....	197,888	283,377	-85,489	-46,262	-39,227	5.3	7.5	-2.3	-2.5	-2.1
North Dakota.....	20,218	86,699	-66,481	-33,195	-33,286	3.1	13.5	-10.4	-9.9	-10.9
South Dakota.....	27,702	88,914	-61,212	-31,300	-29,912	4.3	13.8	-9.5	-9.4	-9.6
Nebraska.....	58,005	165,253	-107,248	-55,054	-52,194	4.6	12.6	-8.1	-8.3	-7.9
Kansas.....	101,453	212,503	-111,050	-55,409	-55,641	5.6	11.8	-6.2	-6.1	-6.2
<b>South Atlantic</b> .....	<b>1,065,953</b>	<b>872,438</b>	<b>+193,515</b>	<b>+114,628</b>	<b>+78,887</b>	<b>6.9</b>	<b>4.9</b>	<b>+2.0</b>	<b>+1.3</b>	<b>+1.9</b>
Delaware.....	23,451	13,126	+10,325	+5,809	+4,516	8.8	4.9	+3.9	+4.3	+3.4
Maryland.....	136,982	75,664	+61,318	+34,190	+27,128	7.5	4.2	+3.4	+3.7	+3.0
Dist. of Columbia.....	121,206	98,719	+22,487	+9,318	+13,169	18.3	14.9	+3.4	+2.9	+3.8
Virginia.....	171,398	127,448	+43,950	+30,531	+13,419	6.4	4.8	+1.6	+2.3	+1.0
West Virginia.....	69,714	96,956	-27,242	-14,446	-12,796	3.6	5.0	-1.4	-1.5	-1.4
North Carolina.....	106,191	120,131	-13,940	-6,325	-7,615	2.9	3.4	-.4	-.4	-.5
South Carolina.....	65,616	81,803	-16,187	-4,996	-11,191	3.5	4.3	-.8	-.5	-1.1
Georgia.....	125,134	158,379	-33,245	-11,993	-21,252	4.0	5.1	-1.1	-.8	-1.3
Florida.....	248,261	101,412	+146,849	+72,340	+74,509	13.1	5.3	+7.7	+7.7	+7.8
<b>East South Central</b> .....	<b>336,828</b>	<b>551,799</b>	<b>-214,971</b>	<b>-98,503</b>	<b>-116,468</b>	<b>3.3</b>	<b>5.1</b>	<b>-1.8</b>	<b>-1.8</b>	<b>-1.8</b>
Kentucky.....	93,922	148,735	-54,813	-25,935	-28,878	3.3	5.2	-1.9	-1.8	-2.0
Tennessee.....	132,700	161,450	-28,750	-12,936	-15,814	4.3	5.5	-1.3	-1.5	-1.1
Alabama.....	74,362	147,340	-72,978	-37,190	-35,788	2.6	5.2	-2.6	-2.7	-2.5
Mississippi.....	65,844	94,274	-28,430	-13,442	-14,988	3.0	4.3	-1.3	-1.2	-1.4
<b>West South Central</b> .....	<b>659,916</b>	<b>859,771</b>	<b>-199,855</b>	<b>-139,543</b>	<b>-160,312</b>	<b>4.5</b>	<b>6.6</b>	<b>-2.1</b>	<b>-2.1</b>	<b>-2.0</b>
Arkansas.....	103,672	179,135	-75,463	-35,894	-39,569	5.3	9.2	-3.9	-3.7	-4.1
Louisiana.....	97,186	88,549	+8,637	+5,075	+3,563	4.1	3.7	+1.4	+1.4	+1.3
Oklahoma.....	126,024	306,923	-180,899	-96,663	-84,236	5.4	13.2	-7.9	-8.2	-7.6
Texas.....	263,034	283,165	-20,131	-12,091	-8,040	4.1	4.4	-.3	-.4	-.3
<b>Mountain</b> .....	<b>496,494</b>	<b>432,126</b>	<b>+64,368</b>	<b>+34,899</b>	<b>+29,469</b>	<b>12.0</b>	<b>10.4</b>	<b>+1.6</b>	<b>+1.6</b>	<b>+1.5</b>
Montana.....	45,783	56,892	-11,109	-5,156	-5,953	8.2	10.2	-2.0	-1.7	-2.3
Idaho.....	73,784	57,408	+16,376	+9,347	+7,029	14.1	10.9	+3.1	+3.4	+2.8
Wyoming.....	38,599	35,858	+2,741	+2,314	+427	15.4	14.3	+1.1	+1.7	+1.4
Colorado.....	119,518	110,406	+9,112	+4,187	+4,925	10.6	9.8	+1.8	+1.7	+1.9
New Mexico.....	66,888	54,903	+11,985	+6,674	+5,311	12.9	10.3	+2.6	+2.5	+2.7
Arizona.....	92,425	54,654	+37,771	+19,249	+18,522	18.5	10.9	+7.6	+7.5	+7.7
Utah.....	30,826	43,218	-12,392	-6,216	-6,176	5.6	7.9	-2.3	-2.2	-2.3
Nevada.....	26,601	18,787	+7,814	+4,500	+3,314	24.3	17.0	+7.3	+7.3	+7.2
<b>Pacific</b> .....	<b>1,221,867</b>	<b>401,195</b>	<b>+820,672</b>	<b>+424,763</b>	<b>+395,909</b>	<b>12.6</b>	<b>4.1</b>	<b>+8.5</b>	<b>+8.5</b>	<b>+8.4</b>
Washington.....	187,212	106,861	+80,351	+46,777	+33,574	10.8	6.2	+4.6	+5.2	+4.0
Oregon.....	159,816	82,371	+77,445	+41,425	+36,020	14.7	7.6	+7.1	+7.4	+6.8
California.....	876,839	211,963	+664,876	+336,561	+328,305	12.7	3.1	+9.6	+9.6	+9.7

<sup>1</sup> Percent based on total male population.

<sup>2</sup> Percent based on total female population.

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, Internal Migration, 1935 to 1940—Color and Sex of Migrants.

No. 33.—MIGRATION STATUS OF THE POPULATION AND TYPE OF MIGRATION, BY SEX, FOR SELECTED PERIODS: 1935 TO 1947

[Migrants defined: In 1940—Persons 5 years old and over who lived in different counties (or quasi counties) in 1940 and 1935. A city of 100,000 inhabitants or more treated as one quasi county and remainder of county as another. In 1947—Persons who lived in different counties in 1947 and 1940. For children under 7 years of age, residence of mother when child was born was used in determining migration status. 1947 figures based on Current Population Survey, see Sampling Note, p. 175.]

MIGRATION STATUS AND TYPE OF MIGRATION	NUMBER			PERCENT		
	Total	Male	Female	Total	Male	Female
APRIL 1935 TO APRIL 1940						
Total population, April 1940.....	131,669,275	66,061,592	65,607,683	.....	.....	.....
Born on or before Apr. 1, 1935.....	121,127,751	60,706,784	60,420,967	100.0	100.0	100.0
Reporting migration status.....	119,991,069	60,077,483	59,913,586	99.1	99.0	99.2
Nonmigrants.....	103,896,772	51,891,397	52,005,375	85.8	85.5	86.1
Migrants.....	15,734,798	7,995,097	7,739,701	13.0	13.2	12.8
Within a State.....	9,239,749	4,643,208	4,596,541	7.6	7.6	7.6
Between contiguous States.....	3,142,257	1,592,021	1,550,236	2.6	2.6	2.6
Between noncontiguous States.....	3,352,792	1,759,868	1,592,924	2.8	2.9	2.6
Persons abroad on Apr. 1, 1935.....	359,499	190,989	168,510	0.3	0.8	0.3
Not reporting migration status.....	1,136,682	629,301	507,381	0.9	1.0	0.8
Born after Apr. 1, 1935.....	10,541,524	5,354,808	5,186,716	.....	.....	.....
APRIL 1940 TO APRIL 1947						
Total civilian population, April 1947....	142,061,000	70,128,000	71,933,000	.....	.....	.....
Born on or before Apr. 1, 1940.....	122,633,000	60,218,000	62,415,000	100.0	100.0	100.0
Nonmigrants.....	96,565,000	47,439,000	49,126,000	78.7	78.8	78.7
Same house.....	52,136,000	25,425,000	26,711,000	42.6	42.2	42.8
Different house in same county.....	44,429,000	22,014,000	22,415,000	36.2	36.6	35.9
Migrants.....	25,469,000	12,491,000	12,978,000	20.8	20.7	20.8
Within a State.....	13,081,000	6,389,000	6,692,000	10.7	10.6	10.7
Between contiguous States.....	4,974,000	2,417,000	2,557,000	4.1	4.0	4.1
Between noncontiguous States.....	7,414,000	3,685,000	3,729,000	6.0	6.1	6.0
Persons abroad on Apr. 1, 1940.....	599,000	288,000	311,000	0.5	0.5	0.5
Born after Apr. 1, 1940.....	19,428,000	9,910,000	9,518,000	100.0	100.0	100.0
Nonmigrants.....	15,193,000	7,793,000	7,400,000	78.2	78.6	77.7
Same house.....	7,065,000	3,613,000	3,452,000	36.4	36.5	36.3
Different house in same county.....	8,128,000	4,180,000	3,948,000	41.8	42.2	41.5
Migrants.....	4,140,000	2,070,000	2,070,000	21.3	20.9	21.7
Within a State.....	2,190,000	1,073,000	1,117,000	11.3	10.8	11.7
Between contiguous States.....	869,000	451,000	418,000	4.5	4.6	4.4
Between noncontiguous States.....	1,081,000	546,000	535,000	5.6	5.5	5.6
Persons born abroad.....	95,000	47,000	48,000	0.5	0.5	0.5

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-20, No. 14.

No. 34.—MIGRATION STATUS OF THE POPULATION AND TYPE OF MIGRATION, BY SOCIAL AND ECONOMIC CHARACTERISTICS: 1940

[See headnote, table 33]

CHARACTERISTIC	Total population <sup>1</sup>	Non- migrants <sup>2</sup>	MIGRANTS, BY TYPE OF MIGRATION					Persons abroad on April 1, 1935 <sup>3</sup>
			Total	Per- cent of total popu- lation	Within the State	Between contigu- ous States	Between noncon- tiguous States	
RELATIONSHIP TO HEAD OF HOUSEHOLD								
Total.....	131,669,275	114,438,296	15,734,798	12.0	9,239,749	3,142,257	3,352,792	359,499
In households.....	128,427,069	112,739,292	14,473,352	11.3	8,540,782	2,922,679	3,009,891	319,388
Head of household.....	34,948,666	30,434,390	4,155,878	11.9	2,439,478	821,241	895,159	84,963
Relative of head.....	87,982,025	78,409,279	8,891,371	10.1	5,349,071	1,794,661	1,747,639	177,949
Not relative of head.....	5,496,378	3,895,623	1,426,103	25.9	752,233	306,777	367,093	56,476
Not in households.....	3,242,206	1,699,004	1,261,446	38.9	698,967	219,578	342,901	40,111

See footnotes, next page.



**No. 84.—MIGRATION STATUS OF THE POPULATION AND TYPE OF MIGRATION, BY SOCIAL AND ECONOMIC CHARACTERISTICS: 1940—Continued**

CHARACTERISTIC	Total population <sup>1</sup>	Non-migrants <sup>2</sup>	MIGRANTS, BY TYPE OF MIGRATION					Persons abroad on April 1, 1935 <sup>3</sup>
			Total	Per-cent of total popu-lation	Within the State	Between contiguous States	Between noncon-tiguous States	
<b>YEARS OF SCHOOL COMPLETED</b>								
<b>Total, 25 to 34 years old</b> .....	21, 339, 026	16, 985, 954	4, 018, 320	18. 8	2, 250, 642	827, 896	939, 782	97, 800
Grade school: Less than 7 years <sup>4</sup> .....	3, 235, 522	2, 706, 712	435, 572	13. 5	273, 916	94, 346	67, 310	13, 385
7 and 8 years.....	6, 006, 216	5, 072, 761	855, 479	14. 2	499, 226	179, 714	176, 539	21, 722
High school: 1 to 3 years.....	4, 553, 338	3, 694, 572	805, 004	17. 7	464, 592	161, 958	178, 454	16, 674
4 years.....	4, 701, 980	3, 647, 200	993, 949	21. 1	542, 776	204, 381	246, 792	22, 776
College: 1 year or more.....	2, 841, 970	1, 864, 709	928, 316	32. 7	470, 132	187, 497	270, 687	23, 243
<b>EMPLOYMENT STATUS</b>								
<b>Total, 14 years old and over</b> .....	101, 102, 924	86, 533, 918	13, 251, 842	13. 1	7, 686, 141	2, 647, 574	2, 918, 127	323, 397
In labor force.....	52, 789, 499	44, 929, 168	7, 261, 507	13. 8	4, 079, 456	1, 500, 793	1, 681, 258	188, 346
Employed.....	45, 166, 083	38, 273, 238	6, 372, 367	14. 1	3, 603, 466	1, 327, 298	1, 441, 603	163, 770
On public emergency work.....	2, 529, 606	2, 255, 927	250, 985	9. 9	158, 279	41, 958	50, 748	2, 593
Seeking work.....	5, 093, 810	4, 400, 003	638, 155	12. 5	317, 711	131, 537	188, 907	21, 963
Not in labor force.....	48, 313, 425	41, 604, 750	5, 990, 335	12. 4	3, 606, 685	1, 146, 781	1, 236, 869	135, 051
<b>MAJOR OCCUPATION GROUP</b>								
<b>Males employed</b> .....	34, 027, 905	28, 862, 374	4, 779, 065	14. 0	2, 692, 061	998, 631	1, 068, 393	117, 207
Professional and semiprofessional workers.....	1, 875, 387	1, 367, 174	476, 162	25. 4	243, 465	91, 107	141, 590	17, 608
Farmers and farm managers.....	4, 991, 715	4, 533, 953	410, 793	8. 2	300, 249	74, 536	36, 008	2, 258
Props., mgrs., and officials, except farm.....	3, 325, 767	2, 780, 983	511, 235	15. 4	275, 206	110, 407	125, 622	14, 407
Clerical, sales, and kindred workers.....	4, 360, 648	3, 627, 686	690, 950	15. 8	366, 128	151, 424	173, 398	16, 839
Craftsmen, foremen, and kindred workers.....	4, 949, 132	4, 242, 485	661, 613	13. 4	376, 624	137, 743	147, 246	14, 605
Operatives and kindred workers.....	6, 205, 898	5, 361, 068	784, 476	12. 6	462, 358	169, 436	152, 682	17, 655
Domestic service workers.....	142, 231	114, 653	24, 798	17. 4	12, 706	5, 343	6, 749	1, 224
Service workers, except domestic.....	2, 196, 695	1, 760, 307	393, 239	17. 9	158, 602	83, 171	151, 466	20, 548
Farm laborers and foremen.....	2, 770, 005	2, 287, 735	441, 994	16. 0	277, 986	91, 063	72, 945	3, 791
Laborers, except farm, and occupation not reported..	3, 210, 427	2, 786, 330	383, 825	12. 0	218, 737	84, 401	80, 687	8, 272
<b>Females employed</b> .....	11, 138, 178	9, 410, 864	1, 593, 282	14. 3	911, 405	328, 667	353, 210	46, 563
Professional and semiprofessional workers.....	1, 469, 661	1, 092, 203	351, 917	23. 9	212, 833	66, 695	72, 389	9, 235
Farmers and farm managers.....	151, 899	141, 800	8, 715	5. 7	6, 288	1, 548	879	60
Props., mgrs., and officials, except farm.....	423, 520	365, 323	54, 731	12. 9	29, 696	10, 722	14, 311	1, 052
Clerical, sales, and kindred workers.....	3, 156, 982	2, 761, 982	372, 888	11. 8	206, 213	75, 061	91, 614	5, 877
Craftsmen, foremen, and kindred workers.....	106, 590	96, 064	9, 488	8. 9	5, 363	1, 960	2, 165	405
Operatives and kindred workers.....	2, 046, 379	1, 867, 756	158, 825	7. 8	96, 443	34, 903	27, 479	8, 449
Domestic service workers.....	1, 969, 083	1, 580, 161	351, 814	17. 9	192, 113	78, 009	81, 692	15, 528
Service workers, except domestic.....	1, 261, 639	1, 018, 220	227, 834	18. 1	124, 689	47, 964	55, 181	4, 949
Farm laborers and foremen.....	320, 005	284, 724	31, 570	9. 9	22, 818	6, 378	2, 374	195
Laborers, except farm, and occupation not reported..	232, 420	202, 631	25, 500	11. 0	14, 947	5, 427	5, 126	813

<sup>1</sup> Includes 1,136,682 persons with migration status not reported, not shown separately.

<sup>2</sup> Includes all children born after Apr. 1, 1935.

<sup>3</sup> In 1940 census reports, this group was designated as "Immigrants (from possessions or foreign countries)."

<sup>4</sup> Includes the category "school years not reported."

Source: Department of Commerce, Bureau of the Census; special reports of Sixteenth Census, Internal Migration, 1935 to 1940—Social Characteristics of Migrants and Economic Characteristics of Migrants.

No. 35.—MIGRATION STATUS OF THE CIVILIAN POPULATION BORN ON OR BEFORE APRIL 1, 1940, AND TYPE OF MIGRATION, BY SOCIAL AND ECONOMIC CHARACTERISTICS: 1947

[In thousands. See headnote, table 33]

CHARACTERISTIC	Total civilian population, April 1947	Non-migrants	MIGRANTS BY TYPE OF MIGRATION					Persons abroad on April 1, 1940
			Total	Percent of total population	Within the State	Between contiguous States	Between noncontiguous States	
RELATIONSHIP TO HEAD OF HOUSEHOLD								
Total, 7 years and over...	122, 633	96, 565	25, 469	20. 8	13, 081	4, 974	7, 414	599
In households.....	119, 762	94, 982	24, 257	20. 3	12, 375	4, 784	7, 098	523
Head of household.....	38, 980	31, 354	7, 471	19. 2	3, 775	1, 497	2, 199	155
Relative of head.....	76, 408	61, 173	14, 923	19. 5	7, 769	2, 901	4, 253	312
Nonrelative of head.....	4, 374	2, 455	1, 863	42. 6	831	386	646	56
Not in households.....	2, 871	1, 583	1, 212	42. 2	706	190	316	76
YEARS OF SCHOOL COMPLETED								
Total, 25 to 34 years old...	22, 627	15, 724	6, 693	29. 6	3, 025	1, 415	2, 253	210
Grade school:								
Less than 7 years <sup>1</sup> .....	2, 312	1, 658	630	27. 2	310	115	205	24
7 and 8 years.....	4, 402	3, 397	961	21. 8	486	201	274	44
High school:								
1 to 3 years.....	4, 997	3, 610	1, 342	26. 9	685	266	391	45
4 years.....	7, 630	5, 313	2, 263	29. 7	956	536	771	54
College: 1 year or more.....	3, 286	1, 746	1, 497	45. 6	588	297	612	43
EMPLOYMENT STATUS								
Total, 14 years and over...	107, 156	84, 474	22, 114	20. 6	11, 267	4, 281	6, 566	568
In labor force.....	59, 385	46, 533	12, 550	21. 1	6, 255	2, 423	3, 872	302
Employed.....	56, 713	44, 709	11, 751	20. 7	5, 973	2, 291	3, 487	253
Unemployed.....	2, 418	1, 754	624	25. 8	256	110	258	40
In armed forces <sup>2</sup> .....	254	70	175	68. 9	26	22	127	9
Not in labor force.....	47, 771	37, 941	9, 564	20. 0	5, 012	1, 858	2, 694	266
MAJOR OCCUPATION GROUP								
Males employed.....	40, 911	32, 330	8, 400	20. 5	4, 284	1, 660	2, 456	181
Professional and semiprofessional workers.....	2, 325	1, 555	753	32. 4	332	170	251	17
Farmers and farm managers.....	4, 862	4, 117	741	15. 2	501	127	113	4
Props., mgrs., and officials, except farm.....	4, 978	3, 864	1, 079	21. 7	534	215	330	35
Clerical, sales, and kindred workers.....	4, 904	3, 920	957	19. 5	474	169	314	27
Craftsmen, foremen, and kindred workers.....	7, 379	5, 822	1, 531	20. 7	763	340	428	26
Operatives and kindred workers.....	8, 754	6, 969	1, 749	20. 0	918	343	488	36
Domestic service workers.....	142	118	24	16. 9	18	2	4	.....
Service workers, except domestic.....	2, 285	1, 830	435	19. 0	205	61	169	20
Farm laborers and foremen.....	1, 954	1, 529	421	21. 5	224	80	107	4
Laborers, except farm and mine.....	3, 328	2, 606	710	21. 3	305	153	252	12
Females employed.....	15, 802	12, 379	3, 351	21. 2	1, 689	631	1, 031	72
Professional and semiprofessional workers.....	1, 547	1, 042	498	32. 2	291	75	132	7
Farmers and farm managers.....	265	237	28	10. 6	20	7	1	.....
Props., mgrs., and officials, except farm.....	778	622	155	19. 9	67	38	50	1
Clerical, sales, and kindred workers.....	5, 454	4, 289	1, 136	20. 8	565	216	355	29
Craftsmen, foremen, and kindred workers.....	159	135	24	15. 1	7	4	13	.....
Operatives and kindred workers.....	3, 419	2, 775	619	18. 1	304	117	198	26
Domestic service workers.....	1, 685	1, 345	337	20. 0	164	66	107	3
Service workers, except domestic.....	1, 770	1, 340	423	23. 9	192	91	140	7
Farm laborers and foremen.....	647	537	110	17. 0	69	17	24	.....
Laborers, except farm and mine.....	78	57	21	26. 9	10	.....	11	.....

<sup>1</sup> Includes the category "School years not reported." <sup>2</sup> Includes only those living off post or with families on post.

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-20, No. 14 and records.



## No. 36.—WHITE POPULATION, BY NATIVITY AND PARENTAGE: 1880 TO 1940

[1940 data for native white by parentage based on Sample B; those for foreign-born white from complete count and those for total white, involving addition of native and foreign-born, are composite and therefore differ from corresponding figures presented elsewhere. See p. 1]

CLASS	1880	1890	1900	1910	1920	1930	1940
Total white.....	43,402,970	55,101,258	64,809,196	81,731,967	94,520,915	119,294,749	118,701,589
Native white.....	38,845,291	45,979,391	56,595,879	68,386,412	81,108,161	95,303,335	107,282,420
Native parentage.....	38,845,291	34,475,716	40,949,362	49,488,575	58,421,057	70,400,952	84,124,840
Foreign or mixed parentage.....	4,557,679	11,625,867	18,260,017	18,897,837	22,684,204	25,902,283	23,157,680
Foreign.....	5,363,769	8,085,019	10,632,280	12,916,311	15,694,539	17,407,627	15,183,740
Mixed.....	1,911,008	3,418,666	5,012,737	5,981,526	6,991,665	8,494,656	7,973,940
Foreign-born white.....	6,559,679	9,121,867	10,213,817	13,345,545	13,712,754	18,983,405	11,410,138
PERCENT OF TOTAL							
Total white.....	84.5	87.5	87.9	88.9	89.7	89.8	89.8
Native white.....	73.5	73.0	74.5	74.4	76.7	78.4	81.2
Native parentage.....	57.0	54.8	58.9	53.8	56.3	57.3	68.7
Foreign or mixed parentage.....	16.5	18.3	20.6	20.5	21.5	21.1	17.6
Foreign.....	12.7	12.8	14.0	14.0	14.8	14.3	11.8
Mixed.....	3.8	5.4	6.6	6.5	6.6	6.9	6.0
Foreign-born white.....	13.1	14.5	13.4	14.5	13.0	11.4	8.6

Source: Department of Commerce, Bureau of the Census; 15th Census Reports, Population, Vol. II, and special report of 16th Census, Nativity and Parentage of the White Population—General Characteristics.

## No. 37.—WHITE POPULATION, BY MOTHER TONGUE: 1930 AND 1940

[1940 data based on Sample B; see p. 1]

REGION AND MOTHER TONGUE	NUMBER					PERCENT DISTRIBUTION				
	1940				1930	1940				1930
	Total	Foreign born	Native		Foreign born	Total	Foreign born	For. or mixed par.	Native par.	Foreign born
			Foreign or mixed parentage	Native parentage						
Total.....	118,292,049	11,109,620	23,157,680	84,124,840	13,983,405	100.0	100.0	100.0	100.0	100.0
Northwestern Europe:										
English.....	93,039,640	2,506,420	12,181,640	78,352,180	3,097,021	78.6	22.6	52.6	93.1	22.1
Norwegian.....	558,220	232,820	344,240	81,160	345,522	.6	2.1	1.5	.1	2.6
Swedish.....	830,900	423,200	374,040	33,660	615,465	.7	3.8	1.6	.....	4.4
Danish.....	226,740	122,180	95,460	9,100	178,944	.2	1.1	.4	.....	1.3
Dutch.....	267,140	102,700	103,240	81,200	133,142	.2	.9	.4	.1	1.0
Flemish.....	54,340	31,900	17,840	4,600	42,263	.....	.3	.1	.....	.3
French.....	1,412,060	359,520	533,760	518,780	523,297	1.2	3.2	2.3	.6	3.7
Central Europe:										
German.....	4,949,780	1,589,040	2,435,700	925,040	2,188,006	4.2	14.3	10.5	1.1	15.5
Polish.....	2,416,320	801,680	1,428,820	185,820	965,899	2.0	7.2	6.2	.2	6.9
Czech.....	520,440	159,540	279,040	81,760	201,138	.4	1.4	1.2	.1	1.4
Slovak.....	484,360	171,860	283,520	29,260	240,196	.4	1.5	1.2	.....	1.7
Magyar (Hungarian).....	463,000	241,220	196,600	13,180	250,393	.4	2.2	.9	.....	1.8
Serbian.....	37,640	18,060	18,300	1,280	30,121	.....	.2	.1	.....	.3
Croatian.....	115,440	52,040	58,980	3,920	79,802	.1	.5	.3	.....	.6
Slovenian.....	178,640	75,560	97,300	5,780	77,671	.2	.7	.4	.....	.6
Eastern Europe:										
Russian.....	585,080	356,940	214,160	13,980	315,721	.5	3.2	.9	.....	2.3
Ukrainian.....	83,600	35,540	45,280	2,780	58,685	.1	.3	.2	.....	.4
Armenian.....	68,320	40,000	26,440	1,880	51,741	.1	.4	.1	.....	.4
Lithuanian.....	272,680	122,660	146,620	9,400	165,653	.2	1.1	.6	.....	1.2
Finnish.....	230,420	97,060	118,460	14,880	124,994	.2	.9	.5	.....	.9
Rumanian.....	65,520	43,120	20,340	2,060	56,964	.1	.4	.1	.....	.4
Yiddish.....	1,751,100	924,440	773,680	52,960	1,222,658	1.5	6.2	3.3	.1	6.7
So. Europe:										
Greek.....	273,520	165,220	102,140	6,160	189,066	.2	1.5	.4	.....	1.4
Italian.....	3,706,820	1,561,100	2,080,680	125,040	1,808,289	3.2	14.1	9.0	.1	12.9
Spanish.....	1,961,400	428,360	714,060	718,980	743,286	1.6	3.9	3.1	.9	5.3
Portuguese.....	215,860	63,780	120,500	11,680	110,197	.2	.8	.5	.....	.8
Arabic.....	107,420	50,640	52,760	3,720	67,830	.1	.5	.2	.....	.5
All other.....	109,480	63,880	34,520	11,080	57,808	.1	.6	.1	.....	.4
Not reported.....	3,356,160	248,500	264,060	2,843,000	42,233	2.8	2.2	1.1	2.4	.3

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, Nativity and Parentage of the White Population—Mother Tongue.

## No. 38.—NATIVE WHITE POPULATION, BY PARENTAGE, BY STATES: 1920, 1930, AND 1940

[1940 data based on Sample B; see p. 1]

DIVISION AND STATE	Total native white, 1940	NATIVE PARENTAGE			FOREIGN OR MIXED PARENTAGE		
		1920	1930	1940	1920	1930	1940
<b>United States.....</b>	<b>107, 282, 420</b>	<b>58, 431, 957</b>	<b>70, 400, 952</b>	<b>84, 124, 840</b>	<b>22, 886, 204</b>	<b>25, 962, 383</b>	<b>23, 157, 580</b>
<b>New England.....</b>	<b>6, 872, 588</b>	<b>2, 803, 149</b>	<b>3, 167, 091</b>	<b>4, 024, 090</b>	<b>2, 642, 275</b>	<b>3, 063, 751</b>	<b>2, 848, 589</b>
Maine.....	784, 340	495, 780	515, 244	590, 060	102, 586	179, 573	174, 280
New Hampshire.....	424, 080	225, 512	239, 438	285, 640	125, 580	142, 252	189, 040
Vermont.....	328, 740	228, 325	234, 090	257, 560	78, 966	81, 814	71, 180
Massachusetts.....	3, 427, 440	1, 230, 773	1, 429, 791	1, 868, 220	1, 493, 217	1, 708, 524	1, 559, 220
Rhode Island.....	566, 700	173, 553	210, 963	288, 369	246, 928	295, 343	278, 340
Connecticut.....	1, 360, 680	449, 206	537, 565	734, 240	533, 013	656, 245	626, 440
<b>Middle Atlantic.....</b>	<b>21, 818, 600</b>	<b>8, 631, 012</b>	<b>11, 450, 123</b>	<b>14, 107, 240</b>	<b>7, 096, 263</b>	<b>8, 454, 467</b>	<b>7, 711, 368</b>
New York.....	10, 076, 900	3, 068, 266	4, 474, 067	5, 796, 840	3, 717, 649	4, 483, 182	4, 290, 120
New Jersey.....	3, 256, 280	1, 212, 675	1, 571, 559	1, 980, 720	1, 065, 799	1, 413, 321	1, 275, 540
Pennsylvania.....	8, 485, 380	4, 760, 071	5, 404, 498	6, 329, 680	2, 204, 806	2, 555, 964	2, 155, 700
<b>East North Central.....</b>	<b>23, 061, 866</b>	<b>11, 790, 270</b>	<b>14, 501, 781</b>	<b>17, 445, 566</b>	<b>5, 925, 213</b>	<b>6, 569, 062</b>	<b>6, 516, 300</b>
Ohio.....	6, 075, 080	3, 069, 122	4, 325, 406	4, 944, 040	1, 224, 074	1, 362, 679	1, 131, 040
Indiana.....	3, 203, 800	2, 329, 544	2, 805, 683	2, 920, 140	368, 659	377, 350	283, 660
Illinois.....	6, 554, 400	3, 066, 563	3, 769, 466	4, 590, 540	2, 025, 819	2, 287, 574	1, 963, 860
Michigan.....	4, 388, 120	1, 670, 447	2, 364, 482	3, 060, 800	1, 204, 546	1, 449, 728	1, 327, 320
Wisconsin.....	2, 840, 460	1, 054, 694	1, 436, 544	1, 930, 040	1, 102, 116	1, 091, 731	910, 420
<b>West North Central.....</b>	<b>12, 378, 960</b>	<b>7, 475, 548</b>	<b>8, 549, 047</b>	<b>9, 709, 748</b>	<b>3, 377, 978</b>	<b>3, 282, 568</b>	<b>2, 667, 220</b>
Minnesota.....	2, 483, 940	827, 627	1, 114, 483	1, 575, 120	1, 055, 145	1, 037, 834	908, 820
Iowa.....	2, 417, 220	1, 528, 653	1, 697, 599	1, 953, 880	629, 981	587, 008	463, 340
Missouri.....	3, 428, 380	2, 536, 936	2, 776, 434	3, 063, 220	502, 082	475, 033	305, 160
North Dakota.....	560, 680	207, 966	256, 715	311, 320	300, 483	309, 655	249, 360
South Dakota.....	576, 120	308, 598	373, 666	398, 780	228, 158	228, 661	177, 340
Nebraska.....	1, 220, 000	757, 064	874, 217	929, 060	372, 503	367, 049	290, 940
Kansas.....	1, 690, 620	1, 308, 804	1, 453, 941	1, 478, 360	289, 524	277, 328	212, 200
<b>South Atlantic.....</b>	<b>12, 844, 940</b>	<b>5, 779, 418</b>	<b>10, 412, 419</b>	<b>12, 259, 320</b>	<b>553, 604</b>	<b>632, 819</b>	<b>585, 620</b>
Delaware.....	216, 180	139, 876	155, 026	185, 040	32, 929	33, 785	31, 140
Maryland.....	1, 448, 280	893, 068	1, 039, 798	1, 264, 480	209, 472	219, 287	183, 780
Dist. of Columbia.....	444, 460	239, 488	262, 432	378, 160	58, 824	61, 563	69, 300
Virginia.....	1, 993, 380	1, 534, 494	1, 692, 707	1, 942, 380	52, 639	53, 894	51, 000
West Virginia.....	1, 744, 500	1, 232, 657	1, 461, 660	1, 655, 060	82, 472	100, 062	89, 420
North Carolina.....	2, 559, 820	1, 765, 203	2, 306, 567	2, 543, 540	11, 477	17, 597	16, 280
South Carolina.....	1, 080, 800	799, 418	925, 445	1, 060, 820	12, 719	13, 335	10, 980
Georgia.....	2, 034, 860	1, 642, 697	1, 792, 508	2, 009, 200	30, 231	30, 570	25, 660
Florida.....	1, 322, 680	532, 295	874, 376	1, 211, 620	62, 650	101, 836	111, 060
<b>East South Central.....</b>	<b>7, 968, 640</b>	<b>6, 092, 782</b>	<b>6, 972, 148</b>	<b>7, 838, 040</b>	<b>202, 826</b>	<b>195, 526</b>	<b>133, 546</b>
Kentucky.....	2, 621, 160	2, 039, 134	2, 269, 546	2, 560, 460	110, 646	97, 008	60, 700
Tennessee.....	2, 406, 520	1, 832, 757	2, 087, 386	2, 373, 700	37, 758	38, 171	29, 790
Alabama.....	1, 843, 100	1, 394, 129	1, 646, 347	1, 817, 000	35, 241	38, 748	26, 100
Mississippi.....	1, 096, 860	826, 762	968, 869	1, 081, 800	19, 181	21, 598	17, 000
<b>West South Central.....</b>	<b>10, 317, 480</b>	<b>6, 959, 785</b>	<b>8, 503, 918</b>	<b>9, 552, 820</b>	<b>696, 609</b>	<b>854, 369</b>	<b>764, 660</b>
Arkansas.....	1, 458, 060	1, 226, 692	1, 329, 246	1, 432, 480	39, 090	35, 687	26, 600
Louisiana.....	1, 487, 380	941, 724	1, 175, 459	1, 403, 700	110, 016	111, 262	83, 680
Oklahoma.....	2, 069, 700	1, 679, 107	1, 995, 209	2, 011, 746	102, 119	105, 320	77, 980
Texas.....	5, 282, 320	3, 112, 202	4, 604, 004	4, 704, 900	445, 384	602, 100	577, 420
<b>Mountain.....</b>	<b>3, 730, 480</b>	<b>2, 062, 608</b>	<b>2, 381, 452</b>	<b>3, 018, 500</b>	<b>757, 166</b>	<b>797, 038</b>	<b>711, 980</b>
Montana.....	486, 340	275, 803	283, 715	341, 320	164, 837	161, 535	145, 020
Idaho.....	496, 920	294, 252	320, 268	417, 320	92, 453	87, 269	79, 600
Wyoming.....	230, 740	122, 884	150, 669	180, 260	42, 007	47, 903	44, 480
Colorado.....	1, 038, 760	603, 041	702, 062	840, 220	204, 108	218, 509	189, 540
New Mexico.....	478, 300	273, 317	328, 339	439, 500	32, 279	38, 976	38, 800
Arizona.....	390, 780	151, 145	229, 202	304, 780	62, 205	85, 008	85, 980
Utah.....	514, 140	245, 781	319, 414	407, 720	139, 665	134, 564	106, 440
Nevada.....	94, 600	26, 285	47, 783	72, 380	19, 012	22, 379	22, 120
<b>Pacific.....</b>	<b>8, 280, 880</b>	<b>2, 887, 387</b>	<b>4, 462, 973</b>	<b>6, 172, 500</b>	<b>1, 432, 379</b>	<b>2, 652, 784</b>	<b>2, 118, 580</b>
Washington.....	1, 505, 260	711, 706	873, 664	1, 116, 620	358, 016	403, 331	388, 640
Oregon.....	998, 420	497, 726	630, 036	804, 780	169, 269	201, 846	193, 640
California.....	5, 787, 200	1, 677, 955	2, 959, 273	4, 251, 100	905, 094	1, 447, 607	1, 536, 100

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, Nativity and Parentage of the White Population—General Characteristics.

# **No. 39.—NATIVITY AND PARENTAGE OF THE FOREIGN WHITE STOCK BY COUNTRY OF ORIGIN: 1930 AND 1940**

[1940 statistics for native white of foreign or mixed parentage based on Sample B; those for foreign born white from complete count; those for total foreign white stock are composite. See page I for statement on population samples]

COUNTRY OF ORIGIN	1930				1940			
	Total foreign white stock		Foreign-born white	Native white of foreign or mixed parentage	Total foreign white stock		Foreign-born white	Native white of foreign or mixed parentage
	Number	Per-cent			Number	Per-cent		
<b>All countries.....</b>	<b>39,885,786</b>	<b>100.0</b>	<b>13,963,406</b>	<b>25,902,383</b>	<b>34,576,718</b>	<b>100.0</b>	<b>11,419,138</b>	<b>23,157,580</b>
<b>Northwestern Europe:</b>								
England.....	2,522,273	6.3	808,684	1,712,589	1,075,975	5.7	621,975	1,354,000
Scotland.....	899,691	2.3	354,323	545,268	725,861	2.1	279,321	446,540
Wales.....	236,667	.6	60,205	176,462	148,200	.4	35,360	112,800
Northern Ireland.....	695,999	1.7	178,832	517,167	377,236	1.1	106,416	270,820
Irish Free State (Eire).....	3,066,522	7.7	744,810	2,341,712	2,410,951	7.0	572,031	1,838,920
Norway.....	1,100,098	2.8	347,852	752,246	924,688	2.7	262,088	662,600
Sweden.....	1,582,703	3.9	595,250	987,453	1,301,399	3.8	445,070	856,320
Denmark.....	529,142	1.3	179,474	349,668	443,816	1.3	138,175	305,640
Iceland.....	7,413	—	2,784	4,649	6,584	—	2,104	4,480
Netherlands.....	413,966	1.0	133,133	280,833	372,394	1.1	111,064	261,330
Belgium.....	147,091	.4	64,194	82,897	130,338	.4	53,938	76,400
Luxemburg.....	34,869	.1	9,048	25,821	27,166	.1	6,896	20,280
Switzerland.....	374,003	.9	113,010	260,993	293,973	.9	88,293	205,680
France.....	471,638	1.2	135,265	336,373	349,050	1.0	102,930	246,120
<b>Central Europe:</b>								
Germany.....	6,873,103	17.2	1,608,814	5,264,289	5,236,812	15.1	1,237,772	3,998,840
Poland.....	3,342,198	8.4	1,268,583	2,073,615	2,905,869	8.4	993,479	1,912,380
Czechoslovakia.....	1,382,079	3.5	491,638	890,441	964,591	2.8	319,971	604,620
Austria.....	954,048	2.4	370,914	583,134	1,201,246	3.6	472,906	781,340
Hungary.....	590,768	1.5	274,460	316,318	662,068	1.9	290,228	371,840
Yugoslavia.....	469,395	1.2	211,416	257,979	383,393	1.1	161,093	222,300
<b>Eastern Europe:</b>								
Russia (U. S. S. R.).....	2,069,839	6.7	1,153,634	1,516,214	2,610,244	7.5	1,040,884	1,569,360
Latvia.....	38,091	.1	20,673	17,418	34,656	.1	18,636	16,020
Estonia.....	5,317	—	3,550	1,767	6,658	—	4,178	2,480
Lithuania.....	439,195	1.1	193,606	245,589	394,811	1.1	165,771	229,040
Finland.....	320,536	.8	142,478	178,058	284,290	.8	117,210	167,080
Rumania.....	293,453	.7	146,393	147,060	247,700	.7	115,940	131,760
Bulgaria.....	14,929	—	9,399	5,530	16,688	—	8,858	6,800
Turkey in Europe.....	3,676	—	2,267	1,419	8,372	—	4,412	3,960
<b>Southern Europe:</b>								
Greece.....	303,761	.8	174,526	129,235	326,672	.9	163,262	163,420
Italy.....	4,546,877	11.4	1,790,424	2,756,453	4,594,780	13.3	1,623,580	2,971,200
Spain.....	111,338	.3	59,033	52,305	109,407	.3	47,707	61,700
Portugal.....	167,910	.4	69,993	97,917	176,407	.5	62,347	114,060
<b>Other Europe<sup>1</sup>.....</b>	<b>70,113</b>	<b>.2</b>	<b>25,066</b>	<b>45,046</b>	<b>41,459</b>	<b>.1</b>	<b>19,819</b>	<b>21,640</b>
<b>Asia:</b>								
Palestine.....	10,446	—	6,135	4,311	12,807	—	7,047	5,760
Syria.....	137,576	.3	57,227	80,349	138,699	.4	50,659	87,740
Turkey in Asia.....	77,263	.2	46,451	30,812	95,839	.2	52,479	43,360
Other Asia.....	84,622	.2	47,567	37,055	85,924	.2	39,524	46,400
<b>America:</b>								
Canada—French.....	1,106,159	2.8	370,852	735,307	908,386	2.6	273,266	635,020
Canada—Other.....	2,231,277	5.6	907,660	1,323,617	2,001,773	5.8	770,763	1,231,020
Newfoundland.....	45,733	.1	23,971	21,762	47,001	.1	21,361	25,640
Mexico.....	1,222,439	3.1	639,017	583,422	1,076,053	3.1	377,433	699,220
Cuba.....	32,685	.1	16,089	16,596	32,257	.1	15,277	16,980
Other West Indies.....	31,137	.1	15,511	15,626	33,457	.1	15,257	18,200
Central America.....	10,822	—	7,791	3,031	12,738	—	7,638	5,100
South America.....	48,538	.1	30,333	18,205	54,830	.2	28,770	26,060
<b>All other<sup>2</sup>.....</b>	<b>30,649</b>	<b>.1</b>	<b>12,720</b>	<b>18,129</b>	<b>26,898</b>	<b>.1</b>	<b>10,998</b>	<b>15,900</b>
Australia.....	91,719	.2	35,432	56,287	74,351	.2	25,751	48,600
Other Atlantic Islands.....	9,712	—	4,063	5,659	8,592	—	3,232	5,360
All other and not reported.....	35,601	.1	18,716	16,885	194,009	.6	18,649	175,360

<sup>1</sup>Includes Albania.

<sup>2</sup>Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, Nativity and Parentage of the White Population—Country of Origin of the Foreign Stock.

# **No. 40.—FOREIGN-BORN WHITE POPULATION, 1910 TO 1940, AND TOTAL FOREIGN-BORN, 1900, BY COUNTRY OF BIRTH**

[All classifications of 1940 population according to country of birth based on political boundaries of Jan. 1, 1937. Classification of population at earlier censuses based for most part on political boundaries of those years. For most countries of Europe, total foreign-born population given for 1900 is almost entirely white]

COUNTRY OF BIRTH	Total foreign-born, 1900	FOREIGN-BORN WHITE				PERCENT DISTRIBUTION		Percent urban 1940
		1910	1920	1930	1940	1930	1940	
All countries.....	10,341,276	12,345,545	12,712,754	12,983,465	11,419,139	100.0	100.0	89.9
<b>Northwestern Europe:</b>								
England.....	840,513	875,455	812,828	806,684	621,975	5.6	5.4	78.7
Scotland.....	283,524	261,034	254,567	354,823	279,321	2.5	2.4	82.4
Wales.....	93,586	82,479	67,066	60,205	35,360	.4	.3	75.6
Northern Ireland.....	1,616,459	1,352,155	1,037,233	178,832	106,416	1.3	.9	85.0
Irish Free State (Eire).....				744,810	572,031	5.3	5.0	89.8
Norway.....	336,888	403,858	363,862	347,832	262,088	2.5	2.3	68.5
Sweden.....	582,014	665,183	625,580	596,250	445,070	4.3	3.9	68.7
Denmark.....	153,690	181,621	189,154	179,474	138,175	1.3	1.2	60.7
Iceland.....				2,764	2,104	(1)	(1)	54.2
Netherlands <sup>1</sup> .....	94,931	120,063	131,766	133,133	111,064	1.0	1.0	60.9
Belgium.....	29,757	49,397	62,686	64,194	53,958	.5	.5	72.9
Luxemburg.....	3,031	3,068	12,585	9,048	6,886	.1	.1	64.6
Switzerland.....	115,603	124,834	118,656	113,010	89,293	.8	.6	60.6
France.....	104,197	117,235	152,890	185,265	102,930	1.0	.9	77.7
<b>Central Europe:</b>								
Germany.....	2,663,418	<sup>2</sup> 2,311,063	1,686,102	1,608,614	1,237,772	11.5	10.6	74.3
Poland.....	358,407	<sup>3</sup> 957,884	1,139,978	1,268,893	993,479	9.1	8.7	86.0
Czechoslovakia.....			362,436	491,638	319,971	3.5	2.8	71.1
Austria.....	422,708	<sup>4</sup> 845,506	575,825	370,014	479,908	2.7	4.3	79.9
Hungary.....	145,714	495,600	397,282	274,460	290,228	2.0	2.5	82.2
Yugoslavia.....			169,437	211,416	161,093	1.5	1.4	74.2
<b>Eastern Europe:</b>								
Russia (U. S. S. R.).....				1,153,624	1,040,384	8.2	9.1	90.2
Latvia.....				20,873	18,636	.1	.2	89.6
Estonia.....	423,726	<sup>5</sup> 1,184,382	1,400,489	3,550	4,178	(1)	(1)	83.2
Lithuania.....			135,068	193,606	165,771	1.4	1.5	86.6
Finland.....	62,641	129,669	149,824	142,478	117,210	1.0	1.0	84.4
Rumania.....	15,032	66,920	102,823	146,393	115,940	1.0	1.0	90.0
Bulgaria.....		11,453	10,477	9,399	8,888	.1	.1	77.6
Turkey in Europe.....	<sup>6</sup> 9,910	32,221	5,284	2,257	4,412	(1)	(1)	85.6
<b>Southern Europe:</b>								
Greece.....	8,515	101,264	175,972	174,526	163,252	1.2	1.4	91.6
Italy.....	484,027	1,343,070	1,610,109	1,790,424	1,623,580	12.8	14.2	88.1
Spain.....	7,060	21,977	49,247	59,033	47,707	.4	.4	79.0
Portugal.....	30,606	57,623	67,453	69,998	62,347	.5	.5	75.6
<b>Other Europe</b> .....	2,251	<sup>7</sup> 12,851	11,509	25,065	19,619	.2	.2	88.3
<b>Asia:</b>								
Palestine.....			3,202	6,135	7,047	(1)	.1	94.4
Syria.....	(1)	<sup>8</sup> 59,702	51,900	57,227	50,880	.4	.4	90.9
Turkey in Asia.....			11,014	46,651	52,479	.3	.5	93.7
Other Asia.....	120,248	4,612	44,334	47,667	39,524	.3	.3	85.9
<b>America:</b>								
Canada—French.....	355,126	336,063	307,786	370,852	273,366	2.7	2.4	78.6
Canada—Other.....	764,796	810,967	810,092	907,660	770,753	6.5	6.7	75.4
Newfoundland.....	(1)	5,076	13,242	23,971	21,361	.2	.2	89.6
Mexico.....	103,393	219,802	478,383	639,017	377,433	4.6	3.8	63.1
Cuba.....	11,081	12,869	12,843	16,089	15,277	.1	.1	92.5
Other West Indies.....	14,354	10,300	13,528	15,511	15,287	.1	.1	87.4
Central America.....	2,897	1,507	4,074	7,791	7,638	.1	.1	90.7
South America.....	4,733	7,569	16,355	30,333	28,770	.3	.3	87.7
<b>All other:</b>								
Australia.....	5,807	5,938	10,801	12,720	10,998	.1	.1	78.3
Azores.....			33,768	35,432	25,751	.3	.2	61.9
Other Atlantic Islands.....	9,768	15,795	5,196	4,053	3,232	(1)	(1)	70.2
Other and not reported.....	16,293	15,434	17,727	18,716	16,649	.1	.2	78.3

<sup>1</sup> Less than one-tenth of 1 percent.

<sup>2</sup> Listed as Holland prior to 1910.

<sup>3</sup> Persons reported in 1910 as of Polish mother tongue born in Austria, Germany, and Russia have been deducted from their respective countries and combined as Poland.

<sup>4</sup> Turkey in Asia included with Turkey in Europe prior to 1910.

<sup>5</sup> Includes 4,635 persons born in Serbia and 5,363 persons born in Montenegro, which became part of Yugoslavia in 1918.

<sup>6</sup> Turkey in Asia included Armenia, Palestine, and Syria in 1910. Subsequent to 1910 Armenia included with "Other Asia."

<sup>7</sup> Newfoundland included with Canada in 1900.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II, Part I.

## CITIZENSHIP AND NATIVITY

41

No. 41.—POPULATION 21 YEARS OLD AND OVER, BY CITIZENSHIP AND NATIVITY, BY STATES—1940

DIVISION AND STATE	Total	CITIZEN				ALIEN		Citizen-ship not reported
		Total		Native	Naturalized	First papers	No papers	
		Number	Per cent					
United States...	83, 996, 829	79, 863, 451	95. 1	72, 703, 806	7, 159, 645	970, 416	2, 424, 976	797, 786
New England	5, 636, 471	5, 015, 634	89. 0	4, 162, 263	853, 371	114, 978	263, 102	122, 767
Maine	533, 230	493, 806	92. 6	452, 892	40, 914	6, 734	26, 370	6, 620
New Hampshire	325, 206	296, 859	91. 0	258, 602	37, 257	5, 606	15, 785	7, 864
Vermont	228, 037	214, 246	94. 0	197, 948	16, 300	3, 036	7, 654	2, 899
Massachusetts	2, 916, 202	2, 575, 477	88. 3	2, 076, 027	498, 550	61, 296	211, 439	67, 990
Rhode Island	474, 195	424, 876	89. 6	338, 024	56, 852	8, 896	29, 422	11, 001
Connecticut	1, 159, 601	1, 011, 658	87. 2	837, 870	173, 788	29, 318	92, 232	26, 393
Middle Atlantic	16, 536, 034	16, 951, 733	91. 6	14, 073, 263	2, 878, 470	372, 586	926, 568	296, 149
New York	9, 350, 096	8, 327, 663	89. 1	6, 525, 864	1, 801, 799	238, 882	620, 254	193, 327
New Jersey	2, 834, 600	2, 592, 978	91. 5	2, 153, 787	439, 191	47, 341	138, 231	56, 660
Pennsylvania	6, 351, 408	6, 031, 192	95. 0	5, 393, 692	637, 500	66, 362	168, 083	65, 771
East North Central	17, 594, 155	16, 794, 537	95. 5	15, 076, 893	1, 717, 644	221, 070	429, 818	144, 733
Ohio	4, 593, 907	4, 404, 423	96. 1	4, 074, 271	330, 152	50, 016	96, 441	33, 027
Indiana	2, 235, 350	2, 106, 935	94. 4	2, 126, 066	71, 949	9, 757	18, 346	8, 313
Illinois	5, 351, 944	5, 119, 854	95. 7	4, 428, 862	690, 992	73, 557	143, 917	44, 616
Michigan	3, 374, 373	3, 131, 722	92. 8	2, 712, 838	418, 884	68, 091	136, 749	37, 811
Wisconsin	2, 018, 581	1, 941, 608	96. 2	1, 733, 936	207, 672	19, 049	34, 363	22, 966
West North Central	8, 697, 426	8, 501, 797	97. 8	7, 927, 077	574, 720	40, 442	73, 928	62, 261
Minnesota	1, 796, 867	1, 730, 547	96. 3	1, 504, 063	226, 484	15, 027	33, 402	27, 881
Iowa	1, 639, 266	1, 606, 926	98. 1	1, 523, 355	83, 571	4, 873	9, 791	15, 706
Missouri	2, 501, 472	2, 463, 726	98. 5	2, 388, 912	74, 814	9, 250	17, 590	10, 906
North Dakota	373, 216	358, 090	95. 9	299, 489	58, 601	2, 551	4, 337	8, 238
South Dakota	368, 165	378, 405	97. 5	344, 857	33, 548	2, 187	2, 175	5, 398
Nebraska	836, 581	817, 280	97. 7	755, 289	61, 991	3, 941	7, 926	7, 434
Kansas	1, 161, 866	1, 144, 823	98. 5	1, 110, 992	33, 831	2, 613	7, 754	6, 696
South Atlantic	10, 402, 423	10, 285, 903	98. 9	10, 106, 718	177, 185	24, 473	66, 237	31, 610
Delaware	177, 635	171, 856	96. 7	163, 057	8, 799	1, 073	2, 838	1, 968
Maryland	1, 185, 654	1, 153, 510	97. 3	1, 105, 113	48, 397	6, 966	16, 090	9, 068
Dist. of Columbia	484, 738	474, 793	97. 9	450, 837	23, 956	2, 616	5, 271	2, 058
Virginia	1, 575, 481	1, 567, 517	99. 5	1, 552, 877	14, 640	1, 606	2, 933	3, 423
West Virginia	1, 066, 732	1, 046, 107	98. 1	1, 025, 876	20, 231	4, 292	12, 413	9, 990
North Carolina	1, 929, 051	1, 925, 483	99. 8	1, 920, 199	5, 284	722	1, 013	1, 633
South Carolina	991, 536	989, 841	99. 8	986, 750	3, 091	314	458	823
Georgia	1, 772, 936	1, 768, 969	99. 8	1, 701, 992	7, 977	849	1, 493	1, 623
Florida	1, 218, 660	1, 187, 827	97. 5	1, 142, 917	44, 910	6, 036	17, 729	7, 070
East South Central	6, 190, 838	6, 084, 611	98. 3	5, 056, 293	28, 318	3, 110	5, 912	7, 266
Kentucky	1, 635, 781	1, 630, 772	99. 7	1, 620, 424	10, 348	1, 063	1, 536	2, 410
Tennessee	1, 707, 760	1, 703, 391	99. 7	1, 696, 635	6, 756	867	1, 753	1, 749
Alabama	1, 559, 680	1, 555, 369	99. 7	1, 547, 799	7, 570	829	1, 447	2, 035
Mississippi	1, 197, 617	1, 195, 079	99. 8	1, 191, 435	3, 644	351	1, 176	1, 011
West South Central	7, 707, 724	7, 536, 731	97. 8	7, 426, 917	109, 814	13, 458	132, 173	25, 362
Arkansas	1, 101, 800	1, 096, 986	99. 7	1, 094, 127	2, 859	441	855	1, 578
Louisiana	1, 374, 947	1, 364, 933	99. 3	1, 347, 638	17, 295	1, 940	5, 978	2, 087
Oklahoma	1, 369, 196	1, 362, 438	99. 5	1, 349, 071	13, 367	1, 326	2, 315	3, 115
Texas	3, 861, 721	3, 710, 374	96. 1	3, 636, 081	74, 293	9, 740	123, 025	18, 562
Mountain	2, 494, 824	2, 393, 992	96. 0	2, 233, 240	160, 752	15, 475	61, 097	24, 260
Montana	356, 096	343, 180	96. 4	300, 717	42, 463	2, 594	5, 304	5, 048
Idaho	312, 965	303, 311	97. 6	288, 939	16, 372	1, 749	3, 181	2, 724
Wyoming	155, 433	150, 031	96. 6	138, 024	11, 407	1, 075	2, 936	1, 391
Colorado	713, 966	688, 410	96. 4	643, 383	45, 027	4, 496	14, 934	6, 125
New Mexico	284, 290	275, 227	96. 8	269, 495	5, 732	753	7, 043	1, 273
Arizona	288, 265	263, 346	91. 4	251, 638	11, 708	1, 899	19, 624	3, 206
Utah	308, 439	298, 190	96. 7	275, 892	22, 298	2, 040	5, 021	3, 219
Nevada	75, 363	70, 327	93. 3	64, 552	5, 775	906	2, 833	1, 276
Pacific	4, 826, 735	4, 394, 523	91. 2	4, 639, 144	655, 379	104, 826	353, 147	72, 240
Washington	1, 192, 962	1, 123, 725	94. 2	968, 886	154, 840	16, 113	35, 737	15, 407
Oregon	748, 212	717, 121	95. 8	660, 537	56, 584	7, 980	15, 324	7, 787
California	4, 885, 541	4, 455, 677	91. 2	3, 999, 722	455, 955	78, 732	262, 086	49, 046

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II, Part 1.

**No. 42.—MARITAL STATUS OF THE POPULATION 15 YEARS OLD AND OVER, BY SEX, 1890 TO 1940, AND BY URBAN AND RURAL, 1940**

[1940 figures for "single" include unknown marital status]

AREA AND CLASS	POPULATION 15 YEARS OLD AND OVER						PERCENT OF TOTAL		
	Total	Single	Married	Widowed	Divorced	Unknown	Single	Married	Widowed
<b>MALE</b>									
1890.....	20,777,872	8,655,711	11,205,205	815,437	49,100	52,419	41.7	53.9	3.9
1900.....	25,630,399	10,297,940	13,955,650	1,177,978	84,230	104,603	40.2	54.5	4.6
1910.....	32,425,805	12,550,129	18,092,600	1,471,390	156,162	155,524	38.7	56.8	4.5
1920.....	36,920,063	12,967,665	21,849,266	1,758,308	235,284	110,240	35.1	59.2	4.8
1930.....	43,881,021	14,953,712	26,327,109	2,026,036	489,478	85,686	34.1	60.0	4.6
1940.....	49,335,632	16,376,595	30,191,087	2,143,552	624,398	..	33.2	61.2	4.2
Urban.....	28,312,463	9,218,434	17,488,846	1,195,146	410,037	..	32.6	61.8	4.2
Rural-nonfarm.....	9,965,457	3,129,750	6,250,430	456,080	129,197	..	31.4	62.7	4.6
Rural-farm.....	11,057,712	4,028,411	6,451,811	492,326	85,164	..	36.4	58.2	4.6
<b>FEMALE</b>									
1890.....	19,602,178	6,233,316	11,124,785	2,154,598	71,883	17,596	31.8	56.8	11.0
1900.....	24,249,191	7,566,530	13,810,057	2,717,715	114,647	40,242	31.2	57.0	11.2
1910.....	30,047,325	8,933,170	17,484,687	3,176,228	185,088	68,172	29.7	58.9	10.6
1920.....	35,177,515	9,616,902	21,318,933	3,917,625	273,304	50,751	27.3	60.6	11.1
1930.....	42,837,149	11,306,653	26,170,756	4,734,207	573,148	52,385	26.4	61.1	11.1
1940.....	49,361,662	12,751,772	30,087,135	5,700,092	822,563	..	25.8	61.0	11.5
Urban.....	30,166,092	8,256,093	17,535,268	3,742,439	632,292	..	27.4	58.1	12.4
Rural-nonfarm.....	9,690,723	2,164,104	6,185,943	1,113,076	127,000	..	22.6	64.5	11.6
Rural-farm.....	9,604,747	2,331,575	6,385,924	844,577	62,671	..	24.3	66.3	8.8

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. IV, Part I.

**No. 48.—MARITAL STATUS OF THE POPULATION 14 YEARS OLD AND OVER, BY AGE AND SEX: APRIL 1940 AND 1947**

[In thousands. 1947 figures based on Current Population Survey; see Sampling Note, p. 175]

AGE (YEARS) AND SEX	TOTAL POPULATION, APRIL 1940					CIVILIAN POPULATION, APRIL 1947				
	Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
<b>NUMBER</b>										
<b>Male</b> .....	50,554	17,593	30,192	2,144	624	62,350	14,760	34,638	2,134	818
14 to 19.....	7,398	7,290	106	1	1	6,214	6,063	147	..	4
20 to 24.....	5,692	4,109	1,557	8	19	5,553	3,503	2,076	11	63
25 to 29.....	5,451	1,964	3,417	21	49	5,340	1,551	3,878	15	96
30 to 34.....	5,070	1,050	3,913	37	71	5,354	845	4,394	22	103
35 to 44.....	9,185	1,284	7,552	155	173	9,926	1,062	8,439	118	207
45 to 54.....	7,962	885	6,591	328	158	8,339	763	7,144	267	166
55 to 64.....	5,409	577	4,245	480	98	6,368	575	5,177	495	121
65 and over.....	4,406	434	2,811	1,104	57	5,050	396	3,393	1,206	59
<b>Female</b> .....	50,549	13,936	30,590	5,790	823	64,906	12,078	35,212	6,376	1,140
14 to 19.....	7,341	6,506	717	7	9	6,616	5,798	780	6	23
20 to 24.....	5,895	2,781	3,026	33	56	6,095	2,143	3,778	56	118
25 to 29.....	5,646	1,288	4,185	72	101	6,014	925	4,875	75	139
30 to 34.....	5,172	762	4,156	128	126	5,719	660	4,768	109	133
35 to 44.....	9,168	951	7,431	638	240	10,167	912	8,477	467	301
45 to 54.....	7,550	654	5,737	991	166	8,395	665	6,502	1,024	304
55 to 64.....	5,163	462	3,255	1,365	81	6,275	472	4,090	1,589	115
65 and over.....	4,613	429	1,584	2,567	33	5,535	503	1,924	3,050	58
<b>PERCENT</b>										
<b>Male</b> .....	100.0	34.8	59.7	4.2	1.2	100.0	23.2	66.2	4.1	1.6
14 to 19.....	100.0	98.5	1.4	..	..	100.0	97.6	2.4	..	.1
20 to 24.....	100.0	72.2	27.4	.1	.3	100.0	62.0	34.7	.2	1.1
25 to 29.....	100.0	36.0	62.7	.4	.9	100.0	28.0	70.0	.3	1.7
30 to 34.....	100.0	20.7	77.2	.7	1.4	100.0	15.8	81.9	.4	1.9
35 to 44.....	100.0	14.0	82.4	1.7	1.9	100.0	10.8	85.9	1.2	2.1
45 to 54.....	100.0	11.1	82.8	4.1	2.0	100.0	9.1	85.7	3.2	2.0
55 to 64.....	100.0	10.7	78.5	9.0	1.8	100.0	9.0	81.3	7.8	1.9
65 and over.....	100.0	9.8	63.8	25.1	1.3	100.0	7.9	67.1	23.9	1.2
<b>Female</b> .....	100.0	27.6	59.5	11.3	1.6	100.0	22.0	64.2	11.6	2.2
14 to 19.....	100.0	90.0	9.8	.1	.1	100.0	87.6	11.9	.1	.3
20 to 24.....	100.0	47.2	51.3	.6	.9	100.0	35.2	62.0	.9	1.9
25 to 29.....	100.0	22.8	74.1	1.3	1.8	100.0	15.4	81.1	1.2	2.3
30 to 34.....	100.0	14.7	80.4	2.5	2.4	100.0	11.5	83.4	1.9	3.2
35 to 44.....	100.0	10.4	81.0	8.9	2.7	100.0	8.0	82.5	4.6	3.9
45 to 54.....	100.0	8.7	76.0	13.1	2.2	100.0	7.9	77.5	12.2	2.4
55 to 64.....	100.0	9.0	63.0	26.4	1.6	100.0	7.5	65.2	25.8	1.9
65 and over.....	100.0	9.3	34.3	55.6	.7	100.0	9.1	34.8	55.1	1.8

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-20, No. 10.



# MARITAL STATUS

43

**NO. 44.—MARITAL STATUS OF THE POPULATION 15 YEARS OLD AND OVER, BY SEX, BY STATES: 1940**

DIVISION AND STATE	MALES 15 YEARS OLD AND OVER								
	Number					Percent of total			
	Total	Single	Married	Widowed	Divorced	Single	Married	Widowed	Divorced
<b>United States</b> .....	49,338,632	18,376,596	30,191,087	2,143,852	624,298	33.2	61.2	4.8	1.2
<b>New England</b> .....	3,193,553	1,149,238	1,858,773	153,316	32,237	36.0	58.2	4.8	1.0
Maine.....	313,609	102,525	188,551	17,290	5,237	32.7	60.1	5.5	1.7
New Hampshire.....	186,412	61,971	110,835	10,679	3,027	33.2	59.8	6.7	1.6
Vermont.....	135,045	46,734	78,948	7,447	1,916	34.6	58.5	5.5	1.4
Massachusetts.....	1,624,278	598,247	934,173	77,181	14,677	36.8	57.5	4.6	.9
Rhode Island.....	269,190	98,973	155,316	12,281	2,620	36.8	57.7	4.6	1.0
Connecticut.....	665,028	240,788	390,950	28,537	4,750	36.2	58.8	4.6	.7
<b>Middle Atlantic</b> .....	10,638,589	3,755,166	6,347,453	471,015	64,965	35.3	59.7	4.4	.6
New York.....	5,277,306	1,881,537	3,157,750	236,805	31,424	35.8	59.8	4.3	.6
New Jersey.....	1,624,820	562,640	981,976	70,857	9,547	34.6	60.4	4.8	.6
Pennsylvania.....	3,736,473	1,330,989	2,207,727	173,763	23,994	35.6	59.1	4.7	.6
<b>East North Central</b> .....	10,281,948	3,307,300	6,354,723	464,857	155,169	32.3	61.8	4.6	1.5
Ohio.....	2,689,247	832,054	1,662,863	122,948	41,062	31.3	62.5	4.6	1.6
Indiana.....	1,307,347	386,364	837,406	63,246	21,241	29.5	64.1	4.8	1.6
Illinois.....	3,068,863	1,013,028	1,892,349	139,070	43,516	32.8	61.3	4.5	1.4
Michigan.....	2,025,279	632,094	1,254,575	85,063	33,547	32.2	61.9	4.2	1.7
Wisconsin.....	1,201,212	423,760	707,719	54,530	15,203	35.3	58.9	4.5	1.3
<b>West North Central</b> .....	5,129,974	1,711,003	3,120,219	230,170	68,682	33.4	60.8	4.6	1.3
Minnesota.....	1,076,476	408,015	610,648	45,242	11,571	37.9	58.8	4.3	1.1
Iowa.....	962,812	309,801	596,167	43,472	13,372	32.2	61.9	4.5	1.4
Missouri.....	1,431,622	429,984	910,812	68,918	21,908	30.0	63.6	4.8	1.5
North Dakota.....	234,918	98,930	128,974	9,318	1,793	41.4	54.0	3.9	.8
South Dakota.....	242,057	90,923	138,878	10,017	2,539	37.6	57.8	4.1	1.0
Nebraska.....	496,611	163,643	304,686	21,804	5,478	33.0	61.4	4.4	1.3
Kansas.....	682,481	209,707	430,354	31,490	10,921	30.7	63.1	4.6	1.6
<b>South Atlantic</b> .....	6,339,779	2,069,641	3,853,607	243,184	53,977	33.5	61.8	3.9	.9
Delaware.....	103,524	34,979	62,504	5,141	900	33.8	60.4	5.0	.9
Maryland.....	695,499	230,221	419,021	30,552	6,705	34.4	60.2	4.4	1.0
District of Columbia.....	258,276	90,495	154,108	9,636	4,037	35.0	59.7	3.7	1.6
Virginia.....	980,930	341,510	573,724	37,348	8,345	35.5	59.7	3.9	.9
West Virginia.....	667,247	226,198	409,892	24,814	6,353	33.9	61.4	3.7	1.0
North Carolina.....	1,186,601	408,975	731,908	39,354	6,366	34.5	61.7	3.3	.8
South Carolina.....	612,446	210,968	378,717	20,913	1,849	34.4	61.8	3.4	.8
Georgia.....	1,052,001	330,689	671,341	41,895	8,176	31.4	63.8	4.0	.8
Florida.....	703,255	286,116	452,394	33,801	11,244	29.3	64.3	4.8	1.6
<b>East South Central</b> .....	3,672,506	1,135,268	2,349,817	152,332	35,088	30.9	64.9	4.1	1.0
Kentucky.....	906,806	316,292	626,343	42,709	11,522	31.7	62.8	4.3	1.2
Tennessee.....	1,012,181	310,301	648,394	42,492	10,904	30.7	64.1	4.2	1.1
Alabama.....	937,833	291,246	603,014	36,637	6,936	31.1	64.3	3.9	.7
Mississippi.....	725,626	217,339	472,066	30,495	5,726	30.0	65.1	4.2	.8
<b>West South Central</b> .....	4,643,648	1,404,968	2,974,484	196,002	68,273	30.3	64.1	4.3	1.4
Arkansas.....	677,721	199,300	438,067	33,893	8,054	29.4	64.5	4.8	1.3
Louisiana.....	818,380	259,400	518,257	33,593	6,909	31.7	63.3	4.1	.8
Oklahoma.....	634,945	246,312	526,897	36,548	15,188	29.5	64.3	4.4	1.8
Texas.....	2,312,623	699,956	1,491,163	95,282	36,222	30.3	64.0	4.1	1.6
<b>Mountain</b> .....	1,580,504	521,749	933,011	64,801	30,943	33.7	60.2	4.2	2.0
Montana.....	226,824	86,219	125,964	9,734	4,907	38.0	55.5	4.3	2.2
Idaho.....	300,213	87,778	120,777	7,676	3,964	33.9	60.3	3.8	2.0
Wyoming.....	101,156	36,944	58,380	3,099	2,154	36.5	57.7	3.7	2.1
Colorado.....	423,169	132,778	291,748	20,096	8,547	31.4	61.9	4.7	2.0
New Mexico.....	179,468	58,365	110,562	8,098	2,443	32.5	61.6	4.5	1.4
Arizona.....	180,378	59,602	108,613	7,817	4,146	33.0	60.3	4.3	2.3
Utah.....	190,544	62,174	119,795	5,826	2,749	32.6	61.8	3.1	1.4
Nevada.....	48,760	17,869	26,992	1,856	2,013	36.7	56.4	3.8	4.1
<b>Pacific</b> .....	3,985,121	1,302,962	2,399,081	165,904	117,174	32.7	60.2	4.2	2.9
Washington.....	719,382	244,035	424,749	31,920	18,658	33.9	59.0	4.4	2.6
Oregon.....	444,661	139,949	272,700	19,706	12,504	31.5	61.3	4.4	2.8
California.....	2,820,898	918,978	1,701,632	114,276	86,012	32.6	60.3	4.1	2.0

No. 44.—MARITAL STATUS OF THE POPULATION 15 YEARS OLD AND OVER, BY SEX,  
BY STATES: 1940—Continued

DIVISION AND STATE	FEMALES 15 YEARS OLD AND OVER								
	Number					Percent of total			
	Total	Single	Married	Widowed	Divorced	Single	Married	Widowed	Divorced
<b>United States</b> .....	49,361,562	12,751,772	30,067,125	5,796,082	522,553	25.8	61.0	11.6	1.7
<b>New England</b> .....	3,354,071	1,071,146	1,855,626	383,297	44,812	31.9	55.3	11.4	1.3
Maine.....	312,316	80,590	187,638	37,650	6,238	25.8	60.1	12.1	2.0
New Hampshire.....	190,215	53,017	110,555	23,217	3,426	27.9	58.1	12.2	1.8
Vermont.....	131,657	34,267	78,403	16,958	2,029	26.0	59.6	12.9	1.5
Massachusetts.....	1,752,017	594,478	933,261	202,340	21,938	33.9	53.3	11.5	1.3
Rhode Island.....	286,366	94,789	155,763	31,552	4,252	33.1	54.4	11.0	1.5
Connecticut.....	681,510	214,005	389,206	71,570	6,729	31.4	57.1	10.5	1.0
<b>Middle Atlantic</b> .....	10,853,244	3,197,148	6,331,204	1,226,245	98,647	29.3	58.3	11.3	.9
New York.....	5,424,540	1,598,119	3,149,635	626,031	51,755	29.5	58.1	11.5	1.0
New Jersey.....	1,660,683	479,217	979,936	186,602	14,828	28.9	59.0	11.9	.9
Pennsylvania.....	3,768,121	1,119,812	2,201,633	414,612	32,084	29.7	58.4	11.0	.9
<b>East North Central</b> .....	10,128,597	3,535,379	5,304,138	1,108,790	190,290	35.0	62.2	10.9	1.9
Ohio.....	2,669,505	870,983	1,647,217	297,646	53,659	25.1	61.7	11.1	2.0
Indiana.....	1,207,901	290,237	831,880	149,656	26,128	22.4	64.1	11.5	2.0
Illinois.....	3,100,377	803,776	1,884,288	355,305	57,008	26.0	60.8	11.5	1.8
Michigan.....	1,916,671	452,648	1,238,505	186,627	39,891	23.7	64.6	9.8	1.9
Wisconsin.....	1,154,143	316,735	702,248	117,556	17,604	27.4	60.8	10.9	1.8
<b>West North Central</b> .....	3,048,367	1,294,950	3,107,868	560,295	85,244	25.7	61.6	11.1	1.7
Minnesota.....	1,027,673	303,569	606,429	102,954	14,721	29.5	59.0	10.0	1.4
Iowa.....	951,006	238,801	593,452	103,251	16,002	25.1	62.4	10.9	1.7
Missouri.....	1,467,399	341,596	910,728	185,077	29,996	23.3	62.1	12.6	2.0
North Dakota.....	212,430	64,338	128,291	17,813	1,988	30.3	60.4	8.4	.9
South Dakota.....	222,475	61,205	137,808	20,752	2,710	27.5	61.9	9.2	1.2
Nebraska.....	487,692	125,067	303,781	51,187	7,657	25.6	62.2	10.6	1.6
Kansas.....	679,082	160,372	437,379	79,161	12,170	23.6	62.9	11.7	1.8
<b>South Atlantic</b> .....	4,375,018	1,647,857	3,869,399	774,271	83,491	25.8	60.7	12.1	1.3
Delaware.....	102,469	26,865	62,332	12,120	1,152	26.2	60.8	11.9	1.1
Maryland.....	691,868	182,683	418,094	81,706	9,123	26.4	60.4	11.8	1.3
District of Columbia.....	266,630	85,052	155,834	38,468	7,276	29.7	64.4	13.4	2.5
Virginia.....	680,011	254,055	572,299	111,782	11,875	26.7	60.2	11.8	1.2
West Virginia.....	640,369	164,932	406,304	60,687	8,446	25.8	63.4	9.5	1.3
North Carolina.....	1,223,803	343,246	737,836	130,957	11,064	28.1	60.3	10.7	.9
South Carolina.....	646,673	177,937	384,446	80,995	3,295	27.5	59.4	12.5	.8
Georgia.....	1,114,535	266,822	679,028	154,322	14,393	23.9	60.9	13.8	1.3
Florida.....	718,630	145,365	453,226	103,144	16,895	20.2	63.1	14.4	2.4
<b>East South Central</b> .....	3,766,978	883,961	2,356,830	461,602	64,665	23.5	62.7	12.3	1.5
Kentucky.....	984,712	237,071	621,185	111,637	14,819	24.1	63.1	11.3	1.5
Tennessee.....	1,047,657	249,625	680,230	130,029	17,574	23.8	63.1	12.4	1.7
Alabama.....	978,970	232,468	609,036	124,988	12,478	23.7	62.2	12.8	1.3
Mississippi.....	745,639	184,617	476,379	94,849	9,794	22.1	63.9	12.7	1.3
<b>West South Central</b> .....	4,634,873	1,010,696	2,973,492	554,922	95,773	21.8	64.2	12.0	2.1
Arkansas.....	667,551	137,062	437,562	81,981	10,956	20.5	65.5	12.3	1.6
Louisiana.....	843,082	199,905	625,295	100,649	11,233	23.7	62.3	12.6	1.3
Oklahoma.....	818,606	171,037	533,799	93,473	20,297	20.9	65.2	11.4	2.5
Texas.....	2,306,634	502,692	1,476,836	272,819	53,287	21.8	64.1	11.8	2.3
<b>Mountain</b> .....	1,417,411	316,796	921,839	148,371	39,406	22.4	65.0	10.5	2.1
Montana.....	190,737	44,251	123,692	19,013	3,781	23.2	64.8	10.0	2.0
Idaho.....	174,504	36,638	119,132	15,650	3,044	21.0	68.3	9.0	1.7
Wyoming.....	82,867	17,160	56,886	6,967	1,875	20.7	68.6	8.4	2.3
Colorado.....	412,144	92,675	260,043	49,661	9,765	22.5	63.1	12.0	2.4
New Mexico.....	168,758	39,589	109,765	16,450	2,984	23.4	65.0	9.7	1.8
Arizona.....	164,949	34,974	107,277	18,600	4,038	21.2	65.0	11.3	2.5
Utah.....	186,801	45,330	119,555	18,368	3,548	24.3	64.0	9.8	1.9
Nevada.....	36,651	6,206	25,610	3,622	1,311	16.9	69.6	9.9	3.6
<b>Pacific</b> .....	3,783,013	793,830	2,367,339	482,469	139,435	21.0	62.6	12.8	2.7
Washington.....	650,307	138,440	418,669	74,409	18,490	21.3	64.4	11.4	2.9
Oregon.....	413,518	85,121	269,869	47,160	11,868	20.6	65.1	11.4	2.9
California.....	2,719,188	570,269	1,679,001	360,840	109,076	21.0	61.7	13.3	4.0

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. IV, Part I

**No. 45.—POPULATION IN HOUSEHOLDS, BY RELATIONSHIP TO HEAD AND BY SEX,  
AND POPULATION OUTSIDE HOUSEHOLDS, BY SEX, URBAN AND RURAL: 1940**  
[For definition of households, see p. 2]

AREA AND RELATIONSHIP TO HEAD	TOTAL		MALE		FEMALE		Males per 100 females
	Number	Per- cent	Number	Per- cent	Number	Per- cent	
<b>Total.....</b>	<b>131,669,376</b>	<b>100.0</b>	<b>64,061,532</b>	<b>100.0</b>	<b>65,607,843</b>	<b>100.0</b>	<b>100.7</b>
In households.....	128,427,069	97.6	64,039,104	98.9	64,387,965	98.1	99.6
Not in households <sup>1</sup> .....	3,242,306	2.5	2,022,428	3.1	1,219,716	1.9	166.8
Heads of quasi households.....	80,122	—	49,800	—	30,322	—	164.2
<b>In households.....</b>	<b>128,427,069</b>	<b>100.0</b>	<b>64,039,104</b>	<b>100.0</b>	<b>64,387,965</b>	<b>100.0</b>	<b>99.6</b>
Head (number of households).....	34,848,666	27.3	29,679,718	46.3	5,208,948	8.2	563.3
Wife.....	26,570,502	20.7	—	—	26,570,502	41.3	—
Child.....	51,304,634	39.9	26,828,049	41.9	24,478,585	38.0	109.6
Grandchild.....	2,394,462	1.9	1,233,290	1.9	1,161,172	1.8	106.2
Parent.....	2,226,755	1.7	623,839	1.0	1,602,916	2.5	38.9
Other relative.....	5,465,672	4.3	2,711,422	4.2	2,774,250	4.3	97.7
Lodger.....	4,402,006	3.5	2,037,845	4.1	1,824,761	2.8	144.6
Servant or hired hand.....	1,033,772	.8	826,941	.6	766,831	1.1	46.3
<b>Urban, total.....</b>	<b>74,423,702</b>	<b>100.0</b>	<b>36,363,706</b>	<b>100.0</b>	<b>38,059,996</b>	<b>100.0</b>	<b>96.6</b>
In households.....	72,393,593	97.3	35,173,862	96.7	37,219,731	97.8	94.6
Not in households <sup>1</sup> .....	2,030,109	2.7	1,189,844	3.3	840,265	2.2	141.6
Heads of quasi households.....	60,333	—	35,908	—	24,425	—	147.0
<b>In households.....</b>	<b>72,393,593</b>	<b>100.0</b>	<b>35,173,862</b>	<b>100.0</b>	<b>37,219,731</b>	<b>100.0</b>	<b>94.6</b>
Head (number of households).....	20,648,432	28.5	16,916,050	48.1	3,732,382	10.0	463.2
Wife.....	15,324,707	21.0	—	—	15,324,707	40.9	—
Child.....	26,835,368	37.1	13,744,743	39.1	13,090,625	35.2	105.0
Grandchild.....	1,145,499	1.6	581,219	1.7	564,280	1.5	103.0
Parent.....	1,358,810	1.9	353,807	1.0	1,005,003	2.7	35.2
Other relative.....	3,341,897	4.6	1,618,425	4.6	1,723,472	4.6	93.9
Lodger.....	3,327,810	4.6	1,921,273	5.5	1,406,537	3.8	126.6
Servant or hired hand.....	511,070	.7	38,345	.1	472,725	1.3	8.1
<b>Rural-nonfarm, total.....</b>	<b>27,029,385</b>	<b>100.0</b>	<b>12,767,816</b>	<b>100.0</b>	<b>13,271,569</b>	<b>100.0</b>	<b>163.7</b>
In households.....	26,013,506	96.2	13,055,117	94.9	12,958,388	97.6	100.7
Not in households <sup>1</sup> .....	1,015,880	3.8	702,399	5.1	313,481	2.4	224.1
Heads of quasi households.....	16,792	—	11,472	—	5,320	—	215.6
<b>In households.....</b>	<b>26,013,506</b>	<b>100.0</b>	<b>13,055,117</b>	<b>100.0</b>	<b>12,958,388</b>	<b>100.0</b>	<b>100.7</b>
Head (number of households).....	7,225,889	27.8	6,231,971	47.7	993,918	7.7	627.0
Wife.....	5,556,493	21.4	—	—	5,556,493	42.9	—
Child.....	10,611,626	40.8	5,564,345	42.6	5,047,281	38.9	110.2
Grandchild.....	481,070	1.8	247,635	1.9	233,435	1.8	106.1
Parent.....	389,294	1.5	117,888	.9	271,406	2.1	43.3
Other relative.....	916,665	3.5	470,670	3.6	446,225	3.4	103.5
Lodger.....	666,826	2.6	398,204	3.1	268,622	2.1	148.2
Servant or hired hand.....	163,412	.6	24,404	.2	141,008	1.1	17.3
<b>Rural-farm, total.....</b>	<b>30,216,188</b>	<b>100.0</b>	<b>15,940,370</b>	<b>100.0</b>	<b>14,275,816</b>	<b>100.0</b>	<b>111.7</b>
In households.....	20,019,971	99.4	15,810,125	99.2	14,209,846	99.6	111.3
Not in households <sup>1</sup> .....	196,217	.6	130,245	.8	65,972	.5	197.4
Heads of quasi households.....	2,997	—	2,420	—	577	—	419.4
<b>In households.....</b>	<b>20,019,971</b>	<b>100.0</b>	<b>15,810,125</b>	<b>100.0</b>	<b>14,209,846</b>	<b>100.0</b>	<b>111.3</b>
Head (number of households).....	7,074,345	23.6	6,531,697	41.3	542,648	3.8	1,203.7
Wife.....	5,789,302	19.3	—	—	5,789,302	40.7	—
Child.....	13,857,640	45.2	7,516,961	47.5	6,340,679	44.6	116.6
Grandchild.....	767,893	2.8	404,438	2.6	363,457	2.6	111.3
Parent.....	478,951	1.6	152,144	1.0	326,807	2.3	46.6
Other relative.....	1,226,880	4.1	622,327	3.9	604,553	4.3	102.9
Lodger.....	467,979	1.6	318,368	2.0	149,602	1.1	212.8
Servant or hired hand.....	357,290	1.2	264,192	1.7	93,098	.7	263.8

<sup>1</sup> Persons living in large lodging houses, hotels for transients, institutions, etc.

Source. Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. IV, Part 1.

### No. 46.—HOUSEHOLDS, BY COLOR OF HEAD, WITH POPULATION PER HOUSEHOLD: 1890 TO 1960

[Figures for 1890 to 1940 based on complete census. Figures for 1941 to 1945 estimated on basis of number of marriages and divorces and allowances for wartime effects on household formation. Figures for 1946 and 1947 based on Current Population Survey, see Sampling Note, p. 175. Figures for 1955 and 1960 based on "medium" projections of previous trends. Statistics for 1900, 1930, and subsequent years represent (private) households only; those for 1890, 1910, and 1920 include the small number of hotels, institutions, and other quasi households. For definition of households, see p. 2]

DATE	HOUSEHOLDS			COLOR OF HEAD			
	Number	Annual increase over preceding date		White		Nonwhite <sup>1</sup>	
		Number	Percent	Number	Percent	Number	Percent
1890 (June 1)	12,690,152		4.93	11,255,169	88.7	1,434,983	11.3
1900 (June 1)	15,963,965	327,361	2.32	14,063,791	88.1	1,900,174	11.9
1910 (Apr. 15)	20,255,555	434,871	2.44				
1920 (Jan. 1)	24,351,876	418,398	1.80	21,826,654	89.6	2,526,022	10.4
1930 (Apr. 1)	29,904,663	541,756	2.02	26,982,994	90.2	2,921,669	9.8
1940 (Apr. 1)	34,948,666	504,400	1.55	31,679,766	90.6	3,268,900	9.4
1941 (July 1)	35,850,000	721,000	2.06				
1942 (July 1)	36,450,000	600,000	1.67				
1943 (July 1)	36,876,000	425,000	1.17				
1944 (July 1)	37,100,000	225,000	.67				
1945 (July 1)	37,500,000	400,000	1.06				
1946 (June 15)	38,183,000	711,000	1.90				
1947 (Apr. 15)	39,138,000	1,151,000	3.02	35,593,000	90.9	3,545,000	9.1
1955 (July 1)	42,925,000	461,000	1.13				
1960 (July 1)	44,775,000	370,000	.85				

<sup>1</sup> Obtained by dividing total population by number of households (members of armed forces excluded 1941 to 1947); hence not strictly average size of household because about 2.5 percent of total population are members of quasi households.

<sup>2</sup> The number of households with a Negro as head was 1,410,769 in 1890; 1,833,759 in 1900; 2,173,018 in 1910; 2,430,825 in 1920; 2,803,756 in 1930; and 3,141,883 in 1940.

Source: Department of Commerce, Bureau of the Census; Thirteenth Census Reports, Population, Vol. I; Sixteenth Census Reports, Population, Vol. IV, Part I; Families—General Characteristics; Characteristics of Nonwhite Population by Race; Population—Special Reports, Series P-46, Nos. 4, 6, and 7, and Series P-8, No. 16; Current Population Reports, Series P-20, Nos. 3 and 11, and records.

### No. 47.—HOUSEHOLDS, BY NUMBER OF RELATED PERSONS, URBAN AND RURAL: APRIL 1940 AND 1947

[1940 figures based on Sample D, see p. 1; for figures based on complete count, see table 46. 1947 figures based on Current Population Survey, see Sampling Note, p. 175. For definition of households and related persons, see p. 2]

YEAR AND NUMBER OF RELATED PERSONS	NUMBER				PERCENT DISTRIBUTION			
	Total	Urban	Rural-non-farm	Rural-farm	Total	Urban	Rural-non-farm	Rural-farm
<b>1940</b>								
All households	35,967,440	29,749,200	7,261,340	7,076,900	100.0	100.0	100.0	100.0
1 person	3,497,200	2,267,400	793,560	436,240	10.0	10.9	10.9	6.2
2 persons	9,012,700	5,697,720	1,851,840	1,463,140	25.7	27.5	25.5	20.7
3 persons	7,709,840	4,756,560	1,580,240	1,373,040	22.0	22.9	21.8	19.4
4 persons	6,164,000	3,680,540	1,246,920	1,236,540	17.6	17.7	17.2	17.8
5 persons	3,749,480	2,073,620	768,720	907,120	10.7	10.0	10.6	12.8
6 persons	2,171,540	1,097,880	449,000	624,680	6.2	5.3	6.2	8.8
7 or more persons	2,782,700	1,176,500	571,080	1,036,140	7.9	5.7	7.9	14.6
Median number <sup>1</sup>	3.15	3.01	3.12	3.72				
<b>1947</b>								
All households	39,138,000	23,863,000	8,594,600	6,681,000	100.0	100.0	100.0	100.0
1 person	3,714,000	2,626,000	765,000	323,000	9.5	11.0	8.9	4.8
2 persons	10,891,000	6,846,000	2,415,000	1,630,000	27.8	28.7	28.1	24.4
3 persons	8,756,000	5,467,000	1,898,000	1,301,000	22.4	22.9	22.1	20.8
4 persons	7,171,000	4,332,000	1,612,000	1,227,000	18.3	18.2	18.8	18.4
5 persons	4,094,000	2,334,000	928,000	832,000	10.5	9.8	10.8	12.8
6 persons	2,186,000	1,200,000	444,000	542,000	5.6	5.0	5.2	8.1
7 or more persons	2,326,000	1,058,000	532,000	736,000	5.9	4.4	6.2	11.6
Median number <sup>1</sup>	3.07	2.95	3.12	3.50				

<sup>1</sup> Median number of related persons per household. For definition of median, see headnote, table 23, p. 34.

Source: Dept. of Commerce, Bureau of the Census; Current Population Reports, Series P-20, No. 11.

No. 48.—HOUSEHOLDS, BY MARITAL STATUS, AGE, AND SEX OF HEAD: APRIL 1940,  
MAY 1945, AND APRIL 1947

[1940 figures based on Sample D; see p. 1. 1945 and 1947 based on Current Population Survey, see Sampling Note, p. 175. For definition of households, see p. 2)

YEAR, SEX, AND MARITAL STATUS OF HEAD	ALL HOUSEHOLDS		HOUSEHOLDS WITH HEAD UNDER 45 YEARS OLD			HOUSEHOLDS WITH HEAD 45 YEARS OLD AND OVER		
	Number	Percent	Number	Percent	Percent of all house- holds	Number	Percent	Percent of all house- holds
<b>1940</b>								
All households.....	35,087,440	100.0	16,676,480	100.0	47.5	18,410,960	100.0	52.5
Male head.....	29,734,200	84.7	15,145,300	90.8	50.9	14,588,900	79.2	49.1
Married, wife present.....	26,605,800	75.8	14,153,960	84.9	53.2	12,451,840	67.6	46.8
Married, wife absent.....	447,080	1.3	167,800	1.0	37.5	279,280	1.5	62.5
Widowed.....	1,170,760	3.3	104,920	.6	9.0	1,065,840	5.8	91.0
Divorced.....	192,540	.5	68,040	.4	35.3	124,500	.7	64.7
Single.....	1,318,020	3.8	650,580	3.9	49.4	667,440	3.6	50.6
Female head.....	5,353,240	15.3	1,531,180	9.2	28.6	3,822,060	20.8	71.4
Married, husband absent.....	785,180	2.2	427,060	2.6	54.4	358,120	1.9	45.6
Widowed.....	3,279,660	9.3	475,080	2.8	14.5	2,804,580	15.2	85.5
Divorced.....	387,240	1.1	219,200	1.3	56.6	168,040	.9	43.4
Single.....	901,160	2.6	409,840	2.5	45.5	491,320	2.7	54.5
<b>1945</b>								
All households.....	37,450,000	100.0	16,490,000	100.0	44.0	20,960,000	100.0	56.0
Male head.....	29,250,000	78.1	12,930,000	78.4	44.2	16,320,000	77.9	55.8
Married, wife present.....	26,620,000	71.1	12,350,000	74.9	46.4	14,270,000	68.1	53.6
Other marital status.....	2,630,000	7.0	580,000	3.5	22.1	2,060,000	9.8	78.3
Female head.....	8,210,000	21.9	3,570,000	21.6	43.5	4,640,000	22.1	56.5
<b>1947</b>								
All households.....	39,138,000	100.0	18,289,000	100.0	46.7	20,849,000	100.0	53.3
Male head.....	33,256,000	85.0	16,719,000	91.4	50.3	16,537,000	79.3	49.7
Married, wife present.....	30,545,000	78.0	16,012,000	87.5	52.4	14,533,000	69.7	47.6
Married, wife absent.....	377,000	1.0	120,000	.7	31.8	257,000	1.2	68.2
Widowed.....	1,116,000	2.9	75,000	.4	6.7	1,041,000	5.0	93.3
Divorced.....	220,000	.6	85,000	.5	38.6	135,000	.6	61.4
Single.....	998,000	2.5	427,000	2.3	42.8	571,000	2.7	57.2
Female head.....	5,882,000	15.0	1,570,000	8.6	26.7	4,312,000	20.7	73.3
Married, husband absent.....	752,000	1.9	428,000	2.3	56.9	324,000	1.6	43.1
Widowed.....	3,645,000	9.3	414,000	2.3	11.4	3,231,000	15.5	88.6
Divorced.....	547,000	1.4	319,000	1.7	58.3	228,000	1.1	41.7
Single.....	938,000	2.4	409,000	2.2	43.6	529,000	2.5	56.4

Source: Department of Commerce, Bureau of the Census; Population—Special Reports, Series P-46, No. 8; and Current Population Reports, Series P-20, No. 16.

**No. 49.—HOUSEHOLDS, URBAN AND RURAL, BY COLOR OF HEAD, WITH POPULATION PER HOUSEHOLD, 1940, AND NUMBER OF HOUSEHOLDS, 1930, BY STATES**  
 (1940 statistics based on Sample F; see p. . For definition of households, see p. 2)

DIVISION AND STATE	Households, 1930	HOUSEHOLDS, 1940							Population per household <sup>1</sup>
		Total	Color of head		Residence				
			White	Nonwhite	Urban	Rural-nonfarm	Rural-farm		
				Number	Per cent				
United States	29,904,643	28,088,840	21,794,900	8,293,940	9.4	20,735,300	7,211,120	7,142,620	3.8
New England	1,961,499	2,221,680	2,194,360	27,320	1.2	1,683,480	404,640	138,260	2.8
Maine	197,826	222,080	221,180	900	.4	88,480	91,700	41,900	2.8
N. Hampshire	119,337	135,900	135,900	60	(9)	76,960	43,020	15,980	3.6
Vermont	89,188	91,880	91,760	120	.1	32,400	34,800	24,680	3.9
Massachusetts	1,021,160	1,128,840	1,111,520	14,320	1.3	1,006,340	95,620	23,880	2.8
Rhode Island	165,343	189,120	186,120	3,000	1.6	171,300	15,100	2,720	2.8
Connecticut	388,645	456,700	447,880	8,820	1.9	308,000	124,600	24,100	2.7
Middle Atlantic	6,374,280	7,325,100	7,006,420	318,680	4.4	5,702,460	1,196,380	427,260	3.7
New York	3,153,124	3,685,380	3,538,260	147,120	4.0	3,075,420	425,040	184,020	3.7
New Jersey	985,636	1,110,580	1,064,880	45,700	5.0	906,000	170,620	33,960	3.7
Pennsylvania	2,235,620	2,529,140	2,413,280	115,860	4.6	1,721,040	599,720	208,380	3.9
E. N. Central	6,362,823	7,317,840	7,041,400	276,440	3.8	4,875,000	1,280,260	1,161,780	3.6
Ohio	1,697,918	1,905,700	1,819,520	86,180	4.5	1,297,240	338,200	270,160	3.6
Indiana	843,086	962,340	929,620	32,720	3.4	642,500	203,880	216,960	3.6
Illinois	1,929,396	2,216,580	2,113,040	103,540	4.7	1,648,620	318,940	251,020	3.6
Michigan	1,180,554	1,405,480	1,357,620	47,860	3.4	927,020	255,000	223,460	3.7
Wisconsin	711,889	826,940	821,600	5,340	.6	459,020	166,140	201,180	3.8
W. N. Central	3,317,881	3,706,440	3,596,960	109,480	3.0	1,731,720	814,660	1,159,640	3.5
Minnesota	606,496	726,980	730,360	5,620	.8	367,780	136,220	211,960	3.8
Iowa	636,704	704,520	699,600	5,020	.7	316,420	158,980	229,120	3.6
Missouri	939,476	1,072,580	1,004,060	68,500	6.4	578,460	202,940	291,180	3.5
North Dakota	145,008	155,100	153,120	1,980	1.3	34,700	47,940	72,460	4.1
South Dakota	161,013	163,580	168,980	4,000	2.8	42,700	49,560	71,320	3.9
Nebraska	342,999	360,180	358,400	4,780	1.3	144,620	90,940	124,020	3.7
Kansas	487,188	514,500	496,520	18,980	3.7	228,040	127,500	168,960	3.5
South Atlantic	3,511,860	4,318,100	3,224,840	1,093,260	25.3	1,854,260	1,189,300	1,274,540	4.1
Delaware	50,092	72,420	63,300	9,120	12.6	38,420	22,760	11,240	2.7
Maryland	385,179	471,600	401,320	70,280	14.9	290,120	177,880	54,100	2.9
Dist. of Col.	126,554	170,640	131,000	39,640	23.2	170,640			3.9
Virginia	626,069	632,100	484,360	147,740	23.4	244,940	176,380	210,780	4.2
W. Virginia	373,941	440,200	412,860	27,340	6.2	138,400	192,480	109,320	4.3
N. Carolina	644,033	794,860	585,400	209,460	26.4	243,900	215,980	334,980	4.5
S. Carolina	365,680	437,680	254,320	183,360	41.9	126,760	129,000	181,920	4.2
Georgia	652,793	765,290	496,100	269,190	34.9	297,200	171,620	296,460	4.1
Florida	376,499	633,320	394,180	239,140	26.1	203,680	153,700	75,740	3.8
E. S. Central	2,273,369	2,829,700	1,933,220	896,480	24.5	867,820	689,680	1,173,600	4.1
Kentucky	600,405	693,960	634,240	59,720	8.6	236,460	181,800	275,700	4.1
Tennessee	600,625	714,420	580,620	133,800	18.7	276,080	153,840	284,500	4.1
Alabama	591,825	677,720	447,300	230,420	34.0	229,980	158,860	268,880	4.2
Mississippi	471,704	543,600	271,060	272,540	50.1	124,500	95,180	323,920	4.0
W. S. Central	2,848,262	3,465,320	2,759,120	646,100	19.0	1,449,160	760,520	1,196,540	3.8
Arkansas	438,639	497,620	371,820	125,800	25.3	125,660	112,760	259,400	3.9
Louisiana	486,363	593,800	375,300	218,500	36.8	273,600	136,720	193,540	4.0
Oklahoma	564,164	615,320	560,360	54,960	8.9	252,840	141,640	220,840	3.5
Texas	1,380,096	1,698,220	1,451,640	246,580	14.5	607,000	369,400	521,760	3.6
Mountain	914,408	1,129,000	1,068,980	40,020	3.5	513,740	344,280	270,980	3.7
Montana	136,210	159,660	153,360	4,280	2.7	64,080	49,680	46,000	3.5
Idaho	106,044	143,120	143,740	1,380	1.0	52,520	41,560	51,040	3.6
Wyoming	56,887	69,220	67,900	1,320	1.8	26,880	23,340	19,000	3.6
Colorado	267,324	319,700	314,380	5,320	1.7	177,620	78,160	63,920	3.5
New Mexico	98,546	131,480	122,740	8,740	6.6	47,060	44,380	40,040	4.0
Arizona	105,992	130,860	114,860	16,000	12.2	48,980	55,100	26,780	3.8
Utah	115,936	139,440	138,000	1,440	1.0	63,960	35,480	20,000	3.9
Nevada	25,469	33,520	31,920	1,600	4.8	12,640	16,680	4,200	2.5
Pacific	2,300,191	3,036,660	2,949,600	87,060	2.9	2,067,340	632,760	346,520	3.3
Washington	423,833	542,420	532,680	9,740	1.8	306,160	141,360	94,900	3.3
Oregon	266,328	343,280	339,660	3,620	1.1	176,100	92,880	74,300	3.3
California	1,610,030	2,150,960	2,077,260	73,700	3.4	1,575,100	398,540	177,320	3.3

Obtained by dividing total population by number of households; hence not strictly average size of household, because about 2.5 per cent of total population are members of quasi households.

<sup>1</sup> Less than 0.1 percent.

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Population, Vol. VI, and special report of Sixteenth Census, Families—General Characteristics.



## No. 50.—HOUSEHOLDS BY NUMBER OF RELATED PERSONS BY STATES: 1940

(Statistics based on Sample F; see p. 1. For definition of households and related persons, see p. 2.)

DIVISION AND STATE	HOUSEHOLDS WITH SPECIFIED NUMBER OF RELATED PERSONS							Median number of related persons <sup>1</sup>
	1	2	3	4	5	6	7 or more	
<b>United States.....</b>	<b>3,546,730</b>	<b>9,046,550</b>	<b>7,790,860</b>	<b>6,183,620</b>	<b>3,733,340</b>	<b>2,168,200</b>	<b>2,777,420</b>	<b>3.15</b>
<b>New England.....</b>	<b>223,740</b>	<b>554,780</b>	<b>479,760</b>	<b>399,500</b>	<b>249,220</b>	<b>142,200</b>	<b>173,840</b>	<b>2.19</b>
Maine.....	26,260	55,960	46,760	34,720	23,540	13,860	20,980	3.12
New Hampshire.....	17,600	36,540	28,020	21,960	14,000	8,100	9,620	2.99
Vermont.....	10,680	23,420	20,140	14,780	9,340	5,620	7,900	3.09
Massachusetts.....	112,180	277,100	239,400	204,880	130,180	74,500	87,620	3.33
Rhode Island.....	18,080	47,600	41,020	35,140	20,640	11,540	15,100	3.20
Connecticut.....	38,960	114,060	104,360	87,100	51,520	28,680	32,120	3.22
<b>Middle Atlantic.....</b>	<b>699,820</b>	<b>1,826,680</b>	<b>1,650,920</b>	<b>1,379,060</b>	<b>816,920</b>	<b>446,280</b>	<b>506,420</b>	<b>3.19</b>
New York.....	392,380	962,300	838,400	699,920	395,640	197,300	199,440	3.08
New Jersey.....	87,360	277,320	256,500	216,680	127,680	71,300	73,740	3.24
Pennsylvania.....	220,080	587,060	556,020	462,460	292,600	177,680	233,240	3.32
<b>East North Central.....</b>	<b>697,260</b>	<b>1,979,640</b>	<b>1,664,440</b>	<b>1,328,260</b>	<b>766,460</b>	<b>420,700</b>	<b>460,340</b>	<b>3.09</b>
Ohio.....	178,720	519,180	437,720	341,460	186,660	109,080	122,880	3.08
Indiana.....	91,380	280,040	214,260	164,400	94,960	55,160	62,240	3.01
Illinois.....	226,580	609,100	511,940	410,620	226,660	115,600	116,080	3.03
Michigan.....	125,420	370,740	311,580	257,100	153,360	88,540	98,740	3.16
Wisconsin.....	75,160	200,560	188,940	154,720	94,720	52,420	60,400	3.23
<b>West North Central.....</b>	<b>386,020</b>	<b>1,004,840</b>	<b>824,680</b>	<b>635,420</b>	<b>394,840</b>	<b>216,940</b>	<b>253,700</b>	<b>3.06</b>
Minnesota.....	76,180	177,180	160,660	133,500	86,260	46,960	55,240	3.21
Iowa.....	70,260	197,460	156,620	123,120	74,020	40,180	42,860	3.04
Missouri.....	109,440	320,220	245,100	173,860	96,840	56,420	68,640	2.93
North Dakota.....	15,880	30,160	30,100	28,260	19,260	12,000	18,840	3.55
South Dakota.....	18,180	39,020	34,200	27,640	18,180	11,880	14,480	3.22
Nebraska.....	38,300	94,880	80,060	64,680	38,300	21,660	22,280	3.09
Kansas.....	57,780	145,920	117,860	84,360	49,980	27,240	31,360	2.95
<b>South Atlantic.....</b>	<b>368,480</b>	<b>963,400</b>	<b>856,740</b>	<b>725,200</b>	<b>496,840</b>	<b>327,220</b>	<b>530,020</b>	<b>3.41</b>
Delaware.....	7,660	19,160	16,540	12,560	6,920	4,600	4,880	3.06
Maryland.....	44,360	119,900	103,620	81,440	51,380	30,080	40,820	3.19
Dist. of Columbia.....	28,680	50,560	35,520	25,700	13,380	7,460	9,140	2.67
Virginia.....	51,280	138,740	131,640	105,800	71,980	49,900	82,840	3.46
West Virginia.....	31,700	89,500	66,920	77,180	50,760	39,120	58,980	3.85
North Carolina.....	43,280	150,340	159,120	138,340	103,660	71,740	128,380	3.82
South Carolina.....	32,080	86,500	86,480	72,440	54,080	35,920	70,180	3.69
Georgia.....	56,920	176,460	156,900	130,240	88,720	58,420	97,620	3.45
Florida.....	72,320	152,180	109,780	82,500	49,160	29,980	37,400	2.68
<b>East South Central.....</b>	<b>190,540</b>	<b>606,680</b>	<b>542,620</b>	<b>441,420</b>	<b>303,960</b>	<b>208,800</b>	<b>335,660</b>	<b>3.45</b>
Kentucky.....	49,400	161,300	144,800	115,400	81,280	54,780	86,140	3.44
Tennessee.....	49,460	169,520	150,980	120,920	84,520	55,720	83,300	3.42
Alabama.....	47,120	146,500	136,480	118,460	77,760	58,060	93,320	3.57
Mississippi.....	44,560	120,360	110,360	96,620	60,820	40,240	72,140	3.39
<b>West South Central.....</b>	<b>301,620</b>	<b>843,440</b>	<b>750,560</b>	<b>595,000</b>	<b>371,320</b>	<b>227,660</b>	<b>325,620</b>	<b>3.24</b>
Arkansas.....	38,260	119,920	106,320	85,800	56,860	36,620	54,020	3.35
Louisiana.....	56,100	138,560	125,040	99,000	65,300	42,420	67,500	3.33
Oklahoma.....	55,780	152,260	134,540	106,600	70,720	42,920	53,480	3.21
Texas.....	151,460	432,740	384,660	294,600	178,440	103,700	150,620	3.19
<b>Mountain.....</b>	<b>163,280</b>	<b>273,760</b>	<b>231,020</b>	<b>195,200</b>	<b>116,460</b>	<b>68,860</b>	<b>90,720</b>	<b>3.10</b>
Montana.....	29,240	39,460	31,920	26,520	15,280	7,900	9,340	2.85
Idaho.....	17,960	33,660	30,420	26,140	15,880	9,420	11,640	3.19
Wyoming.....	10,860	17,240	14,740	12,740	6,040	3,640	3,960	2.94
Colorado.....	43,240	87,440	68,740	54,060	29,880	16,720	19,620	2.92
New Mexico.....	13,240	27,260	26,740	21,520	14,600	10,080	16,040	2.44
Arizona.....	16,560	31,300	25,260	20,380	13,900	8,180	13,340	3.12
Utah.....	12,120	28,180	26,760	29,060	18,740	11,220	13,360	3.59
Nevada.....	8,120	9,220	6,440	4,780	2,140	1,400	1,420	2.44
<b>Pacific.....</b>	<b>525,960</b>	<b>835,460</b>	<b>670,180</b>	<b>464,520</b>	<b>229,100</b>	<b>109,840</b>	<b>101,600</b>	<b>2.58</b>
Washington.....	94,900	158,960	118,900	80,300	44,520	21,020	17,800	2.65
Oregon.....	53,840	103,620	75,440	56,080	28,580	13,100	12,420	2.69
California.....	377,220	672,660	475,840	322,140	156,000	75,720	71,380	2.55

<sup>1</sup> For definition of median, see headnote, table 23, p. 24.

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, Families—General Characteristics.

## No. 51.—HOUSEHOLDS, BY CHARACTERISTICS: APRIL 1940 AND 1947

[1940 figures based on Sample D; see p. 1. 1947 based on Current Population Survey, see Sampling Note, p. 175.  
For definition of households, see p. 2.]

CHARACTERISTIC	ALL HOUSEHOLDS		MALE HEAD				FEMALE HEAD	
	Number	Percent	Married, wife present		Other marital status		Number	Percent
			Number	Percent	Number	Percent		
<b>RESIDENCE</b>								
<b>1940</b>								
All households.....	35,087,440	100.0	26,605,800	100.0	3,128,400	100.0	5,353,240	100.0
Urban.....	20,749,200	59.1	15,230,840	57.2	1,716,560	54.9	3,802,000	71.0
Rural-nonfarm.....	7,261,340	20.7	5,570,000	20.9	689,860	22.1	1,001,480	18.7
Rural-farm.....	7,076,900	20.2	5,805,160	21.8	721,980	23.1	549,760	10.3
<b>1947</b>								
All households.....	39,138,000	100.0	30,545,000	100.0	2,711,000	100.0	5,882,000	100.0
Urban.....	23,863,000	61.0	17,921,000	58.7	1,607,000	59.3	4,335,000	73.7
Rural-nonfarm.....	8,594,000	22.0	6,987,000	22.9	542,000	20.0	1,065,000	18.1
Rural-farm.....	6,681,000	17.1	5,637,000	18.5	562,000	20.7	482,000	8.2
<b>COLOR OF HEAD</b>								
<b>1940</b>								
All households.....	35,087,440	100.0	26,605,800	100.0	3,128,400	100.0	5,353,240	100.0
White.....	31,816,320	90.7	24,466,960	92.0	2,735,480	87.4	4,612,880	86.2
Nonwhite.....	3,272,120	9.3	2,138,840	8.0	392,920	12.6	740,360	13.8
<b>1947</b>								
All households.....	39,138,000	100.0	30,545,000	100.0	2,711,000	100.0	5,882,000	100.0
White.....	35,593,000	90.9	28,184,000	92.2	2,356,000	86.9	5,073,000	86.2
Nonwhite.....	3,545,000	9.1	2,361,000	7.8	355,000	13.1	809,000	13.8
<b>AGE OF HEAD</b>								
<b>1940</b>								
All households.....	35,087,440	100.0	26,605,800	100.0	3,128,400	100.0	5,353,240	100.0
Under 25 years.....	1,401,280	4.0	1,133,000	4.3	137,840	4.4	129,840	2.4
25 to 29 years.....	3,155,860	9.0	2,787,220	10.5	169,580	5.4	199,080	3.7
30 to 34 years.....	3,887,380	11.1	3,402,000	12.8	190,500	6.1	293,980	5.5
35 to 44 years.....	8,231,960	23.5	6,830,240	25.7	493,440	15.8	908,280	17.0
45 to 54 years.....	7,839,320	22.4	6,049,040	22.7	647,040	20.7	1,163,240	21.7
55 to 64 years.....	5,725,520	16.3	3,909,380	14.7	656,000	21.0	1,160,140	21.7
65 to 74 years.....	3,540,840	10.1	1,969,060	7.4	553,780	17.7	1,017,100	19.0
75 years and over.....	1,285,280	3.7	523,460	2.0	280,240	9.0	481,560	9.0
<b>1947</b>								
All households.....	39,138,000	100.0	30,545,000	100.0	2,711,000	100.0	5,882,000	100.0
Under 25 years.....	1,577,000	4.0	1,345,000	4.4	70,000	2.6	162,000	2.8
25 to 29 years.....	3,411,000	8.7	3,059,000	10.0	124,000	4.6	228,000	3.9
30 to 34 years.....	4,218,000	10.8	3,765,000	12.3	144,000	5.3	307,000	5.2
35 to 44 years.....	9,085,000	23.2	7,843,000	25.7	369,000	13.6	873,000	14.8
45 to 54 years.....	8,323,000	21.3	6,559,000	21.5	515,000	19.0	1,249,000	21.2
55 to 64 years.....	6,848,000	17.5	4,887,000	16.0	615,000	22.7	1,346,000	22.9
65 to 74 years.....	4,016,000	10.3	2,381,000	7.8	516,000	19.0	1,119,000	19.0
75 years and over.....	1,602,000	4.2	706,000	2.3	368,000	13.2	698,000	10.2
<b>VETERAN STATUS OF HEAD</b>								
<b>1947</b>								
All households.....	39,138,000	100.0	30,545,000	100.0	2,711,000	100.0	5,882,000	100.0
Male veteran of World War II.....	8,023,000	20.5	5,568,000	18.5	387,000	13.2	882,000	15.0
All other.....	31,115,000	79.5	24,977,000	81.5	2,324,000	86.8	5,000,000	85.0
<b>RELATED CHILDREN UNDER 18 YEARS OLD</b>								
<b>1940</b>								
All households.....	35,087,440	100.0	26,605,800	100.0	3,128,400	100.0	5,353,240	100.0
No related children under 18.....	17,164,080	48.9	10,883,960	40.9	2,548,440	81.5	3,732,280	69.7
1 related child under 18.....	7,467,980	21.3	6,407,400	24.1	275,680	8.8	784,700	14.7
2 related children under 18.....	5,082,520	14.5	4,503,100	16.9	164,680	4.9	424,760	7.9
3 or more related children under 18.....	5,372,260	15.3	4,811,340	18.1	149,440	4.8	411,500	7.7
<b>1947</b>								
All households.....	39,138,000	100.0	30,545,000	100.0	2,711,000	100.0	5,882,000	100.0
No related children under 18.....	19,471,000	49.7	12,925,000	42.3	2,285,000	84.3	4,261,000	72.4
1 related child under 18.....	8,187,000	20.9	7,182,000	23.5	209,000	7.7	790,000	13.4
2 related children under 18.....	6,024,000	15.4	5,474,000	17.9	120,000	4.4	430,000	7.3
3 or more related children under 18.....	5,456,000	13.9	4,864,000	16.3	97,000	3.6	391,000	6.7

Source: Department of Commerce, Bureau of the Census, Current Population Reports, Series P-20, No. 10.

**No. 52.—HOUSEHOLDS, BY NUMBER OF RELATED CHILDREN UNDER 10 YEARS OLD AND UNDER 18 YEARS OLD, BY STATES: 1940**

[Statistics based on Sample D; see p. 1. For definition of households, see p. 2]

DIVISION AND STATE	All households	HOUSEHOLDS WITH SPECIFIED NUMBER OF RELATED CHILDREN UNDER 10 YEARS OLD				HOUSEHOLDS WITH SPECIFIED NUMBER OF RELATED CHILDREN UNDER 18 YEARS OLD			
		None	1	2	3 or more	None	1	2	3 or more
<b>United States</b> .....	<b>55,887,440</b>	<b>22,128,800</b>	<b>6,361,620</b>	<b>3,351,900</b>	<b>2,245,120</b>	<b>17,164,580</b>	<b>7,467,960</b>	<b>5,062,520</b>	<b>3,372,280</b>
<b>N. England</b> .....	<b>2,224,900</b>	<b>1,526,680</b>	<b>386,460</b>	<b>196,380</b>	<b>113,380</b>	<b>1,144,220</b>	<b>453,520</b>	<b>315,560</b>	<b>311,600</b>
Maine.....	222,180	145,100	38,620	22,360	16,100	111,080	43,980	29,540	37,580
N. Hampshire.....	135,960	94,400	22,500	11,620	7,440	73,060	26,480	17,300	19,060
Vermont.....	91,900	60,820	15,340	8,420	7,320	46,980	18,160	11,200	15,580
Massachusetts.....	1,128,780	781,040	192,620	99,520	55,580	584,140	226,720	161,000	156,900
Rhode Island.....	189,180	131,160	32,800	16,800	8,420	97,460	38,540	28,000	25,180
Connecticut.....	456,920	314,160	84,680	39,660	18,520	231,520	99,640	68,460	57,300
<b>Mid. Atlantic</b> .....	<b>7,318,500</b>	<b>5,047,060</b>	<b>1,332,180</b>	<b>625,540</b>	<b>312,720</b>	<b>3,717,180</b>	<b>1,619,300</b>	<b>1,079,180</b>	<b>902,920</b>
New York.....	3,689,260	2,608,960	655,680	298,340	128,280	1,966,360	807,960	538,640	386,380
New Jersey.....	1,111,460	778,820	206,140	89,600	39,840	564,320	256,180	164,320	126,580
Pennsylvania.....	2,517,840	1,662,280	470,360	239,600	145,600	1,196,420	555,140	376,320	389,960
<b>E. N. Central</b> .....	<b>7,318,900</b>	<b>4,966,320</b>	<b>1,314,120</b>	<b>664,600</b>	<b>373,960</b>	<b>3,724,720</b>	<b>1,578,860</b>	<b>1,051,760</b>	<b>963,560</b>
Ohio.....	1,906,620	1,308,620	339,220	165,180	93,600	976,120	417,000	269,480	243,820
Indiana.....	961,540	654,700	165,640	86,500	54,700	500,060	194,180	132,620	134,680
Illinois.....	2,216,840	1,546,020	393,800	196,000	91,020	1,173,240	485,700	314,060	243,840
Michigan.....	1,407,700	917,820	261,080	144,300	84,500	676,040	305,160	212,620	213,880
Wisconsin.....	826,200	539,180	154,280	82,520	50,140	399,260	176,820	122,780	127,340
<b>W. N. Central</b> .....	<b>3,706,680</b>	<b>2,490,560</b>	<b>637,760</b>	<b>348,600</b>	<b>229,540</b>	<b>1,889,140</b>	<b>748,240</b>	<b>515,340</b>	<b>553,940</b>
Minnesota.....	735,380	481,520	129,780	74,280	40,820	360,620	148,800	108,780	117,200
Iowa.....	705,280	474,800	121,940	68,360	40,180	361,240	143,700	99,800	100,540
Missouri.....	1,071,980	745,320	177,800	89,400	59,460	577,620	218,360	133,700	142,800
N. Dakota.....	156,080	90,680	29,220	18,700	16,480	64,560	30,320	24,640	35,560
S. Dakota.....	163,900	104,140	29,740	17,100	12,920	76,020	33,600	23,680	30,700
Nebraska.....	360,380	242,020	63,000	34,100	21,260	180,080	72,960	53,180	54,140
Kansas.....	514,680	352,380	86,300	46,560	29,420	269,000	102,480	69,680	73,500
<b>South Atlantic</b> .....	<b>4,316,660</b>	<b>2,566,880</b>	<b>637,320</b>	<b>474,700</b>	<b>438,760</b>	<b>1,814,880</b>	<b>921,200</b>	<b>666,020</b>	<b>924,560</b>
Delaware.....	72,560	49,320	13,600	5,940	3,800	37,740	15,980	9,600	9,180
Maryland.....	472,340	312,380	86,820	43,760	29,380	232,800	101,080	68,660	69,800
Dist. of Col.....	170,820	127,060	26,200	11,000	6,560	101,720	34,280	19,280	15,540
Virginia.....	632,040	378,900	118,820	68,600	66,020	267,640	135,180	91,420	137,800
W. Virginia.....	440,700	249,040	87,500	52,520	51,640	169,980	92,180	70,240	108,300
N. Carolina.....	793,760	418,940	169,180	101,420	104,220	270,280	174,840	133,500	215,140
S. Carolina.....	437,860	230,120	93,040	54,340	60,360	151,400	97,480	70,020	118,960
Georgia.....	765,160	440,760	151,180	88,600	84,720	309,460	162,720	120,360	172,720
Florida.....	531,420	359,660	91,080	48,620	32,060	273,860	107,460	72,980	77,120
<b>E. S. Central</b> .....	<b>2,628,600</b>	<b>1,512,320</b>	<b>513,720</b>	<b>311,620</b>	<b>290,940</b>	<b>1,067,400</b>	<b>557,360</b>	<b>401,700</b>	<b>602,140</b>
Kentucky.....	692,380	406,100	131,260	80,040	74,980	291,220	144,240	101,700	155,220
Tennessee.....	714,240	422,920	140,200	83,040	68,080	300,700	154,340	109,000	150,200
Alabama.....	677,360	372,000	136,960	85,940	82,460	255,040	145,300	110,180	166,840
Mississippi.....	544,620	311,300	105,300	62,600	65,420	220,440	113,480	80,820	129,880
<b>W. S. Central</b> .....	<b>3,404,160</b>	<b>2,065,520</b>	<b>667,160</b>	<b>378,800</b>	<b>292,380</b>	<b>1,474,860</b>	<b>763,200</b>	<b>518,340</b>	<b>647,860</b>
Arkansas.....	497,960	296,820	100,300	60,340	50,500	202,300	108,980	77,400	109,280
Louisiana.....	563,720	353,260	114,040	65,700	58,660	251,340	133,680	87,180	121,520
Oklahoma.....	615,080	373,040	120,840	69,160	52,040	265,680	136,500	94,440	118,460
Texas.....	1,697,400	1,050,700	331,980	183,540	131,180	755,540	384,040	259,220	298,600
<b>Mountain</b> .....	<b>1,129,580</b>	<b>700,540</b>	<b>209,400</b>	<b>129,320</b>	<b>90,320</b>	<b>526,940</b>	<b>228,060</b>	<b>174,720</b>	<b>199,860</b>
Montana.....	159,720	108,260	25,700	15,700	10,060	85,440	28,660	22,780	22,940
Idaho.....	145,340	89,060	26,960	17,860	11,460	64,920	29,340	23,980	27,100
Wyoming.....	69,160	44,660	12,520	7,660	4,320	33,600	14,540	11,100	9,920
Colorado.....	320,040	211,540	57,900	31,140	20,060	162,640	66,420	45,780	45,260
New Mexico.....	131,540	89,400	27,400	17,060	17,680	49,220	28,060	20,680	33,560
Arizona.....	130,980	77,720	24,660	15,900	12,700	58,120	26,220	19,900	26,680
Utah.....	139,260	75,800	29,680	21,200	12,580	62,940	28,720	26,560	31,040
Nevada.....	33,540	24,100	5,180	2,800	1,460	20,120	8,080	3,880	3,460
<b>Pacific</b> .....	<b>3,039,480</b>	<b>2,263,320</b>	<b>463,500</b>	<b>220,540</b>	<b>102,120</b>	<b>1,806,420</b>	<b>596,220</b>	<b>370,600</b>	<b>266,840</b>
Washington.....	542,640	396,380	82,780	43,880	19,600	315,760	106,100	70,620	51,160
Oregon.....	343,600	248,820	63,940	28,600	12,240	196,220	67,840	46,480	33,560
California.....	2,153,240	1,608,120	326,780	148,060	70,280	1,293,440	425,780	252,900	181,120

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, Families—General Characteristics.

# **No. 53.—NUMBER OF CHILDREN EVER BORN PER 1,000 WOMEN 15 TO 74 YEARS OLD, BY AGE AND COLOR OF WOMAN, URBAN AND RURAL: 1940**

(Statistics based on Sample C; see p. 1. Rate per 1,000 women based on total women, except women ever married (married, widowed, or divorced) not reporting on children; rate per 1,000 women ever married based on women ever married reporting on children)

AREA, COLOR, AND AGE OF WOMAN	Total women	WOMEN EVER MARRIED			CHILDREN EVER BORN			
		Total	Number reporting on children		Number of children	Per 1,000 women	Per 1,000 women ever married	Per 1,000 mothers
			Total	Mothers				
UNITED STATES								
All classes, 15 to 74 years.....	47,886,800	35,108,488	30,648,780	24,424,530	77,584,862	1,796	2,531	2,176
15 to 19 years.....	6,149,040	734,830	574,280	292,160	367,780	61	640	1,389
20 to 24 years.....	5,885,060	3,115,580	2,627,980	1,665,780	2,724,440	505	1,087	1,636
25 to 29 years.....	5,608,720	4,342,140	3,771,240	2,728,160	5,684,032	1,128	1,807	2,065
30 to 34 years.....	5,144,100	4,395,080	3,871,460	3,041,000	7,751,958	1,678	2,002	2,549
35 to 44 years.....	9,096,120	8,151,240	7,204,080	5,970,040	18,906,804	2,320	2,624	3,167
45 to 54 years.....	7,473,720	6,825,830	6,021,880	5,102,140	18,806,900	2,820	3,123	3,686
55 to 74 years.....	8,309,080	7,544,000	6,577,260	5,627,540	23,342,888	3,179	3,549	4,148
White, 15 to 74 years.....	43,023,060	31,582,560	27,568,360	22,300,820	69,383,238	1,774	2,505	2,125
15 to 19 years.....	5,455,900	604,160	471,200	231,740	286,120	54	607	1,235
20 to 24 years.....	5,223,220	2,698,080	2,261,420	1,440,120	2,270,340	472	995	1,576
25 to 29 years.....	4,985,440	3,838,500	3,343,200	2,432,660	4,855,916	1,461	1,865	2,006
30 to 34 years.....	4,612,540	3,928,520	3,470,700	2,754,640	5,815,398	1,640	1,964	2,474
35 to 44 years.....	8,143,920	7,269,620	6,449,780	5,403,880	18,688,128	2,279	2,587	3,088
45 to 54 years.....	6,864,360	6,237,520	5,517,500	4,697,820	17,025,804	2,775	3,086	3,624
55 to 74 years.....	7,747,780	7,008,180	6,126,660	5,240,180	21,411,632	3,118	3,495	4,086
Nonwhite, 15 to 74 years.....	4,643,740	3,525,920	2,985,420	2,224,000	8,201,624	1,997	2,744	3,668
15 to 19 years.....	694,140	130,480	105,080	60,420	81,660	122	792	1,363
20 to 24 years.....	661,840	417,520	346,560	225,660	454,100	769	1,310	2,019
25 to 29 years.....	623,280	505,640	428,040	293,600	798,116	1,463	1,865	2,719
30 to 34 years.....	531,620	466,560	400,760	286,360	666,360	2,011	2,337	3,271
35 to 44 years.....	952,200	881,620	754,900	566,180	2,218,676	2,688	3,086	3,919
45 to 54 years.....	619,360	588,300	504,380	404,520	1,781,096	3,326	3,531	4,403
55 to 74 years.....	551,300	535,820	450,700	387,360	1,931,256	4,056	4,385	4,996
URBAN								
Total, 15 to 74 years.....	29,187,040	21,037,480	18,445,440	14,695,760	46,116,908	1,511	2,174	2,844
15 to 19 years.....	3,326,760	307,420	260,420	114,220	141,700	43	566	1,241
20 to 24 years.....	3,580,000	1,696,040	1,449,040	810,680	1,226,720	368	847	1,513
25 to 29 years.....	3,498,400	2,575,900	2,249,040	1,494,560	2,743,184	805	1,220	1,836
30 to 34 years.....	3,231,960	2,883,500	2,388,600	1,769,280	3,907,020	1,339	1,680	2,221
35 to 44 years.....	5,751,500	5,049,860	4,471,080	3,668,900	9,787,856	1,692	2,189	2,743
45 to 54 years.....	4,688,800	4,212,360	3,724,060	3,067,840	10,006,316	2,383	2,687	3,263
55 to 74 years.....	5,089,620	4,512,400	3,935,600	3,280,300	12,296,112	2,743	3,124	3,745
RURAL-NONFARM								
Total, 15 to 74 years.....	9,262,760	7,114,508	6,215,160	5,088,120	16,555,868	1,863	2,668	3,261
15 to 19 years.....	1,244,180	193,240	154,640	83,120	105,080	87	680	1,364
20 to 24 years.....	1,183,180	743,620	627,760	435,760	730,980	685	1,165	1,677
25 to 29 years.....	1,145,160	960,920	836,640	649,780	1,448,488	1,419	1,731	2,220
30 to 34 years.....	1,042,500	933,440	827,020	680,920	1,856,756	1,964	2,245	2,727
35 to 44 years.....	1,694,100	1,557,760	1,380,700	1,177,420	3,942,140	2,599	2,855	3,348
45 to 54 years.....	1,314,240	1,215,560	1,072,000	920,800	3,565,056	3,045	3,326	3,679
55 to 74 years.....	1,639,400	1,510,260	1,317,460	1,138,820	4,937,368	3,413	3,748	4,597
RURAL-FARM								
Total, 15 to 74 years.....	9,267,000	6,954,300	5,984,180	5,242,920	20,888,928	2,518	3,491	3,984
15 to 19 years.....	1,579,000	233,960	169,220	94,820	121,000	80	715	1,276
20 to 24 years.....	1,121,880	675,920	551,240	419,340	766,740	769	1,391	1,828
25 to 29 years.....	965,160	805,320	685,560	581,820	1,492,360	1,765	2,177	2,565
30 to 34 years.....	869,700	778,140	675,840	600,800	1,988,182	2,591	2,942	3,309
35 to 44 years.....	1,650,520	1,543,620	1,352,900	1,223,720	5,176,808	3,546	3,826	4,236
45 to 54 years.....	1,470,680	1,397,900	1,225,220	1,113,500	5,233,528	4,032	4,372	4,706
55 to 74 years.....	1,610,060	1,521,340	1,324,200	1,208,920	6,109,408	4,324	4,614	5,064

Source. Department of Commerce, Bureau of the Census: special report of Sixteenth Census, Differential Fertility, 1940 and 1910—Fertility for States and Large Cities; and records of revised figures.

**No. 54.—NUMBER OF CHILDREN EVER BORN PER 1,000 NATIVE WHITE WOMEN OF COMPLETED FERTILITY (45 TO 54 YEARS OLD) EVER MARRIED AND REPORTING ON CHILDREN, BY SELECTED SOCIAL AND ECONOMIC CHARACTERISTICS: 1940**

[Statistics based on Sample C; see p. 1]

ITEM	WOMEN EVER MARRIED, REPORTING ON CHILDREN EVER BORN			CHILDREN EVER BORN		
	Total women	Percent child- less <sup>1</sup>	Mothers	Number	Per 1,000 women	Per 1,000 mothers
<b>United States</b>	4,414,560	15.9	3,713,740	13,097,576	2,967	3,527
<b>RESIDENCE</b>						
Urban	2,530,020	19.1	2,046,040	6,147,498	2,430	3,005
Cities of 250,000 inhabitants or more	910,300	22.6	704,480	1,969,346	2,163	2,796
Places of 25,000 to 250,000	964,920	18.3	788,800	2,390,422	2,477	3,030
Places of 2,500 to 25,000	654,800	15.6	552,760	1,787,730	2,730	3,234
Rural-nonfarm	983,480	14.3	757,200	2,816,200	3,186	3,719
Rural-farm	1,001,060	9.0	910,500	4,133,678	4,130	4,540
<b>YEARS OF SCHOOL COMPLETED</b>						
No school years completed	53,590	8.6	48,960	258,191	4,819	5,274
Grade school, 1 to 4 years	282,120	9.4	255,500	1,296,312	4,559	5,034
5 and 6 years	495,920	10.9	441,640	1,970,009	3,972	4,461
7 and 8 years	1,787,820	14.7	1,525,800	5,471,144	3,000	3,586
High school, 1 to 3 years	726,060	17.4	599,000	1,903,828	2,622	3,175
4 years	636,400	21.2	501,600	1,304,549	2,050	2,601
College 1 to 3 years	269,540	20.2	215,060	563,273	2,060	2,619
4 years or more	135,000	24.5	101,880	248,721	1,842	2,441
School years not reported	26,100	14.9	23,000	91,549	3,268	3,831
<b>MONTHLY RENTAL VALUE OF HOME</b>						
Less than \$5.	316,180	7.5	292,420	1,504,501	4,739	5,145
\$5 to \$9	481,020	9.4	435,880	2,007,913	4,174	4,607
\$10 to \$14	488,440	11.7	431,300	1,771,531	3,627	4,107
\$15 to \$19	429,680	13.7	370,700	1,363,400	3,178	3,683
\$20 to \$29	782,860	15.5	661,700	2,202,764	2,814	3,329
\$30 to \$39	607,220	18.7	493,580	1,471,398	2,423	2,960
\$40 to \$49	375,740	19.6	302,120	838,117	2,231	2,774
\$50 to \$74	458,320	20.8	363,080	936,254	2,043	2,579
\$75 to \$99	133,360	21.9	104,100	262,012	1,965	2,517
\$100 and over	150,180	20.2	119,800	302,083	2,011	2,522
Rental not reported	191,580	27.5	138,960	435,503	2,273	3,134
<b>MARITAL STATUS</b>						
Married, husband present	3,571,080	15.5	3,018,280	10,799,126	3,023	3,578
Married once	3,114,820	15.2	2,642,080	9,548,725	3,056	3,614
Married more than once	432,100	18.2	353,360	1,166,670	2,700	3,301
Married unknown times	25,260	9.7	22,820	83,731	3,315	3,669
Married, husband absent	151,700	18.2	124,020	417,847	2,754	3,360
Widowed and divorced	690,880	17.3	571,440	1,880,603	2,722	3,291
<b>AGE AT MARRIAGE</b>						
(For women married once, husband present)						
Less than 18 years	251,440	3.8	241,980	1,317,932	5,242	5,446
18 and 19 years	553,300	6.2	519,260	2,252,082	4,070	4,337
20 and 21 years	681,800	10.4	610,800	2,225,595	3,264	3,644
22 to 24 years	715,620	13.6	618,800	1,998,689	2,793	3,231
25 and 26 years	326,820	19.6	262,780	742,284	2,271	2,825
27 to 29 years	228,360	24.2	173,140	447,739	1,961	2,596
30 to 34 years	162,600	35.2	105,380	229,923	1,414	2,182
35 to 39 years	55,360	59.8	22,240	38,036	687	1,710
40 years or more	38,260	88.1	4,540	9,761	255	2,180
Age at marriage not reported	101,060	17.5	83,380	286,704	2,837	3,430

<sup>1</sup> For number of childless women, deduct number of "mothers" from number of "total women."

• Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, Differential Fertility, 1940 and 1910—Women by Number of Children Ever Born.

**No. 55.—WOMEN 15 TO 49 YEARS OLD, BY AGE AND COLOR OF WOMAN, AND  
NUMBER OF CHILDREN UNDER 5 YEARS OLD, URBAN AND RURAL: 1940**

[Statistics based on Sample C see p. 1]

AREA, COLOR, AND AGE OF WOMAN	Total women	WOMEN WITH SPECIFIED NUMBER OF CHILDREN UNDER 5 YEARS OLD				NUMBER OF CHILDREN	
		None	1	2	3 or more	Total	Per 1,000 women
UNITED STATES							
All classes, 15 to 49 years.....	35,885,300	26,440,480	5,242,260	1,818,580	383,960	10,070,280	321
15 to 19 years.....	6,149,940	5,844,940	262,480	48,200	4,320	362,120	59
20 to 24 years.....	5,885,960	4,229,320	1,093,500	460,220	102,020	2,328,700	396
25 to 29 years.....	5,608,720	3,454,100	1,439,420	582,040	133,160	3,018,800	538
30 to 34 years.....	5,144,160	3,482,000	1,188,260	396,120	62,180	2,231,340	434
35 to 39 years.....	4,768,260	3,741,160	754,860	224,800	47,740	1,352,380	284
40 to 44 years.....	4,327,880	3,838,780	385,660	90,380	13,040	600,000	140
45 to 49 years.....	4,001,300	3,849,580	133,080	17,120	1,520	17,120	43
White, 15 to 49 years.....	32,072,200	25,349,980	4,847,500	1,574,060	300,660	6,927,560	278
15 to 19 years.....	5,455,800	5,214,240	204,940	34,140	2,480	280,920	51
20 to 24 years.....	5,223,220	3,762,400	992,280	391,040	77,500	2,012,880	385
25 to 29 years.....	4,985,440	3,008,940	1,356,440	514,300	105,760	2,712,820	544
30 to 34 years.....	4,612,540	3,071,160	1,122,240	352,780	66,360	2,034,500	441
35 to 39 years.....	4,235,900	3,305,060	702,240	191,560	37,040	1,200,620	284
40 to 44 years.....	3,908,020	3,467,800	352,500	77,140	10,580	539,620	138
45 to 49 years.....	3,651,280	3,520,380	116,860	13,100	940	146,320	40
Nonwhite, 15 to 49 years.....	3,813,100	3,090,500	394,760	244,520	83,320	1,142,680	300
15 to 19 years.....	894,140	830,700	47,540	14,060	1,840	81,200	117
20 to 24 years.....	661,840	466,920	101,220	69,180	24,520	315,820	477
25 to 29 years.....	623,280	445,180	82,980	67,740	27,400	303,960	488
30 to 34 years.....	531,620	411,440	61,020	43,340	15,820	196,840	370
35 to 39 years.....	532,360	436,100	62,620	32,940	10,700	151,760	285
40 to 44 years.....	419,840	370,980	33,160	13,240	2,460	67,060	160
45 to 49 years.....	350,020	329,200	16,220	4,020	580	26,000	74
URBAN							
Total, 15 to 49 years.....	21,910,900	18,181,580	2,616,920	779,960	141,440	4,799,500	219
15 to 19 years.....	3,326,760	3,210,440	98,560	15,220	1,540	135,840	41
20 to 24 years.....	3,580,000	2,787,500	567,860	168,080	35,660	1,056,620	295
25 to 29 years.....	3,498,400	2,357,040	831,920	259,240	50,200	1,508,300	431
30 to 34 years.....	3,231,960	2,337,860	682,040	180,540	31,520	1,141,600	353
35 to 39 years.....	2,998,620	2,491,360	401,440	88,480	17,340	632,640	211
40 to 44 years.....	2,752,880	2,534,600	181,760	31,880	4,540	260,020	94
45 to 49 years.....	2,522,280	2,462,780	53,340	5,620	540	66,480	26
RURAL-NONFARM							
Total, 15 to 49 years.....	7,010,980	5,252,100	1,204,200	456,900	97,780	2,420,800	345
15 to 19 years.....	1,244,180	1,156,080	72,700	13,500	940	102,660	83
20 to 24 years.....	1,183,180	748,380	278,160	127,640	28,000	622,500	526
25 to 29 years.....	1,145,160	665,160	328,400	150,740	35,180	739,280	646
30 to 34 years.....	1,042,500	605,160	263,540	94,020	19,780	513,040	492
35 to 39 years.....	915,760	694,980	160,740	50,080	9,960	291,960	319
40 to 44 years.....	778,340	678,620	76,620	18,180	2,680	121,200	156
45 to 49 years.....	701,860	674,900	24,040	2,680	240	30,160	43
RURAL-FARM							
Total, 15 to 49 years.....	6,963,420	5,098,800	1,221,140	590,720	144,760	2,849,960	409
15 to 19 years.....	1,579,000	1,477,520	81,220	18,420	1,840	123,620	79
20 to 24 years.....	1,121,880	693,440	247,480	143,600	37,360	649,580	579
25 to 29 years.....	965,160	466,220	279,100	172,060	47,780	771,280	799
30 to 34 years.....	869,700	479,580	237,680	121,560	30,880	576,700	663
35 to 39 years.....	853,880	654,820	192,680	85,940	20,440	427,780	501
40 to 44 years.....	796,640	623,320	127,280	40,320	5,720	173,320	218
45 to 49 years.....	777,160	711,900	55,700	8,620	740	75,680	97

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, Differential Fertility, 1940 and 1910—Fertility for States and Large Cities.



No. 56.—GROSS AND NET REPRODUCTION RATES, BY COLOR, URBAN AND RURAL RESIDENCE, AND REGIONS: 1905 TO 1910, 1930 TO 1935, 1935 TO 1940, AND 1942 TO 1947

[Statistics for 1905 to 1910 based on Sample W, and those for 1930 to 1935 and 1935 to 1940 based on Sample O (see p. 1); statistics for 1942 to 1947 based on Current Population Survey made in April 1947, see Sampling Note, p. 175. Urban-rural classification is in accordance with 1940 definitions; see p. 2. A net reproduction rate of 1,000 means that each generation would just replace itself, if birth and death rates of a specified period were to continue indefinitely, in the absence of net immigration. A rate above 1,000 implies a potentially gaining population, and a rate below 1,000, a potentially declining population. A gross reproduction rate of 1,000 means that if all women born at the beginning of a generation were to live through their reproductive period and continue birth rates existing at the time of their birth, they would barely reproduce themselves, assuming no migration from outside the area. Where gross reproduction rate is less than 1,000, no improvement in mortality alone would prevent a potential decline in population]

COLOR AND AREA	NET REPRODUCTION RATE				GROSS REPRODUCTION RATE			
	1905-10	1930-35	1935-40	1942-47	1905-10	1930-35	1935-40	1942-47
COLOR								
All classes.....	1,336	984	978	1,292	1,793	1,108	1,101	1,402
White.....	1,339	972	957	1,269	1,740	1,080	1,063	1,365
Nonwhite.....	1,329	1,074	1,137	1,459	2,240	1,336	1,413	1,713
AREA								
United States.....	1,336	984	978	1,292	1,793	1,108	1,101	1,402
Urban.....	937	747	726	1,085	1,298	839	815	1,177
Rural-nonfarm.....	1,499	1,150	1,150	1,465	1,956	1,296	1,294	1,586
Rural-farm.....	2,022	1,632	1,661	1,859	2,663	1,844	1,878	2,029
The Northeastern States <sup>1</sup> .....	1,120	828	794	1,123	1,476	919	881	1,203
The North Central States <sup>2</sup> .....	1,308	942	944	1,267	1,626	1,044	1,045	1,356
The South <sup>3</sup> .....	1,614	1,197	1,182	1,447	2,393	1,382	1,363	1,610
The West <sup>4</sup> .....	1,166	892	941	1,332	1,479	1,003	1,057	1,440

- <sup>1</sup> New England and Middle Atlantic.
- <sup>2</sup> East and West North Central.
- <sup>3</sup> South Atlantic and East and West South Central.
- <sup>4</sup> Mountain and Pacific.

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, Differential Fertility, 1940 and 1910—Standardized Fertility Rates and Reproduction Rates; and Current Population Reports, Fertility, April 1947.

No. 57.—ANNUAL GROSS AND NET REPRODUCTION RATES, BY COLOR: 1940 TO 1946

[Statistics based on births reported by National Office of Vital Statistics, adjusted for under registration, and on annual life tables and population estimates by age. For meaning of gross and net reproduction rates, see head note, table 56]

YEAR	NET REPRODUCTION RATE			GROSS REPRODUCTION RATE		
	All classes	White	Nonwhite	All classes	White	Nonwhite
1940.....	1,023	1,000	1,205	1,116	1,079	1,414
1941.....	1,076	1,054	1,252	1,169	1,133	1,468
1942.....	1,190	1,173	1,316	1,282	1,252	1,511
1943.....	1,233	1,214	1,385	1,329	1,297	1,584
1944.....	1,171	1,141	1,385	1,258	1,216	1,577
1945.....	1,144	1,111	1,382	1,224	1,180	1,564
1946.....	1,358.7	1,340.4	1,514.6	1,442.7	1,410.7	1,687.6

Source: 1940-45 Department of Commerce, Bureau of the Census; Population—Special Series P-47, No.2. 1946, Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics: records.

# No. 58.—INSTITUTIONAL POPULATION 14 YEARS OLD AND OVER—SUMMARY FOR THE UNITED STATES: 1940

[Figures cover persons who were reported in the 1940 census as inmates of public or private institutions of specified types. Officials and attendants were excluded, as were patients in general hospitals and tuberculosis sanitariums. Persons in religious institutions and Veterans' Administration facilities were included only if the establishment had a majority of delinquents, mental patients, aged, or incurables]

SUBJECT	NUMBER OF INMATES						
	Total		Prison or reformatory <sup>1</sup>	Local jail or work-house	Mental institution	Home for aged, infirm, or needy	Other and not reported
	Number	Per cent					
Total, 14 years old and over.....	1,176,933	100.0	217,919	99,249	591,345	245,036	23,434
Regions:							
The North.....	744,830	63.8	110,839	42,291	402,470	173,961	15,289
The South.....	305,755	26.0	83,620	41,492	129,852	46,358	4,433
The West.....	126,418	10.7	23,460	15,466	59,043	24,707	3,742
Urban-rural residence:							
Urban.....	488,836	41.5	64,719	68,232	224,700	120,319	10,806
Rural-nonfarm.....	554,275	47.1	123,654	22,812	318,307	79,462	10,040
Rural-farm.....	133,822	11.4	29,546	8,205	48,358	45,245	2,536
Color and nativity:							
White.....	1,008,090	85.6	152,994	66,042	536,629	231,533	20,867
Native.....	826,868	70.2	142,909	59,696	428,912	176,229	18,123
Foreign-born.....	182,222	15.6	10,085	6,346	107,717	55,309	2,765
Nonwhite.....	168,903	14.4	64,925	33,207	54,736	13,493	2,567
Sex:							
Male.....	767,474	65.3	202,098	90,040	317,812	145,597	11,927
Female.....	409,519	34.8	15,821	9,209	273,533	99,439	11,507
Age:							
14 to 17 years.....	90,463	7.7	23,967	7,491	19,382	34,923	4,721
18 and 19 years.....	40,011	3.4	14,187	6,766	12,383	5,041	1,614
20 to 24 years.....	94,862	8.1	38,456	17,753	33,661	2,745	2,247
25 to 34 years.....	194,769	16.6	69,155	28,487	90,842	3,483	3,383
35 to 44 years.....	195,801	16.6	41,880	—	119,183	11,360	2,914
45 to 54 years.....	190,402	16.2	19,841	11,140	129,530	27,149	3,042
55 to 64 years.....	148,719	12.6	7,882	5,111	98,910	34,696	2,120
65 years and over.....	221,065	18.9	2,861	2,017	87,974	125,630	3,498
Marital status							
Single.....	671,232	57.0	128,952	56,168	342,045	128,567	14,710
Married.....	321,471	27.3	70,344	35,011	178,554	81,944	6,618
Widowed.....	138,297	11.6	6,731	3,462	49,310	76,456	2,388
Divorced.....	45,893	—	11,892	4,008	20,556	8,069	768
Citizenship:							
Citizen—Native.....	991,457	84.2	207,178	92,640	481,737	189,366	20,636
Citizen—Naturalized.....	71,350	6.1	3,454	2,318	35,897	28,163	1,516
Alien—First papers.....	5,877	.5	622	518	2,418	1,897	122
Alien—No papers.....	66,217	5.6	6,656	2,776	38,285	18,766	734
Citizenship not reported.....	42,592	3.6	1,009	1,097	33,028	7,034	424
Years of school completed.							
Total, 25 years old and over.....	951,637	100.0	141,309	67,219	526,939	202,318	14,863
No school years completed.....	100,268	10.5	10,633	3,470	68,362	17,066	535
Grade school 1 to 4 years.....	126,909	13.3	27,225	10,464	59,972	27,524	1,724
5 or 6 years.....	108,194	11.4	23,526	8,997	49,223	24,549	1,669
7 or 8 years.....	243,179	25.6	41,970	17,067	126,577	53,142	4,428
High school 1 to 3 years.....	67,545	7.1	21,290	8,485	25,301	11,037	1,483
4 years.....	47,565	5.0	7,882	3,969	24,298	10,051	1,345
College 1 to 3 years.....	16,326	1.7	3,063	1,633	7,683	3,298	649
4 years or more.....	11,763	1.2	1,325	723	4,364	2,781	570
Not reported.....	229,891	24.2	4,525	12,391	158,189	52,871	1,945

<sup>1</sup> Includes training schools for youthful offenders and all penal institutions under Federal or State control.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Special Report on Institutional Population.

## No. 59.—POPULATION—SUMMARY FOR ALASKA: 1920, 1929, AND 1939

SEX, RACE, NATIVITY, AND AGE	1920 (Jan. 1)	1929 (Oct. 1)	1939 (Oct. 1)	SEX, RACE, NATIVITY, AND AGE	1920 (Jan. 1)	1929 (Oct. 1)	1939 (Oct. 1)
<b>Total</b> .....	55,036	59,278	72,524	<b>Japanese—Continued</b>			
Male.....	34,539	35,764	43,008	Native.....	42	73	149
Female.....	20,497	23,514	29,521	Foreign-born.....	270	205	114
Males per 100 females.....	168.5	152.1	145.7	<b>Other races</b> .....	283	377	633
<b>White</b> .....	27,683	28,646	39,170	Male.....	214	294	436
Male.....	20,586	19,904	25,595	Female.....	69	83	196
Female.....	7,297	8,736	13,575	Native.....	227	325	611
Native.....	18,286	18,460	30,384	Foreign-born.....	56	62	22
Foreign-born.....	11,597	10,180	8,786	<b>Under 5 years</b> .....	5,669	6,356	7,611
<b>Aleut</b> .....	2,942	(1)	5,599	Under 1 year.....	1,152	1,539	1,447
Male.....	(1)	(1)	2,968	5 to 9 years.....	5,509	6,078	6,799
Female.....	(1)	(1)	2,631	10 to 14 years.....	4,292	5,066	6,097
Native.....	(1)	(1)	5,597	15 to 19 years.....	3,279	4,735	5,610
Foreign-born.....	(1)	(1)	2	20 to 24 years.....	3,486	4,259	6,272
<b>Eskimo</b> .....	13,696	19,028	15,576	25 to 29 years.....	4,335	4,171	6,774
Male.....	(1)	19,771	9,034	30 to 34 years.....	4,841	3,762	5,887
Female.....	(1)	9,257	7,542	35 to 39 years.....	10,011	8,844	5,165
Native.....	(1)	(1)	15,541	40 to 44 years.....	7,575	7,831	4,039
Foreign-born.....	(1)	(1)	35	45 to 49 years.....			4,047
<b>Indian</b> .....	9,918	10,955	11,283	50 to 54 years.....			3,901
Male.....	(1)	5,588	5,789	55 to 59 years.....	3,922	5,073	3,402
Female.....	(1)	5,367	5,495	60 to 64 years.....			2,568
Native.....	(1)	(1)	11,110	65 to 69 years.....	1,316	2,323	2,033
Foreign-born.....	(1)	(1)	173	70 to 74 years.....			1,132
<b>Japanese</b> .....	212	278	203	75 years and over.....	411	612	936
Male.....	265	207	180	Age unknown.....	297	139	251
Female.....	47	71	83				

## 1939

MALES OF MILITIA AGE (18 TO 44 YEARS)		YEARS OF SCHOOL COMPLETED	
<b>Total</b> .....	17,900	<b>Persons 25 years and over, total<sup>1</sup></b> .....	40,135
White.....	11,813	White.....	27,615
Nonwhite.....	6,087	Aleuts, Eskimos, and Indians.....	11,979
<b>CITIZENSHIP OF FOREIGN-BORN</b>		<b>No years completed<sup>2</sup></b> .....	5,834
<b>Total</b> .....	9,132	White.....	397
Male.....	7,154	Aleuts, Eskimos, and Indians.....	5,379
Female.....	1,978	<b>Elementary school</b> .....	
Naturalized.....	6,446	1 and 2 years <sup>3</sup> .....	1,472
Male.....	5,079	White.....	306
Female.....	1,367	Aleuts, Eskimos, and Indians.....	1,130
First papers.....	1,131	3 and 4 years <sup>4</sup> .....	2,688
Male.....	1,003	White.....	1,099
Female.....	128	Aleuts, Eskimos, and Indians.....	1,722
Alien and unknown.....	1,555	5 and 6 years <sup>5</sup> .....	3,259
Male.....	1,072	White.....	1,718
Female.....	483	Aleuts, Eskimos, and Indians.....	1,454
<b>MARITAL STATUS</b>		7 and 8 years <sup>6</sup> .....	10,226
<b>Males 15 years of age and over</b> .....	32,494	White.....	8,879
Single.....	14,465	Aleuts, Eskimos, and Indians.....	1,217
Married.....	14,625	<b>High school</b> .....	
Widowed.....	1,854	1 to 3 years <sup>7</sup> .....	5,021
Divorced.....	1,188	White.....	4,572
Not reported.....	362	Aleuts, Eskimos, and Indians.....	379
<b>Females 15 years of age and over</b> .....	19,521	4 years <sup>8</sup> .....	5,327
Single.....	3,716	White.....	5,074
Married.....	13,618	Aleuts, Eskimos, and Indians.....	200
Widowed.....	1,720	<b>College:</b> .....	
Divorced.....	440	1 to 3 years <sup>9</sup> .....	2,957
Not reported.....	23	White.....	2,883
<b>SCHOOL ATTENDANCE</b>		Aleuts, Eskimos, and Indians.....	63
<b>Number 5 to 24 years, total</b> .....	24,778	4 years or more <sup>10</sup> .....	2,133
Attending school.....	11,787	White.....	2,066
Percent.....	47.6	Aleuts, Eskimos, and Indians.....	31
		<b>Not reported<sup>11</sup></b> .....	1,027
		White.....	604
		Aleuts, Eskimos, and Indians.....	404

<sup>1</sup> Not reported separately.      <sup>2</sup> Includes data for Aleuts.<sup>3</sup> Includes data for "Other nonwhite, not shown separately."

Source. Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Outlying Territories and Possessions; Sixteenth Census Reports, Population, Second Series Bulletins.

## No. 60.—POPULATION—SUMMARY FOR HAWAII: 1920, 1930, AND 1940

SEX, RACE, AND NATIVITY	1920 (Jan. 1)	1930 (Apr. 1)	1940 (Apr. 1)	AGE, MILITIA AGE, AND CITIZENSHIP	1920 (Jan. 1)	1930 (Apr. 1)	1940 (Apr. 1)
<b>Total</b> .....	255,912	368,338	423,339	<b>AGE</b>			
Male.....	151,146	222,640	245,135	Under 5 years.....	38,550	48,180	42,095
Female.....	104,766	145,696	178,195	Under 1 year.....	8,579	9,573	8,573
Males per 100 females.....	144.3	152.8	137.6	5 to 9 years.....	30,195	47,119	43,431
Hawaiian <sup>1</sup> .....	23,723	22,636	14,375	10 to 14 years.....	22,060	38,042	47,494
Male.....	11,990	11,311	7,413	15 to 19 years.....	20,645	33,490	48,338
Female.....	11,733	11,325	6,962	20 to 24 years.....	24,763	42,787	51,077
Part-Hawaiian.....	18,027	28,224	40,935	25 to 29 years.....	21,495	36,671	42,329
Male.....	9,052	14,042	24,650	30 to 34 years.....	20,685	27,474	33,387
Female.....	8,975	14,182	25,285	35 to 39 years.....	36,473	41,007	28,388
Native.....	18,027	28,224	40,908	40 to 44 years.....			22,111
Foreign-born.....			27	45 to 49 years.....	25,182	29,077	17,487
Caucasian.....	49,140	73,702	103,791	50 to 54 years.....			15,116
Male.....	27,372	45,071	64,473	55 to 64 years.....	10,956	16,768	30,518
Female.....	21,768	28,631	39,318	65 to 74 years.....	3,699	5,871	10,112
Native.....	37,359	64,144	95,840	75 years and over.....	1,096	1,787	2,802
Foreign-born.....	11,781	9,558	7,951	Age unknown.....	113	103	153
Chinese.....	23,507	27,179	28,774	<b>MALES OF MILITIA AGE (18 TO 44 YEARS)</b>			
Male.....	18,197	16,561	16,131	<b>Total</b> .....	68,429	109,836	123,935
Female.....	7,310	10,618	12,643	Hawaiian.....	4,765	4,342	3,125
Native.....	12,342	19,711	23,930	Part-Hawaiian.....	2,628	4,006	8,188
Foreign-born.....	11,165	7,468	4,844	Caucasian.....	12,789	27,722	43,764
Filipino <sup>1</sup> .....	21,031	63,052	62,569	Japanese.....	26,695	21,849	31,368
Male.....	16,851	52,566	40,791	All other races <sup>2</sup> .....	21,552	51,117	87,490
Female.....	4,180	10,486	11,778	<b>CITIZENSHIP OF FOREIGN- BORN</b>			
Japanese.....	100,274	139,631	157,905	<b>Total</b> .....	87,241	68,537	52,613
Male.....	62,644	75,006	82,820	Male.....	55,920	42,018	30,490
Female.....	46,630	64,623	75,085	Female.....	30,321	26,524	22,123
Native.....	48,586	91,185	120,552	Naturalized.....	4,566	5,260	5,553
Foreign-born.....	60,688	48,446	37,353	Male.....	2,659	3,282	3,845
Other <sup>3</sup> .....	11,210	13,912	18,981	Female.....	1,907	1,978	2,008
Male.....	7,040	8,081	8,857	First papers.....	518	828	397
Female.....	4,170	5,831	7,124	Alien and unknown.....	82,157	62,449	46,683
Native.....	7,603	10,647	13,543	Male.....	53,764	38,023	26,645
Foreign-born.....	3,607	3,065	2,438	Female.....	28,393	24,426	19,998

## 1940

MARITAL STATUS		YEARS OF SCHOOL COMPLETED	
Male, 15 years old and over.....	178,643	Persons 25 years old and over, total.....	192,945
Single.....	98,128	No years completed.....	35,643
Married.....	71,716	Elementary school:	
Widowed.....	8,211	1 and 2 years.....	11,495
Divorced.....	2,609	3 and 4 years.....	24,109
Female, 15 years old and over.....	113,657	5 and 6 years.....	25,978
Single.....	36,152	7 and 8 years.....	35,077
Married.....	66,509	High school:	
Widowed.....	8,819	1 to 3 years.....	19,543
Divorced.....	2,117	4 years.....	21,519
<b>SCHOOL ATTENDANCE</b>		College:	
Number 5 to 24 years, total.....	190,340	1 to 3 years.....	7,688
Attending school.....	110,459	4 years or more.....	10,232
Percent attending, total.....	58.0	Not reported.....	608
5 and 6 years.....	51.5	Median school years completed.....	6.9
7 to 13 years.....	98.7	Hawaiian.....	6.2
14 and 15 years.....	93.5	Part-Hawaiian.....	8.0
16 and 17 years.....	67.1	Caucasian.....	10.9
18 to 20 years.....	19.9	Chinese.....	6.5
21 to 24 years.....	3.6	Filipino.....	1.6
		Japanese.....	6.5
		Other races <sup>2</sup> .....	3.9

<sup>1</sup> All Hawaiians and Filipinos were reported as native.<sup>2</sup> Korean, Puerto Rican, Negro, and other races.<sup>3</sup> Chinese, Filipino, Korean, Puerto Rican, Negro, and other races.

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Outlying Territories and Possessions; Sixteenth Census Reports, Population, Second Series Bulletins.

No. 61.—POPULATION—SUMMARY FOR PUERTO RICO: 1920, 1930, AND 1940

CHARACTERISTIC	1920 (Jan. 1)	1930 (Apr. 1)	1940 (Apr. 1)	CHARACTERISTIC	1920 (Jan. 1)	1930 (Apr. 1)	1940 (Apr. 1)
<b>Total</b> .....	1,299,809	1,543,913	1,859,255	<b>MARITAL STATUS—CON.</b>			
Male.....	647,825	771,761	938,290	Female.....	374,294	451,277	556,262
Female.....	651,984	772,152	930,975	Single.....	127,086	152,635	174,954
Males per 100 female.....	99.4	99.0	100.8	Married.....	147,259	177,818	223,735
<b>White</b> .....	948,709	1,148,719	1,430,744	Consensually married.....	52,583	65,760	84,237
Male.....	473,654	574,360	718,398	Widowed.....	45,027	50,936	54,630
Female.....	475,055	574,350	712,346	Divorced.....	2,339	4,138	6,806
Native.....	941,228	1,141,114	1,426,055	<b>SCHOOL ATTENDANCE</b>			
Foreign-born.....	7,481	5,605	4,689	Persons 5-20 years old.....	530,253	651,395	727,437
<b>Nonwhite</b> .....	351,100	397,194	438,511	Attending school.....	206,533	214,328	294,541
Male.....	174,171	197,392	219,882	5-6 years.....	14,755	4,746	9,074
Female.....	176,929	199,802	218,629	7-13 years.....	145,309	164,213	223,244
Native.....	350,414	396,782	438,181	14 years.....	15,478	10,255	21,455
Foreign-born.....	686	412	350	15 years.....	11,048	10,867	15,150
<b>Under 5 years</b> .....	200,255	226,468	280,440	16-17 years.....	11,967	12,012	17,194
Under 1 year.....	43,184	44,033	59,838	18-20 years.....	7,951	6,255	9,424
5 to 9 years.....	195,131	224,022	251,652	<b>PERCENT</b>			
10 to 14 years.....	168,054	199,337	227,097	Persons 5-20 years old.....	39.7	32.9	40.5
15 to 19 years.....	126,248	186,150	206,149	5-6 years.....	18.3	5.3	8.9
20 to 24 years.....	128,531	149,336	206,328	7-13 years.....	57.8	56.0	66.8
25 to 29 years.....	98,053	99,780	148,008	14 years.....	49.8	42.0	48.3
30 to 34 years.....	78,006	94,709	102,596	15 years.....	38.5	28.9	38.4
35 to 39 years.....			101,138	16-17 years.....	28.6	17.4	22.4
40 to 44 years.....	138,539	164,904	86,972	18-20 years.....	9.8	5.1	7.2
45 to 49 years.....			69,002	<b>LITERACY AND ABILITY</b>			
50 to 54 years.....	91,897	103,163	66,991	<b>TO SPEAK ENGLISH</b>			
55 to 59 years.....			34,444	Persons 10 years old			
60 to 64 years.....	45,973	55,418	35,387	and over.....	904,423	1,093,423	1,237,163
65 to 69 years.....			25,328	Able to read and			
70 to 74 years.....	20,118	25,828	18,577	write.....			
75 years and over.....	10,708	18,576	21,201	Total number.....	407,334	541,083	916,037
Age unknown.....	207	222	947	Percent.....	45.0	58.6	68.5
<b>MALES OF MILITIA AGE</b>				Not able to read and			
<b>(18 TO 44 YEARS)</b>				write:			
<b>Total</b> .....	237,523	290,189	364,587	Total number.....	497,089	452,338	421,136
White.....	175,393	216,800	280,900	Percent.....	55.0	41.4	31.5
Nonwhite.....	62,130	73,389	83,687	Able to speak Eng-			
<b>MARITAL STATUS</b>				lish.....			
<b>(15 years and over)</b>				Number.....	89,427	212,231	371,132
Male.....	392,075	442,809	553,704	Percent.....	9.9	19.4	27.8
Single.....	151,610	191,237	234,552				
Married.....	145,204	178,089	217,277				
Consensually married.....							
Widowed.....	48,696	59,594	77,977				
Divorced.....	15,611	17,443	21,128				
	955	1,446	2,770				

1940

EMPLOYMENT STATUS	Total	Male	Female	EMPLOYED, BY MAJOR OCCUPATION GROUP	Total	Male	Female
<b>Population 14 years old and over</b> .....	1,154,475	576,409	578,066	<b>Employed</b> .....	512,214	333,914	128,300
<b>In labor force</b> .....	601,990	457,636	144,354	Professional workers.....	13,679	6,392	7,287
Percent of population 14 years old and over.....	52.1	79.4	25.0	Semiprofessional workers.....	1,634	1,148	476
<b>Employed (except on public emergency work)</b> .....	512,214	333,914	128,300	Farmers and farm mgrs.....	47,761	44,691	3,070
<b>On public emergency work</b> .....	24,100	23,253	847	Proprietors, mgrs., offi- cials, except farm.....	24,380	22,310	2,070
<b>Seeking work</b> .....	65,676	50,463	15,213	Clerical, sales, etc.....	41,530	33,488	8,051
<b>Experienced work- ers</b> .....	46,829	35,926	10,903	Craftsmen, foremen, etc.....	27,550	27,334	216
<b>New workers</b> .....	18,847	14,537	4,310	Operatives, etc.....	91,651	27,898	63,753
<b>Not in labor force</b> .....	552,485	118,779	433,706	Domestic service work- ers.....	39,335	4,042	35,293
				Service workers, exc. domestic.....	18,607	14,135	4,472
				Farm laborers (wage workers) and farm foremen.....	164,414	162,047	2,367
				Farm laborers (unpaid family workers).....	12,890	12,307	583
				Laborers, except farm.....	26,374	25,924	450
				Occupation not reported.....	1,616	1,195	421

1 Except on public emergency work.

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Outlying Territories and Possessions; Sixteenth Census Reports, Population, Second and Third Series Bulletins.

## No. 62.—RELIGIOUS BODIES—NUMBER OF CHURCHES AND MEMBERSHIP

[Compiled from reports submitted by various religious bodies to Yearbook of American Churches, representing latest estimates of the various groups. Definition of membership differs broadly for various bodies]

RELIGIOUS BODY	ALL CHURCHES				Churches of 50,000 or more membership, 1947 <sup>1</sup>
	Year	Number of churches reported	Church membership	Membership 13 years of age and over	
<b>Total</b> .....		<b>253,762</b>	<b>72,492,649</b>	<b>59,717,107</b>	<b>73,673,182</b>
<b>SUMMARY</b>					
Roman Catholic Church.....		14,791	23,419,701	17,330,558	24,402,124
Eastern Orthodox Churches.....		834	686,267	502,730	575,000
Jewish Congregations.....		3,728	4,641,184	3,341,552	4,641,000
"Protestant" bodies over 50,000.....		212,336	41,943,104	36,942,911	43,635,038
Other bodies.....		22,073	1,802,393	1,599,256	420,000
<b>INDIVIDUAL BODIES</b>					
Seventh Day Adventists.....	1944	2,531	194,832	194,832	206,030
Assemblies of God.....	1944	5,055	227,349	227,349	241,792
Baptist bodies.....					
Northern Baptist Convention.....	1944	7,348	1,555,914	1,476,111	1,592,549
Southern Baptist Convention.....	1944	25,955	5,667,926	5,384,530	6,079,305
National Baptist Convention, U. S. A., Inc.....	1944	24,460	4,021,618	3,700,078	4,122,315
National Baptist Convention of America.....	1944	7,286	2,352,339	2,117,091	2,575,621
American Baptist Association.....	1936	1,064	115,022	93,955	115,022
Free Will Baptist.....	1940	1,169	118,871	117,130	221,517
Church of the Brethren.....	1944	1,019	180,287	176,100	183,497
Church of Christ, Scientist.....	1936	2,113	268,915	268,915	268,915
Church of God (Anderson, Ind.).....	1942	1,412	83,875	71,293	95,325
Church of God in Christ.....	1944	2,000	300,000	250,000	300,000
Church of the Nazarene.....	1944	2,966	187,082	187,082	201,487
Churches of Christ.....	1936	3,815	309,551	309,551	309,551
Congregational Christian Churches.....	1943	<sup>2</sup> 5,753	<sup>2</sup> 1,075,401	1,075,401	1,140,824
Disciples of Christ.....	1944	7,917	1,672,354	1,504,116	1,889,066
Eastern Orthodox Churches.....					
Greek Orthodox Church (Hellenic).....	1944	280	250,000	200,000	275,000
Russian Orthodox Church.....	1942	300	300,000	200,000	300,000
Evangelical and Reformed Church.....	1943	2,835	675,958	675,958	665,029
Federated Churches.....	1936	506	88,411	88,093	88,411
Religious Society of Friends.....	1943-44	862	114,069	97,975	113,465
Jewish Congregations.....	1936	3,728	4,641,184	3,341,552	4,641,000
Latter Day Saints.....					
Church of Jesus Christ of Latter Day Saints.....	1944	1,757	870,346	728,665	911,279
Reorganized Church of Jesus Christ of Latter Day Saints.....	1944	563	113,054	102,071	116,868
Lutherans.....					
American Lutheran Conference:					
American Lutheran Church.....	1944	1,834	584,499	413,299	601,839
Evangelical Lutheran Augustana Synod of N. A.....	1943	1,123	373,163	279,530	396,999
Evangelical Lutheran Church (formerly Norwegian).....	1943	2,522	595,034	422,383	661,355
Lutheran Synodical Conference of N. A.					
Evangelical Lutheran Synod of Missouri, Ohio, and other States.....	1944	4,073	1,856,655	948,371	1,422,512
Evangelical Lutheran Joint Synod of Wisconsin and other States.....	1943	914	324,492	191,008	250,097
United Lutheran Church of America.....	1943	3,762	1,090,204	1,213,965	1,748,163
Methodist bodies.....					
African Methodist Episcopal Church.....	1942	7,265	868,735	667,035	868,735
African Methodist Episcopal Zion Church.....	1944	2,252	480,244	382,816	489,244
Colored Methodist Episcopal Church.....	1944	4,400	382,000	321,000	381,000
The Methodist Church.....	1944	41,067	8,046,129	7,400,000	8,430,146
Polish National Catholic Church.....	1944	146	250,000	200,000	250,000
Presbyterian bodies.....					
Presbyterian Church in the U. S.....	1944	3,500	565,853	519,157	566,037
Presbyterian Church in the U. S. A.....	1944	8,402	2,040,399	1,950,399	2,174,530
United Presbyterian Church of North America.....	1944	847	193,637	174,273	196,815
The Protestant Episcopal Church.....	1944	7,894	2,227,524	1,501,777	2,155,514
Reformed bodies.....					
Christian Reformed Church.....	1944	310	128,914	71,631	134,608
Reformed Church in America.....	1944	736	169,390	169,390	176,244
The Roman Catholic Church.....	1944	<sup>3</sup> 14,791	<sup>3</sup> 23,419,701	17,330,558	24,402,124
The Salvation Army.....	1944	1,474	208,329	91,664	205,881
International General Assembly of Spiritualists.....	1945	236	100,000	100,000	100,000
Evangelical United Brethren <sup>4</sup> .....	1944	4,742	689,361	639,373	705,103
Other bodies.....		28,774	2,405,038	2,129,621	630,738

<sup>1</sup> Compiled by the Christian Herald, published June 1947.

<sup>2</sup> Data for 1944 as reported in the Year Book of the Congregational Christian Churches, 1944: Number of churches, 5,875; membership, 1,113,930.

<sup>3</sup> Data for 1945 as reported in the Official Catholic Directory, 1945: Number of churches, 14,302; membership, 23,963,671.

<sup>4</sup> Union of Evangelical Church and United Brethren in Christ (1946).

Source: Yearbook of American Churches; issued biennially under auspices of the Federal Council of the Churches of Christ in America.



## **2. Vital Statistics**

### **(Including health and medical care)**

Vital statistics, including statistics of births, deaths, and marriages and divorces are compiled on a national basis by the National Office of Vital Statistics, U. S. Public Health Service. Prior to the transfer of the vital statistics functions of the Federal Government on July 16, 1946, from the Department of Commerce to the Federal Security Agency, this activity was carried on in the Bureau of the Census.

**Births and deaths.**—The national collection of mortality statistics on an annual basis was begun in 1900. The national death-registration area for 1900 consisted of 10 States, the District of Columbia, and a number of cities in non-registration States. The area gradually expanded in succeeding years until in 1933 it comprised the entire United States.

The national collection of birth statistics was begun in 1915 with 10 States and the District of Columbia. The registration of births in 1940 was estimated to be 92.3 percent complete and to have increased to 94.1 percent by 1944.

In the following tables, births and deaths for 1940 and subsequent years are shown by place of residence <sup>1</sup> of the mother or of the decedent; those for earlier years by place of occurrence of the birth or death. Statistics by place of occurrence for the entire United States do not differ from those tabulated by place of residence. Those for geographic subdivisions differ largely because of the movement of patients or prospective mothers from their homes to areas where hospital facilities are available. See table 64 for a comparison of the numbers of births and deaths tabulated by place of occurrence and by place of residence for States and table 65 for a similar comparison for cities.

Death statistics include only deaths occurring in the continental United States and exclude deaths of military personnel overseas. Stillbirths are excluded from both birth and death statistics.

**Marriage and divorce.**—Collections of statistics on the numbers of marriages and divorces in the United States were made for the years, 1867–1906, 1916, 1922–32, and 1937–46, except that no national collections on statistics of marriage were made in 1941–43. Estimates have been made for the intervening years as well as for years in which returns were not complete. Statistics on marriage have been estimated from partial returns for the years 1867–1906, whereas those for 1922–32 are based on reports for all counties. For the remaining years in which statistics were collected, more than 90 percent of all counties were covered. Returns on divorces were considered practically complete for all collection years prior to 1941.

In addition to statistics on the numbers of marriages and divorces, more extensive and detailed information on both marriage and divorce was collected for 1939–40 from those States having central systems of registration. At the present time, records of marriage are collected centrally in almost three-fourths of the States, and records of divorces, in about one-half of the States.

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<sup>1</sup> For a discussion of methods of residence allocation and of significance of residence figures, see *Vital Statistics of the United States*, 1945, Part II, pp. V–X.

**Birth and death rates.**—Birth and death rates are based upon estimates of the midyear population. For 1940 and subsequent years, use is made of several types of population bases. Thus, birth rates for the United States are based on estimates of the total population including members of the armed forces overseas; those for States on estimates of the civilian population in the States. Death rates for the United States for these years are based on estimates of the population excluding members of the armed forces overseas; those for States on estimates of the total population, both civilian and military in the State.

Because of the unprecedented movement of the population during the war and immediate postwar period, the changes in the birth and death rates for these years need to be interpreted with care.<sup>2</sup> Part of the increase or decrease in the rates may be accounted for by the changes in the age, race, and sex composition of the population in the area. Of particular significance in this connection were the concentration of military forces in certain areas, the movement to overseas duty of a large number of men in the armed forces, and their subsequent return.

In addition to the birth and death statistics, published by the National Office of Vital Statistics, there are reports for the States issued by the individual State bureaus of vital statistics. Ordinarily these publications contain more details relating to the geographic and political subdivisions of the States.

**Morbidity.**—Statistics on morbidity are compiled and published by the U. S. Public Health Service. Each State health officer reports all diseases that are required by law or regulation to be reported in his State. The lists of diseases required to be reported are not the same for each State, although the most common communicable diseases are notifiable in all the States. Tables 88 and 89 show data on these notifiable diseases. Although it is recognized that morbidity reports vary in degree of completeness of reporting of cases, these data indicate a trend by providing a comparison with similar figures for prior time periods.

In addition, data on illnesses are obtained by special surveys. The most comprehensive survey in this field is the National Health Survey made in 1935–36. A number of reports based on this survey have been published by the U. S. Public Health Service and a few by other agencies. Reprint No. 2384 from the Public Health Reports for May 29, 1942, gives a rather complete list of publications based on the National Health Survey.

**Medical care.**—Annual statistics of medical care on a Nation-wide basis are limited to data on hospital facilities obtained from the annual census of hospitals and institutions conducted by the American Medical Association. Such censuses include only hospitals, sanatoriums, and related institutions registered by that organization. Therefore, a relatively large number of institutions are not included in the survey. However, practically all of the large institutions in the country are canvassed with the result that most of the hospital bed facilities are usually included.

An index to one aspect of medical care is also provided by the numbers of births and deaths occurring in hospitals and institutions. These data may be found in the U. S. Public Health Service publications on vital statistics. Another aspect of medical care is provided by statistics on patients in hospitals for mental disease, and in institutions for mental defectives and epileptics. During the period, 1926–1946, the Bureau of the Census collected each year data on the admissions, discharges, and deaths in these institutions, as well as those on the characteristics of the patient population. Beginning with the report for 1947, this activity will be carried on by the Mental Hygiene Division, U. S. Public Health Service, Federal Security Agency.

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<sup>2</sup> For a discussion of the interpretation of crude birth and death rates during wartime, see Summary of Natality and Mortality Statistics, United States, 1943, Vital Statistics—Special Reports, Vol. 21, No. 1, 1945.

No. 63.—BIRTH- AND DEATH-REGISTRATION AREAS—POPULATION AND NUMBER OF STATES INCLUDED: 1900 TO 1933

[Beginning with 1933 both birth- and death-registration areas comprise all States. For midyear estimates of population for 1934 and subsequent years, see table 7, p. 9]

YEAR	BIRTH-REGISTRATION STATES			DEATH-REGISTRATION STATES		
	Population (midyear estimates)	Percent of U. S. total popu- lation	Number of States (incl. D. C.)	Population (midyear estimates)	Percent of U. S. total popu- lation	Number of States (incl. D. C.)
1900.....				19,965,446	26.2	11
1905.....				21,767,980	26.0	11
1910.....				47,470,437	51.4	21
1915.....	31,096,697	30.9	11	61,894,847	61.6	25
1916.....	32,944,013	32.3	12	66,971,177	65.7	27
1917.....	55,197,952	53.5	21	70,234,775	68.0	28
1918.....	55,153,782	53.4	21	79,008,412	76.6	31
1919.....	61,212,076	58.6	23	83,157,982	79.6	34
1920.....	63,597,307	59.7	24	86,079,263	80.9	35
1921.....	70,807,090	65.2	28	87,814,447	80.9	35
1922.....	79,560,746	72.3	31	92,702,901	84.2	38
1923.....	81,072,123	72.4	31	96,788,197	86.5	39
1924.....	87,000,295	76.2	34	99,318,098	87.0	40
1925.....	88,294,564	76.2	34	102,031,555	88.1	41
1926.....	90,400,590	77.0	36	103,822,683	88.4	42
1927.....	104,320,830	87.6	41	107,084,532	90.0	43
1928.....	113,636,160	94.3	45	113,636,160	94.3	45
1929.....	115,317,450	94.7	47	115,317,450	94.7	47
1930.....	116,544,946	94.7	47	117,238,278	95.3	48
1931.....	117,455,229	94.7	47	118,148,987	95.3	48
1932.....	118,903,899	95.2	48	118,903,899	95.2	48
1933.....	125,578,763	100.0	49	125,578,763	100.0	49

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics; annual report, Vital Statistics of the United States.

No. 64.—BIRTHS AND DEATHS, BY PLACE OF OCCURRENCE AND BY PLACE OF RESIDENCE, BY STATES: 1945

[See headnote, table 65]

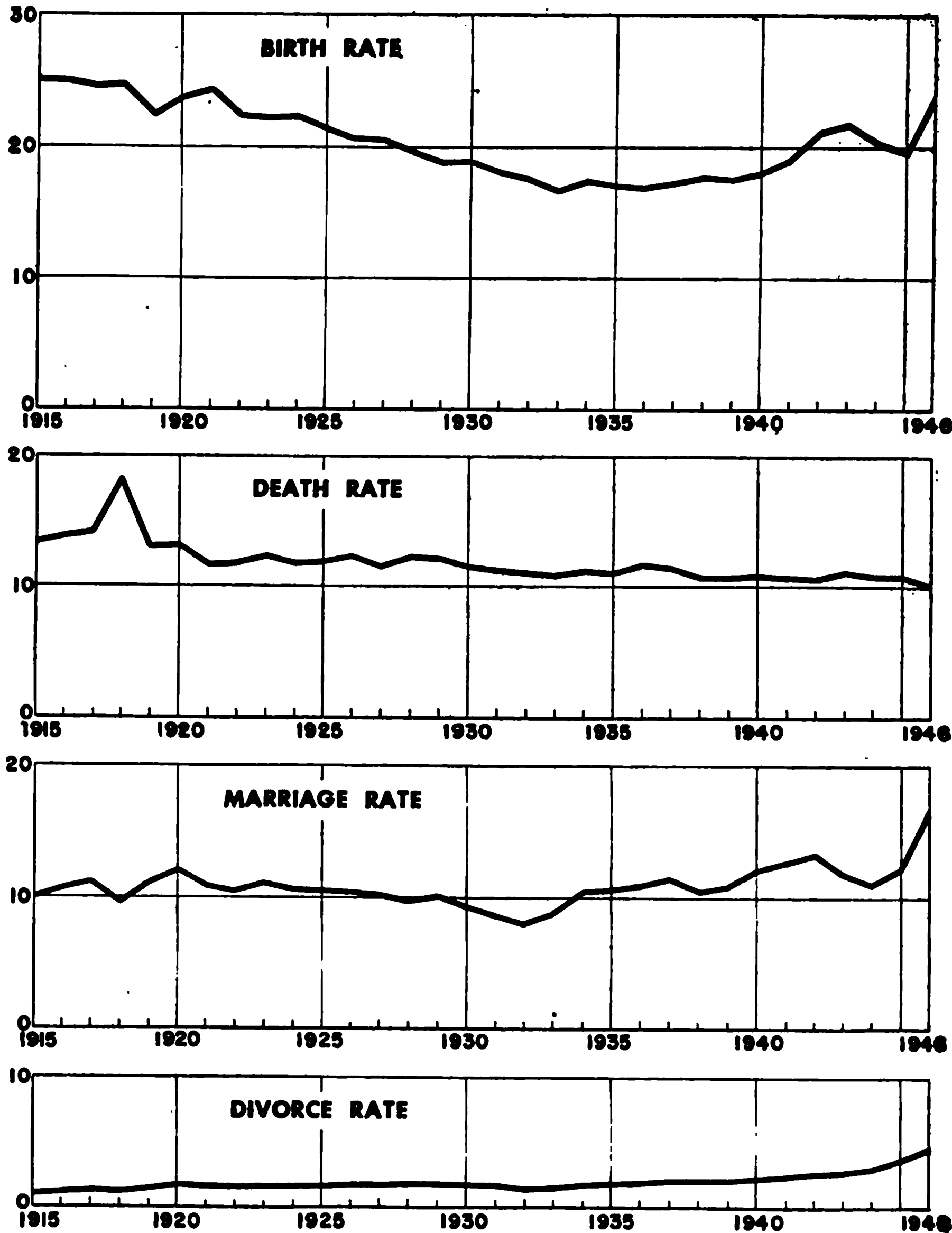
STATE	BIRTHS		DEATHS		STATE	BIRTHS		DEATHS	
	Place of occur- rence	Place of resi- dence	Place of occur- rence	Place of resi- dence		Place of occur- rence	Place of resi- dence	Place of occur- rence	Place of resi- dence
United States.....	2,735,456	2,735,456	1,401,719	1,401,719	Nebraska.....	24,316	24,128	12,446	12,500
Alabama.....	71,289	70,321	25,313	25,513	Nevada.....	3,276	2,851	1,649	1,588
Arizona.....	14,771	13,348	6,711	6,091	N. Hampshire....	8,541	8,338	5,846	5,816
Arkansas.....	39,763	39,628	14,470	14,703	New Jersey.....	74,565	77,338	46,856	47,825
California.....	183,127	184,380	93,157	92,569	New Mexico.....	15,840	15,306	5,721	5,520
Colorado.....	24,153	23,511	12,661	12,389	New York.....	234,707	234,754	154,233	153,654
Connecticut.....	32,971	33,765	18,595	18,833	North Carolina...	88,600	87,401	29,025	28,897
Delaware.....	6,026	5,984	3,305	3,274	North Dakota....	13,272	13,147	5,080	5,109
Dist. of Col....	23,107	16,141	8,965	8,432	Ohio.....	131,812	132,496	78,507	78,835
Florida.....	51,103	47,791	23,676	22,776	Oklahoma.....	42,958	43,165	18,437	18,921
Georgia.....	75,196	74,852	28,596	28,559	Oregon.....	24,314	24,140	13,198	13,022
Idaho.....	11,585	11,501	4,553	4,602	Pennsylvania....	172,986	173,799	108,670	109,193
Illinois.....	135,207	138,705	89,112	90,116	Rhode Island....	13,624	13,635	7,943	7,985
Indiana.....	68,532	68,444	39,325	39,586	South Carolina...	49,083	49,431	16,848	16,904
Iowa.....	45,334	44,934	25,878	25,876	South Dakota....	12,068	12,460	5,358	5,481
Kansas.....	33,006	33,624	18,497	18,507	Tennessee.....	66,844	64,966	28,713	27,946
Kentucky.....	60,302	60,892	27,295	27,590	Texas.....	156,249	157,915	58,604	58,853
Louisiana.....	57,723	57,838	22,354	22,125	Utah.....	16,118	15,680	4,979	4,859
Maine.....	16,495	16,687	9,953	9,985	Vermont.....	6,571	6,873	3,943	4,007
Maryland.....	40,637	42,791	22,924	22,584	Virginia.....	63,884	67,068	28,430	28,641
Massachusetts..	77,200	77,064	51,181	51,133	Washington.....	45,131	44,573	21,884	21,890
Michigan.....	111,967	112,655	53,687	53,966	West Virginia....	38,870	39,039	16,529	16,630
Minnesota.....	54,154	54,656	27,321	26,763	Wisconsin.....	60,813	61,437	31,905	32,066
Mississippi.....	54,217	54,263	19,093	19,355	Wyoming.....	5,347	5,481	2,206	2,234
Missouri.....	67,386	65,659	42,707	42,602					
Montana.....	10,416	10,601	5,380	5,414					

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics; annual report, Vital Statistics of the United States.

FIGURE C.—VITAL STATISTICS RATES: 1915 TO 1946

[See tables 66 and 99]

Rate Per 1,000 Population



Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics.

**No. 65.—BIRTHS AND DEATHS, BY PLACE OF OCCURRENCE AND BY PLACE OF RESIDENCE, FOR EACH CITY HAVING, IN 1940, A POPULATION OF 100,000 OR MORE: 1945**

[Differences between births (or deaths) by place of occurrence and place of residence may be illustrated as follows: Total number of births occurring in Akron (including births to mothers whose usual residence was elsewhere) was 6,866; whereas total number of births to mothers whose usual residence was in Akron (including births occurring elsewhere) was 5,556]

CITY	BIRTHS		DEATHS		CITY	BIRTHS		DEATHS	
	Place of occurrence	Place of residence	Place of occurrence	Place of residence		Place of occurrence	Place of residence	Place of occurrence	Place of residence
Akron.....	6,866	5,556	2,419	2,326	Minneapolis.....	11,906	9,567	5,665	5,031
Albany.....	3,197	2,097	1,974	1,689	Nashville.....	5,178	4,044	2,584	2,270
Atlanta.....	8,205	7,416	4,090	3,913	Newark, N. J.....	11,159	7,949	5,174	4,975
Baltimore.....	22,920	18,115	11,678	10,996	New Bedford.....	1,638	1,822	1,234	1,254
Birmingham.....	7,722	6,058	3,354	3,026	New Haven.....	4,469	2,790	2,274	1,917
Boston.....	17,423	13,790	11,284	9,778	New Orleans.....	14,818	11,758	7,143	5,993
Bridgeport.....	4,341	3,053	1,844	1,717	New York <sup>1</sup> .....	128,573	126,374	79,984	79,408
Buffalo.....	13,751	10,242	7,324	6,612	Norfolk.....	6,234	3,891	2,244	2,197
Cambridge.....	3,355	2,219	1,529	1,489	Oakland.....	11,099	8,169	4,427	4,227
Camden.....	4,388	2,279	1,761	1,432	Oklahoma City....	5,692	4,767	2,531	1,947
Canton.....	3,343	2,253	1,240	1,158	Omaha.....	5,432	4,597	2,912	2,597
Charlotte.....	3,908	2,581	1,269	973	Paterson.....	4,259	2,262	1,803	1,529
Chattanooga.....	3,798	3,182	1,848	1,657	Peoria.....	3,234	1,972	1,453	1,158
Chicago.....	59,406	60,045	38,068	38,897	Philadelphia.....	38,939	35,317	25,196	24,496
Cincinnati.....	11,687	8,492	7,196	6,443	Pittsburgh.....	16,872	12,452	8,801	7,654
Cleveland.....	19,627	16,436	10,231	9,922	Portland.....	9,566	7,839	4,588	4,258
Columbus.....	8,829	6,573	4,777	4,107	Providence.....	8,231	4,457	3,159	2,830
Dallas.....	9,835	7,189	3,780	3,076	Reading.....	1,392	1,527	1,187	1,272
Dayton.....	7,274	6,140	2,808	2,736	Richmond.....	6,284	4,142	3,059	2,569
Denver.....	9,538	7,619	4,846	4,112	Rochester.....	8,001	5,427	4,024	3,748
Des Moines.....	3,920	3,114	2,133	1,792	Sacramento.....	4,334	2,647	1,887	1,621
Detroit.....	36,179	33,336	14,044	14,078	St. Louis.....	20,212	15,247	11,733	10,675
Duluth.....	2,370	1,898	1,192	1,080	St. Paul.....	7,086	5,898	3,374	3,068
Elizabeth.....	3,185	2,052	1,248	1,118	Salt Lake City....	5,662	4,417	1,838	1,471
Erie.....	3,358	2,605	1,426	1,316	San Antonio.....	10,259	10,137	3,956	3,730
Fall River.....	2,849	2,132	1,575	1,490	San Diego.....	8,464	8,434	3,022	2,731
Flint.....	4,747	3,892	1,408	1,306	San Francisco.....	16,151	14,475	10,023	9,362
Fort Wayne.....	3,368	2,526	1,565	1,402	Scranton.....	2,731	1,899	1,779	1,526
Fort Worth.....	6,098	5,136	2,205	2,021	Seattle.....	13,506	11,843	5,735	5,473
Gary.....	3,336	2,675	1,169	1,150	Somerville.....	1,201	1,867	869	1,059
Grand Rapids.....	4,043	3,843	1,824	1,785	South Bend.....	2,679	2,210	1,085	1,041
Hartford.....	6,598	3,326	2,249	1,819	Spokane.....	3,854	3,031	1,949	1,633
Houston.....	12,158	11,322	4,542	4,386	Springfield, Mass..	3,976	2,923	1,968	1,729
Indianapolis.....	8,998	8,886	5,791	5,341	Syracuse.....	5,472	3,473	2,587	2,372
Jacksonville.....	5,277	4,556	2,363	2,245	Tacoma.....	4,421	3,137	1,963	1,761
Jersey City.....	8,112	5,319	3,749	3,373	Tampa.....	3,301	3,002	1,458	1,399
Kansas City, Kans.	2,803	2,731	1,681	1,434	Toledo.....	7,220	5,809	3,961	3,750
Kansas City, Mo..	9,945	7,290	5,534	5,228	Trenton.....	3,912	2,057	1,939	1,589
Knoxville.....	4,019	2,873	1,511	1,242	Tulsa.....	4,846	3,646	1,884	1,470
Long Beach.....	7,188	5,274	2,232	2,427	Utica.....	2,587	1,754	1,603	1,499
Los Angeles.....	29,213	35,387	20,703	20,284	Washington, D. C..	23,107	16,141	8,965	8,432
Louisville.....	9,344	7,852	4,778	4,351	Wichita.....	4,519	3,888	1,539	1,345
Lowell.....	2,046	1,641	1,408	1,286	Wilmington.....	4,278	2,337	1,684	1,451
Memphis.....	8,706	6,455	4,352	3,392	Worcester.....	4,407	3,263	2,774	2,558
Miami.....	3,475	4,147	2,102	1,973	Yonkers.....	2,349	2,270	1,315	1,357
Milwaukee.....	14,029	10,780	5,823	6,446	Youngstown.....	4,275	2,964	1,928	1,789

<sup>1</sup> Represents 5 boroughs.

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics; annual report, Vital Statistics of the United States.

No. 66.—BIRTHS, DEATHS, MATERNAL AND INFANT DEATHS, AND BIRTH AND DEATH RATES, FOR REGISTRATION STATES: 1900 TO 1946

[Total deaths and death rates are for death-registration States; all other data are for birth-registration States. See table 63]

YEAR	Births	DEATHS			RATE			
		All deaths	Maternal	Infant	Per 1,000 popu- lation		Per 1,000 live births	
					Birth	Death	Maternal	Infant
1900.....		343, 217				17. 2		
1905.....		345, 863				15. 9		
1910.....		696, 856				14. 7		
1915.....	776, 304	815, 500	4, 719	77, 572	25. 0	13. 2	6. 1	99. 9
1916.....	818, 983	924, 971	5, 091	82, 734	24. 9	13. 8	6. 2	101. 0
1917.....	1, 353, 792	981, 239	8, 958	126, 950	24. 5	14. 0	6. 6	93. 8
1918.....	1, 363, 649	1, 430, 079	12, 496	137, 647	24. 7	18. 1	9. 2	100. 9
1919.....	1, 373, 438	1, 072, 263	10, 127	119, 000	22. 4	12. 9	7. 4	86. 6
1920.....	1, 508, 874	1, 118, 070	12, 058	129, 531	23. 7	13. 0	8. 0	85. 8
1921.....	1, 714, 261	1, 009, 673	11, 688	129, 588	24. 2	11. 5	6. 8	76. 6
1922.....	1, 774, 911	1, 083, 952	11, 792	135, 228	22. 3	11. 7	6. 6	76. 2
1923.....	1, 792, 646	1, 174, 065	11, 922	138, 259	22. 1	12. 1	6. 7	77. 1
1924.....	1, 930, 614	1, 151, 076	12, 672	136, 730	22. 2	11. 6	6. 6	70. 8
1925.....	1, 878, 880	1, 191, 809	12, 158	134, 652	21. 3	11. 7	6. 5	71. 7
1926.....	1, 856, 068	1, 257, 256	12, 168	136, 118	20. 5	12. 1	6. 6	73. 3
1927.....	2, 137, 836	1, 211, 627	13, 837	138, 017	20. 5	11. 3	6. 5	64. 6
1928.....	2, 233, 149	1, 361, 987	15, 461	153, 492	19. 7	12. 0	6. 9	68. 7
1929.....	2, 169, 920	1, 369, 757	15, 084	146, 661	18. 8	11. 9	7. 0	67. 6
1930.....	2, 203, 958	1, 327, 240	14, 836	142, 413	18. 9	11. 3	6. 7	64. 6
1931.....	2, 112, 760	1, 307, 273	13, 964	130, 134	18. 0	11. 1	6. 6	61. 6
1932.....	2, 074, 042	1, 293, 269	13, 120	119, 431	17. 4	10. 9	6. 3	57. 6
1933.....	2, 081, 232	1, 342, 106	12, 885	120, 887	16. 6	10. 7	6. 2	58. 1
1934.....	2, 167, 636	1, 396, 903	12, 859	130, 185	17. 2	11. 1	5. 9	60. 1
1935.....	2, 155, 105	1, 392, 752	12, 544	120, 138	16. 9	10. 9	5. 8	55. 7
1936.....	2, 144, 790	1, 479, 228	12, 182	122, 535	16. 7	11. 6	5. 7	57. 1
1937.....	2, 203, 337	1, 450, 427	10, 769	119, 931	17. 1	11. 3	4. 9	54. 4
1938.....	2, 286, 962	1, 381, 391	9, 953	116, 702	17. 6	10. 6	4. 4	51. 0
1939.....	2, 265, 588	1, 387, 897	9, 151	108, 846	17. 3	10. 6	4. 0	48. 0
1940.....	2, 360, 399	1, 417, 269	8, 876	110, 984	17. 9	10. 7	3. 8	47. 0
1941.....	2, 513, 427	1, 397, 642	7, 956	113, 949	18. 9	10. 5	3. 2	45. 3
1942.....	2, 808, 996	1, 385, 187	7, 267	113, 492	20. 9	10. 4	2. 6	40. 4
1943.....	2, 934, 860	1, 459, 544	7, 197	118, 484	21. 5	10. 9	2. 5	40. 4
1944.....	2, 794, 800	1, 411, 338	6, 369	111, 127	20. 2	10. 6	2. 3	39. 8
1945.....	2, 735, 456	1, 401, 719	5, 668	104, 684	19. 6	10. 6	2. 1	38. 3
1946.....	3, 288, 672	1, 395, 617	5, 153	111, 063	23. 3	10. 0	1. 6	33. 8

<sup>1</sup> Based on total population including armed forces overseas.  
<sup>2</sup> Based on population excluding armed forces overseas.

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics. Basic figures are published in annual reports as follows: 1900-36, Mortality Statistics; 1915-21, Birth Statistics; 1922-36, Birth, Stillbirth, and Infant Mortality Statistics; 1937-46, Vital Statistics of the United States.

No. 67.—PERCENT COMPLETENESS OF BIRTH REGISTRATION AND NUMBER OF LIVE BIRTHS CORRECTED FOR UNDERREGISTRATION, BY RACE: 1935 TO 1944

YEAR	PERCENT COMPLETENESS OF BIRTH REGISTRATION(ESTIMATED)			TOTAL LIVE BIRTHS (CORRECTED FOR UNDERREGISTRATION)		
	All races	White	Nonwhite	All races	White	Nonwhite
1935.....	90. 5	92. 5	78. 7	2, 382, 101	2, 038, 617	343, 484
1936.....	91. 1	92. 8	80. 2	2, 355, 166	2, 027, 301	327, 865
1937.....	91. 3	93. 1	80. 4	2, 413, 253	2, 071, 340	341, 913
1938.....	91. 6	93. 4	80. 8	2, 496, 389	2, 148, 417	347, 972
1939.....	91. 9	93. 6	81. 1	2, 466, 475	2, 117, 424	349, 051
1940.....	92. 3	94. 0	81. 3	2, 558, 499	2, 198, 802	359, 697
1941.....	92. 8	94. 5	81. 6	2, 709, 890	2, 332, 022	377, 868
1942.....	93. 5	95. 3	81. 9	3, 003, 357	2, 610, 169	393, 188
1943.....	93. 9	95. 6	82. 3	3, 126, 859	2, 713, 446	413, 413
1944.....	94. 1	96. 0	82. 7	2, 969, 186	2, 558, 115	411, 071

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics; Vital Statistics—Special Reports, Vol. 23, No. 10.



No. 68.—BIRTHS BY SEX, EXCESS OF BIRTHS OVER DEATHS, AND RATES PER 1,000 POPULATION, FOR BIRTH-REGISTRATION STATES: 1915 TO 1946

[For coverage of registration areas, see table 63]

YEAR	NUMBER OF BIRTHS			Number of male births per 1,000 female births	Excess of births over deaths	RATE PER 1,000 POPULATION		
	Total	Male	Female			Birth	Death	Excess of births
1915.....	776,304	398,615	377,689	1,055	339,711	25.0	14.0	10.9
1920.....	1,508,874	775,322	733,552	1,057	672,740	23.7	13.1	10.6
1925.....	1,878,880	966,973	911,907	1,060	848,362	21.3	11.7	9.6
1930.....	2,203,958	1,131,976	1,071,982	1,056	882,591	18.9	11.3	7.6
1935.....	2,155,105	1,105,489	1,049,616	1,053	762,353	16.9	10.9	6.0
1936.....	2,144,790	1,099,465	1,045,325	1,052	665,562	16.7	11.6	5.2
1937.....	2,203,337	1,130,641	1,072,696	1,054	752,910	17.1	11.3	5.8
1938.....	2,286,962	1,172,541	1,114,421	1,052	905,571	17.6	10.6	7.0
1939.....	2,265,588	1,162,600	1,102,988	1,054	877,691	17.3	10.6	6.7
1940.....	2,360,399	1,211,684	1,148,715	1,055	943,130	<sup>1</sup> 17.9	<sup>2</sup> 10.7	<sup>1</sup> 7.1
1941.....	2,513,427	1,289,734	1,223,693	1,054	1,115,785	<sup>1</sup> 18.9	<sup>2</sup> 10.5	<sup>1</sup> 8.4
1942.....	2,808,996	1,444,365	1,364,631	1,058	1,423,809	<sup>1</sup> 20.9	<sup>2</sup> 10.4	<sup>1</sup> 10.6
1943.....	2,934,860	1,506,959	1,427,901	1,055	1,475,316	<sup>1</sup> 21.5	<sup>2</sup> 10.9	<sup>1</sup> 10.8
1944.....	2,794,800	1,435,301	1,359,499	1,056	1,383,462	<sup>1</sup> 20.2	<sup>2</sup> 10.6	<sup>1</sup> 10.0
1945.....	2,735,456	1,404,587	1,330,869	1,055	1,333,737	<sup>1</sup> 19.6	<sup>2</sup> 10.6	<sup>1</sup> 9.6
1946.....	3,288,672	1,691,220	1,597,452	1,059	1,893,055	<sup>1</sup> 23.3	<sup>2</sup> 10.0	<sup>1</sup> 13.4

<sup>1</sup> Based on total population including armed forces overseas.  
<sup>2</sup> Based on population excluding armed forces overseas.

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics. Basic figures are published in annual reports as follows: 1915 and 1920, Birth Statistics; 1925-36, Birth, Stillbirth and Infant Mortality Statistics; 1937-46, Vital Statistics of the United States.

No. 69.—BIRTH RATES PER 1,000 FEMALE POPULATION (AGES 10-54), BY AGE OF MOTHER, FOR BIRTH-REGISTRATION STATES: 1918 TO 1945

[For coverage of registration areas, see table 63]

AGE OF MOTHER (years)	1918 <sup>1</sup>	1920 <sup>1</sup>	1925 <sup>1</sup>	1930 <sup>1</sup>	1935	1940	1942	1943	1944	1945
All ages <sup>2</sup> .....	73.4	71.9	64.0	55.9	49.4	51.9	61.0	63.5	60.2	58.6
10 to 14.....	.4	.3	.4	.5	.5	.6	.6	.7	.7	.7
15 to 19.....	43.3	48.5	50.1	49.1	44.7	48.9	56.5	57.6	51.4	48.8
20 to 24.....	153.6	151.8	134.7	124.9	114.7	125.0	153.9	152.9	141.7	130.1
25 to 29.....	154.1	150.5	131.1	117.3	107.0	114.1	136.1	142.2	132.0	128.4
30 to 34.....	118.5	115.5	103.9	87.7	73.5	77.1	86.1	93.5	92.3	94.7
35 to 39.....	79.1	78.4	69.3	56.1	45.4	41.8	44.8	49.8	52.1	54.6
40 to 44.....	31.8	31.1	27.2	21.8	17.6	13.9	13.5	14.5	15.0	15.5
45 to 49.....	3.7	3.8	3.0	2.4	1.9	1.3	1.2	1.2	1.1	1.3
50 to 54.....	.1	.1	.1	.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup> Excludes Maine.  
<sup>2</sup> Includes ages over 54 and those not reported.  
<sup>3</sup> Less than 0.05.

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics; Vital Statistics Rates in the U. S., 1900-1940; basic figures for 1940-45 are published in annual report, Vital Statistics of the U. S.

## No. 70.—BIRTHS AND BIRTH RATES PER 1,000 POPULATION, BY STATES: 1942 TO 1946

[By place of residence]

STATE	NUMBER OF BIRTHS					RATE PER 1,000 POPULATION <sup>1</sup>				
	1942	1943	1944	1945	1946	1942	1943	1944	1945	1946
United States.....	2,806,996	2,934,860	2,794,880	2,735,456	2,288,672	20.9	21.5	20.2	19.6	22.2
Alabama.....	71,136	77,535	74,416	70,321	79,863	24.7	28.2	27.5	26.8	28.8
Arizona.....	12,664	14,297	14,226	13,348	16,345	24.7	25.5	24.8	24.7	26.6
Arkansas.....	42,680	42,680	41,240	39,628	45,280	22.0	23.7	24.2	22.2	24.1
California.....	154,867	174,420	179,123	184,380	218,484	21.3	23.0	22.5	22.0	23.4
Colorado.....	23,566	24,367	23,931	23,511	29,518	21.7	22.9	22.6	23.2	26.8
Connecticut.....	37,264	39,005	34,278	33,765	41,457	21.0	22.3	19.6	19.0	21.2
Delaware.....	5,657	6,229	5,993	5,964	6,802	20.6	23.0	21.9	22.5	23.8
District of Columbia.....	15,179	16,080	15,738	15,141	18,601	18.4	19.5	19.0	19.6	22.8
Florida.....	40,901	45,744	45,418	47,791	52,088	20.7	23.5	24.0	24.1	23.9
Georgia.....	72,491	78,387	76,540	74,852	85,667	23.7	26.4	25.8	26.3	27.7
Idaho.....	11,454	12,391	12,241	11,501	13,787	24.0	26.5	26.3	25.6	29.3
Illinois.....	156,232	155,735	142,005	138,705	174,825	19.7	20.7	18.9	19.0	22.0
Indiana.....	73,706	74,672	71,354	68,444	85,515	21.2	22.4	21.2	19.7	22.8
Iowa.....	48,454	47,617	46,564	44,934	56,186	20.0	20.8	20.8	19.0	22.1
Kansas.....	33,920	36,021	34,976	33,624	39,751	19.7	21.3	21.1	19.6	21.7
Kentucky.....	66,267	66,666	64,225	60,892	72,542	24.3	25.3	25.6	24.0	26.9
Louisiana.....	58,093	62,006	61,050	57,838	68,670	24.0	26.7	26.4	25.3	27.8
Maine.....	17,719	18,944	17,782	16,687	20,326	21.6	23.8	22.9	20.9	23.3
Maryland.....	44,237	47,371	43,915	42,791	50,347	23.1	23.9	22.1	22.5	23.9
Massachusetts.....	82,773	85,917	78,209	77,064	94,288	19.5	20.9	19.3	18.9	20.6
Michigan.....	123,886	125,778	114,700	112,655	139,277	22.6	23.5	21.3	20.3	23.0
Minnesota.....	68,770	58,508	56,113	54,656	67,296	22.1	22.9	22.5	20.9	23.9
Mississippi.....	56,667	59,846	56,940	54,263	61,690	26.8	30.2	28.9	26.7	29.7
Missouri.....	70,711	72,458	67,990	65,639	80,884	19.0	20.1	19.5	18.9	21.4
Montana.....	11,735	11,407	10,943	10,601	12,858	22.8	24.0	23.3	23.7	27.0
Nebraska.....	23,676	25,048	24,575	24,128	28,052	19.1	21.1	21.2	20.3	22.1
Nevada.....	2,762	3,026	3,028	2,851	3,283	21.4	23.7	22.8	24.2	24.6
New Hampshire.....	9,173	9,367	8,548	8,338	11,092	19.3	20.7	19.1	18.1	21.6
New Jersey.....	81,709	83,032	76,265	77,338	95,218	19.4	20.2	18.8	20.3	22.6
New Mexico.....	14,129	15,211	15,585	15,306	18,087	27.3	31.1	32.1	31.3	34.9
New York.....	244,802	248,627	229,534	234,754	296,546	19.0	19.7	18.5	18.7	20.9
North Carolina.....	89,854	94,568	90,629	87,401	100,679	26.0	28.1	27.3	26.2	28.2
North Dakota.....	13,357	13,422	13,530	13,147	15,264	22.8	24.9	25.7	25.5	28.4
Ohio.....	144,327	144,087	133,698	132,496	169,600	20.8	21.1	19.7	19.5	22.6
Oklahoma.....	46,008	48,639	46,725	43,165	50,416	21.3	23.9	24.0	21.3	22.8
Oregon.....	22,518	25,450	24,150	24,140	30,076	20.7	21.9	20.5	18.5	20.5
Pennsylvania.....	197,177	199,366	178,370	173,799	218,376	20.3	21.3	19.5	18.8	21.8
Rhode Island.....	14,182	14,667	13,754	13,635	16,761	19.7	21.1	19.9	20.2	22.8
South Carolina.....	48,835	54,144	51,467	49,431	58,963	25.8	30.1	29.0	27.4	28.7
South Dakota.....	12,424	12,816	12,789	12,460	14,589	21.3	23.4	23.8	24.2	26.7
Tennessee.....	65,147	70,203	65,272	64,966	77,330	22.3	24.9	24.4	23.4	25.9
Texas.....	144,742	164,513	165,900	157,915	181,579	22.5	26.3	26.5	25.3	26.7
Utah.....	15,823	17,161	16,180	15,680	18,220	28.2	29.6	27.7	27.8	29.2
Vermont.....	7,175	7,303	6,824	6,873	8,362	21.1	22.9	22.0	20.9	23.7
Virginia.....	67,950	72,157	69,175	67,068	75,861	24.3	26.2	25.0	25.2	26.3
Washington.....	39,007	44,520	44,528	44,573	51,988	22.0	24.0	23.2	22.0	24.0
West Virginia.....	43,922	43,372	41,304	39,039	46,673	23.9	24.8	24.2	23.1	26.9
Wisconsin.....	63,962	64,480	61,547	61,437	74,755	20.5	21.8	21.0	21.0	23.6
Wyoming.....	5,567	5,822	5,635	5,481	6,188	23.9	25.2	24.1	23.2	23.8

<sup>1</sup> For the United States, based on total population including armed forces overseas; for each State, on civilian population in area. Rates for U. S. based on civilian population are as follows: 1942, 21.5; 1943, 23.0; 1944, 22.1; 1945, 21.5; and 1946, 23.8.

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics. Basic figures are published in annual report, Vital Statistics of the United States.

## No. 71.—BIRTHS BY RACE, FOR URBAN AND RURAL AREAS, BY STATES: 1945

[By place of residence. For total births by States, see table 70]

STATE	TOTAL		URBAN			RURAL		
	White	Non-white	Total	White	Non-white	Total	White	Non-white
United States.....	2,395,563	339,893	1,618,128	1,452,741	165,387	1,117,328	942,822	174,506
Alabama.....	44,091	26,230	23,064	14,492	8,572	47,257	29,599	17,658
Arizona.....	11,549	1,799	7,620	7,155	465	5,728	4,394	1,334
Arkansas.....	29,495	10,133	12,029	9,479	2,550	27,599	20,016	7,583
California.....	173,687	10,693	140,949	132,133	8,816	43,431	41,554	1,877
Colorado.....	22,864	647	14,655	14,156	499	8,856	8,708	148
Connecticut.....	32,832	933	23,041	22,217	824	10,724	10,615	109
Delaware.....	5,067	917	3,021	2,581	440	2,963	2,486	477
Dist. of Columbia.....	10,862	5,279	16,141	10,862	5,279	-----	-----	-----
Florida.....	35,207	12,584	27,657	20,550	7,107	20,134	14,657	5,477
Georgia.....	47,493	27,359	30,541	21,134	9,407	44,311	26,359	17,952
Idaho.....	11,288	213	4,932	4,866	66	6,569	6,422	147
Illinois.....	128,577	10,128	106,201	96,534	9,667	32,504	32,043	461
Indiana.....	65,623	2,821	41,476	38,754	2,722	26,968	26,869	99
Iowa.....	44,584	350	19,865	19,545	320	25,069	25,039	30
Kansas.....	32,383	1,241	18,040	16,923	1,117	15,584	15,460	124
Kentucky.....	57,654	3,238	19,502	17,605	1,897	41,390	40,049	1,341
Louisiana.....	35,240	22,598	26,066	17,592	8,474	31,772	17,648	14,124
Maine.....	16,638	49	6,499	6,471	28	10,188	10,167	21
Maryland.....	34,647	8,144	23,812	18,663	5,149	18,979	15,984	2,995
Massachusetts.....	75,805	1,259	69,103	67,942	1,161	7,961	7,863	98
Michigan.....	105,840	6,815	81,110	74,644	6,466	31,545	31,196	349
Minnesota.....	53,921	735	27,949	27,632	317	26,707	26,289	418
Mississippi.....	24,103	30,160	12,394	7,965	4,429	41,869	16,138	25,731
Missouri.....	60,474	5,185	37,721	33,453	4,268	27,938	27,021	917
Montana.....	9,974	627	5,194	5,135	59	5,407	4,839	568
Nebraska.....	23,585	543	11,106	10,683	423	13,022	12,902	120
Nevada.....	2,640	211	1,395	1,319	76	1,456	1,321	135
New Hampshire.....	8,324	14	4,939	4,925	14	3,399	3,399	-----
New Jersey.....	71,809	5,529	62,651	57,970	4,681	14,687	13,839	848
New Mexico.....	14,041	1,265	6,039	5,886	153	9,267	8,155	1,112
New York.....	221,326	13,428	193,614	180,682	12,932	41,140	40,644	496
North Carolina.....	59,503	27,898	23,917	17,128	6,789	63,484	42,375	21,109
North Dakota.....	12,819	328	2,921	2,898	23	10,226	9,921	305
Ohio.....	124,619	7,877	92,715	85,345	7,370	39,781	39,274	507
Oklahoma.....	38,366	4,799	21,391	19,121	2,270	21,774	19,245	2,529
Oregon.....	23,563	577	13,427	13,179	248	10,713	10,384	329
Pennsylvania.....	162,177	11,622	118,520	107,757	10,763	55,279	54,420	859
Rhode Island.....	13,302	333	12,111	11,803	308	1,524	1,499	25
South Carolina.....	26,745	22,686	15,333	10,558	4,775	34,098	16,187	17,911
South Dakota.....	11,786	674	3,697	3,625	72	8,763	8,161	602
Tennessee.....	54,218	10,748	25,057	19,296	5,761	39,909	34,922	4,987
Texas.....	138,286	19,629	95,922	85,332	10,590	61,993	52,954	9,039
Utah.....	15,406	274	9,321	9,175	146	6,359	6,231	128
Vermont.....	6,868	5	2,698	2,693	5	4,175	4,175	-----
Virginia.....	50,246	16,822	26,358	20,308	6,050	40,710	29,938	10,772
Washington.....	43,191	1,382	27,747	26,933	814	16,826	16,258	568
West Virginia.....	36,902	2,137	13,156	12,553	603	25,883	24,349	1,534
Wisconsin.....	60,704	733	32,919	32,533	386	28,518	28,171	347
Wyoming.....	5,239	242	2,592	2,556	36	2,889	2,683	206

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics; annual report, Vital Statistics of the United States.

No. 72.—BIRTHS BY PERSON IN ATTENDANCE, BY STATES: 1945

[By place of residence. For total births by States, see table 70]

STATE	NUMBER ATTENDED BY—				PERCENT ATTENDED BY—			
	Physician (in hos- pital) <sup>1</sup>	Physician (not in hospital)	Midwife	Other and not specified	Physician (in hos- pital) <sup>1</sup>	Physician (not in hospital)	Midwife	Other and not specified
United States.....	2, 155, 594	402, 890	167, 805	9, 167	78. 8	14. 7	6. 1	0. 3
Alabama.....	30, 300	22, 179	17, 686	156	43. 1	31. 5	25. 2	. 2
Arizona.....	10, 891	1, 243	534	680	81. 6	9. 8	4. 0	5. 1
Arkansas.....	18, 484	13, 230	7, 580	334	46. 6	33. 4	19. 1	. 8
California.....	177, 234	6, 189	460	497	96. 1	3. 4	. 2	. 3
Colorado.....	20, 022	3, 141	147	201	85. 2	13. 4	. 6	. 9
Connecticut.....	33, 224	522	9	10	96. 4	1. 5	( <sup>2</sup> )	( <sup>2</sup> )
Delaware.....	5, 137	489	351	7	85. 8	8. 2	5. 9	. 1
District of Columbia.....	15, 404	723	11	3	95. 4	4. 5	. 1	( <sup>2</sup> )
Florida.....	33, 611	5, 908	8, 078	194	70. 3	12. 4	16. 9	. 4
Georgia.....	39, 668	16, 281	18, 822	81	53. 0	21. 8	25. 1	. 1
Idaho.....	10, 899	570	20	12	94. 8	5. 0	. 2	. 1
Illinois.....	127, 426	11, 034	164	81	91. 9	8. 0	. 1	. 1
Indiana.....	57, 554	10, 796	43	51	84. 1	15. 8	. 1	. 1
Iowa.....	39, 879	5, 014	9	32	88. 8	11. 2	( <sup>2</sup> )	. 1
Kansas.....	29, 469	4, 125	15	15	87. 6	12. 3	( <sup>2</sup> )	( <sup>2</sup> )
Kentucky.....	26, 666	28, 201	5, 726	299	43. 8	46. 3	9. 4	. 5
Louisiana.....	38, 050	7, 363	12, 361	64	65. 8	12. 7	21. 4	. 1
Maine.....	13, 985	2, 612	12	78	83. 8	15. 7	. 1	. 5
Maryland.....	33, 330	7, 221	2, 186	54	77. 9	16. 9	5. 1	. 1
Massachusetts.....	74, 230	2, 822	1	11	96. 3	3. 7	( <sup>2</sup> )	( <sup>2</sup> )
Michigan.....	102, 735	9, 794	66	60	91. 2	8. 7	. 1	. 1
Minnesota.....	60, 761	3, 477	189	229	92. 9	6. 4	. 3	. 4
Mississippi.....	17, 865	14, 204	22, 032	162	32. 9	26. 2	40. 6	. 3
Missouri.....	48, 456	15, 889	872	442	73. 8	24. 2	1. 3	. 7
Montana.....	10, 079	404	56	62	95. 1	3. 8	. 5	. 6
Nebraska.....	21, 161	2, 944	3	20	87. 7	12. 2	( <sup>2</sup> )	. 1
Nevada.....	2, 744	77	10	20	96. 2	2. 7	. 4	. 7
New Hampshire.....	7, 926	412			95. 1	4. 9		
New Jersey.....	72, 727	3, 757	816	38	94. 0	4. 9	1. 1	( <sup>2</sup> )
New Mexico.....	8, 875	3, 395	2, 336	700	58. 0	22. 2	15. 3	4. 6
New York.....	225, 644	8, 176	749	185	96. 1	3. 5	. 3	. 1
North Carolina.....	48, 244	25, 207	13, 819	131	55. 2	28. 8	15. 8	. 1
North Dakota.....	11, 609	1, 345	47	146	88. 3	10. 2	. 4	1. 1
Ohio.....	116, 057	16, 298	43	96	87. 6	12. 3	( <sup>2</sup> )	. 1
Oklahoma.....	31, 234	10, 485	1, 134	312	72. 4	24. 3	2. 6	. 7
Oregon.....	23, 657	437	15	31	96. 0	1. 8	. 1	. 1
Pennsylvania.....	147, 731	25, 685	286	97	85. 0	14. 8	. 2	. 1
Rhode Island.....	12, 887	691	24	33	94. 5	5. 1	. 2	. 2
South Carolina.....	22, 095	10, 829	16, 486	21	44. 7	21. 9	33. 4	( <sup>2</sup> )
South Dakota.....	10, 767	1, 422	116	155	86. 4	11. 4	. 9	1. 2
Tennessee.....	34, 515	25, 131	5, 141	179	53. 1	38. 7	7. 9	. 3
Texas.....	108, 520	28, 481	18, 494	2, 420	68. 7	18. 0	11. 7	1. 5
Utah.....	14, 761	893	12	14	94. 1	5. 7	. 1	. 1
Vermont.....	5, 855	1, 012	2	4	85. 2	14. 7	( <sup>2</sup> )	. 1
Virginia.....	40, 720	16, 120	9, 906	322	60. 7	24. 0	14. 8	. 5
Washington.....	43, 450	1, 009	49	65	97. 5	2. 3	. 1	. 1
West Virginia.....	18, 053	19, 920	845	221	46. 2	51. 0	2. 2	. 6
Wisconsin.....	55, 988	5, 297	40	112	91. 1	8. 6	. 1	. 2
Wyoming.....	5, 015	436	2	28	91. 5	8. 0	( <sup>2</sup> )	. 5

<sup>1</sup> It is assumed that all births in hospitals or institutions are attended by physicians.  
<sup>2</sup> Less than 0.05 of 1 percent.

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics. Basic figures are published in annual report, Vital Statistics of the United States.

**No. 78.—PERCENT COMPLETENESS OF BIRTH REGISTRATION, BY RACE AND POPULATION GROUPS, BY STATES: DEC. 1, 1939, TO MAR. 31, 1940**

[Data obtained by matching special infant cards for all infants stated in the 1940 Census to have been born during period Dec. 1, 1939, to Mar. 31, 1940, with birth certificates for children born during this period. For further details see Studies in Completeness of Birth Registration, Part I, Vital Statistics—Special Reports, Vol. 17, No. 18, p. 223. Data are by place of occurrence]

STATE	ALL AREAS			CITIES OF 10,000 OR MORE			CITIES UNDER 10,000 AND RURAL		
	All races	White	Non-white	Total	White	Non-white	Total	White	Non-white
United States.....	92.5	94.0	82.0	96.9	97.4	91.5	88.0	90.2	76.6
Alabama.....	<sup>1</sup> 85.0	86.4	82.4	92.5	94.2	89.3	82.6	83.9	80.3
Arizona.....	84.4	93.8	48.4	94.4	95.0	87.8	79.0	93.0	41.8
Arkansas.....	75.9	79.6	63.2	86.3	89.4	73.2	73.9	77.6	61.7
California.....	98.0	98.1	96.5	98.5	98.5	97.9	96.7	96.9	91.7
Colorado.....	89.8	89.8	<sup>2</sup> 90.4	95.8	95.9	<sup>2</sup> 92.2	84.4	84.4	<sup>2</sup> 86.7
Connecticut.....	99.4	99.4	97.9	99.6	99.6	98.3	98.2	98.3	<sup>2</sup> 94.1
Delaware.....	97.4	97.2	98.6	99.2	99.1	100.0	95.0	94.2	97.7
District of Columbia.....	97.9	98.5	96.6	97.9	98.5	96.6			
Florida.....	89.9	91.3	86.4	95.0	96.0	92.0	86.0	87.3	83.1
Georgia.....	81.3	83.6	77.6	91.7	93.5	87.8	77.5	79.5	74.5
Idaho.....	95.0	95.1	<sup>2</sup> 79.3	95.5	95.6	<sup>2</sup> 60.0	94.8	94.9	<sup>2</sup> 83.3
Illinois.....	96.9	97.3	90.6	97.7	98.0	93.0	95.1	95.5	72.2
Indiana.....	96.5	96.6	94.0	96.7	96.9	93.9	96.4	96.4	<sup>2</sup> 95.5
Iowa.....	94.6	94.7	<sup>2</sup> 90.1	96.9	97.0	<sup>2</sup> 93.4	93.0	93.0	<sup>2</sup> 73.3
Kansas.....	95.5	95.6	92.9	96.1	96.5	91.8	95.1	95.1	<sup>2</sup> 96.2
Kentucky.....	89.2	89.2	87.6	96.2	96.3	95.0	87.4	87.6	83.2
Louisiana.....	86.1	87.7	83.7	94.8	96.1	92.4	81.2	82.5	79.3
Maine.....	96.1	96.3	<sup>2</sup> 63.2	97.7	97.7	<sup>2</sup> 100.0	95.4	95.6	<sup>2</sup> 61.1
Maryland.....	97.1	97.8	94.1	97.6	98.2	95.0	96.1	97.0	92.9
Massachusetts.....	98.9	98.9	98.0	99.0	99.0	98.8	97.7	97.8	<sup>2</sup> 95.1
Michigan.....	97.8	97.9	94.0	98.0	98.3	94.5	97.3	97.4	<sup>2</sup> 87.9
Minnesota.....	99.3	99.3	97.2	99.8	99.8	<sup>2</sup> 100.0	99.0	99.0	<sup>2</sup> 96.1
Mississippi.....	89.8	93.8	86.2	97.5	98.8	94.9	88.7	92.7	85.4
Missouri.....	90.2	90.7	82.7	95.1	95.7	89.1	86.0	86.7	68.7
Montana.....	97.6	98.0	91.1	99.1	99.3	<sup>2</sup> 80.0	96.7	97.1	91.8
Nebraska.....	96.9	97.0	93.1	98.6	98.6	<sup>2</sup> 100.0	96.0	96.1	<sup>2</sup> 82.5
Nevada.....	96.2	97.5	<sup>2</sup> 80.9	98.4	98.9	<sup>2</sup> 50.0	95.2	96.8	<sup>2</sup> 82.2
New Hampshire.....	98.7	98.6	<sup>2</sup> 100.0	99.0	99.0	<sup>2</sup> 100.0	98.2	98.2	<sup>2</sup> 100.0
New Jersey.....	99.0	99.0	98.7	99.2	99.2	98.9	98.0	98.1	97.6
New Mexico.....	86.4	91.2	40.3	92.3	92.1	<sup>2</sup> 97.4	85.0	90.9	34.8
New York.....	<sup>2</sup> 98.7	98.8	96.3	98.7	98.9	96.2	98.4	98.5	96.6
North Carolina.....	86.1	88.4	81.0	90.1	92.2	84.2	84.9	87.1	80.2
North Dakota.....	94.7	94.6	95.2	99.5	99.5	<sup>2</sup> 100.0	93.2	93.1	95.1
Ohio.....	95.2	95.3	93.7	96.9	97.1	94.4	92.0	92.0	89.1
Oklahoma.....	84.8	87.0	66.9	91.5	92.8	77.2	81.9	84.2	63.8
Oregon.....	97.1	97.3	<sup>2</sup> 84.1	98.8	98.8	<sup>2</sup> 96.9	95.2	95.5	<sup>2</sup> 73.0
Pennsylvania.....	97.0	97.2	92.9	97.2	97.6	93.0	96.6	96.6	91.7
Rhode Island.....	98.8	98.8	<sup>2</sup> 100.0	99.2	99.2	<sup>2</sup> 100.0	93.2	93.0	<sup>2</sup> 100.0
South Carolina.....	77.6	82.7	71.8	87.0	89.4	81.7	74.7	79.8	70.0
South Dakota.....	95.4	96.6	79.8	98.4	98.4	<sup>2</sup> 100.0	94.5	95.9	79.7
Tennessee.....	80.4	81.4	75.1	92.1	93.6	87.3	74.6	76.2	63.6
Texas.....	86.5	89.3	68.7	92.5	93.6	83.6	82.4	86.2	60.9
Utah.....	96.6	97.1	<sup>2</sup> 59.6	98.0	98.0	<sup>2</sup> 100.0	95.3	96.1	<sup>2</sup> 50.0
Vermont.....	97.3	97.3	<sup>2</sup> 100.0	97.8	97.8	<sup>2</sup> 100.0	97.1	97.1	
Virginia.....	91.9	92.5	90.2	96.5	97.5	93.5	89.9	90.2	89.0
Washington.....	97.8	98.0	88.7	98.6	98.6	<sup>2</sup> 99.0	96.1	96.9	81.2
West Virginia.....	86.5	86.7	81.3	91.8	91.8	<sup>2</sup> 91.2	84.9	82.2	79.7
Wisconsin.....	96.9	96.9	93.2	98.4	98.4	<sup>2</sup> 100.0	95.1	95.2	89.2
Wyoming.....	95.6	95.9	<sup>2</sup> 85.4	97.2	97.2		94.8	95.2	<sup>2</sup> 85.4

<sup>1</sup> Results of a field investigation in Jefferson County, received too late for inclusion, change the percentage completeness from 85.0 to 85.2.

<sup>2</sup> Percentage is based on fewer than 100 records.

<sup>3</sup> Results of a field investigation in New York State (exclusive of New York City), received too late for inclusion, raise the percentage completeness from 98.7 to 98.9 percent.

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics; Vital Statistics—Special Reports, Vol. 17, No. 18.

## No. 74.—DEATHS AND DEATH RATES PER 1,000 POPULATION, BY STATES: 1942 TO 1946

(By place of residence)

STATE	NUMBER OF DEATHS					RATE PER 1,000 POPULATION <sup>1</sup>				
	1942	1943	1944	1945	1946	1942	1943	1944	1945	1946
United States.....	1,385,187	1,459,544	1,411,338	1,401,719	1,395,617	10.4	10.9	10.6	10.6	10.6
Alabama.....	26,084	26,373	26,157	25,513	24,727	8.9	9.1	9.3	9.4	8.8
Arizona.....	5,586	5,927	6,205	6,091	5,737	10.2	8.4	9.7	10.5	9.3
Arkansas.....	15,764	15,539	14,515	14,703	14,338	8.0	8.3	8.2	7.9	7.6
California.....	84,861	89,109	90,802	92,569	94,678	11.0	10.5	10.4	10.2	9.9
Colorado.....	12,532	12,761	12,268	12,389	12,058	11.3	11.0	10.7	11.5	10.6
Connecticut.....	18,456	20,014	18,919	18,833	19,127	10.3	11.2	10.7	10.6	9.7
Delaware.....	3,331	3,597	3,345	3,274	3,229	11.9	12.4	11.8	11.9	11.3
District of Columbia.....	8,417	8,787	8,223	8,432	8,289	9.7	9.9	9.8	9.6	9.8
Florida.....	21,207	23,462	23,500	22,776	23,005	9.9	9.9	9.9	9.8	10.0
Georgia.....	20,083	20,101	20,401	20,559	27,511	9.0	9.3	9.1	9.4	8.8
Idaho.....	4,648	4,712	4,678	4,602	4,585	9.7	9.5	8.8	9.4	9.7
Illinois.....	87,777	92,058	88,180	90,116	89,686	11.0	12.0	1.4	12.0	11.2
Indiana.....	36,308	41,287	39,376	39,586	39,034	11.3	12.1	11.5	11.3	10.4
Iowa.....	25,001	26,189	26,094	25,876	25,758	10.3	11.3	11.5	10.8	10.1
Kansas.....	18,149	19,021	18,635	18,507	18,059	10.4	10.7	10.4	10.4	9.7
Kentucky.....	28,279	29,051	28,371	27,590	27,410	10.1	10.6	10.8	10.6	10.0
Louisiana.....	23,010	24,007	23,567	22,126	22,030	9.0	9.4	9.3	9.2	8.7
Maine.....	10,446	10,902	10,279	9,985	10,058	12.5	13.3	13.0	12.3	11.5
Maryland.....	22,188	24,113	22,648	22,584	21,763	11.1	11.5	10.6	11.2	10.0
Massachusetts.....	51,036	54,653	51,688	51,133	51,398	11.7	12.8	12.4	12.2	11.2
Michigan.....	52,827	57,046	54,374	53,906	55,167	9.5	10.6	10.0	9.7	9.1
Minnesota.....	25,851	26,991	26,453	26,753	26,937	9.7	10.5	10.5	10.2	9.5
Mississippi.....	20,794	21,193	20,666	19,355	19,417	9.8	9.5	9.5	9.1	9.2
Missouri.....	41,888	44,289	42,248	42,602	42,451	11.0	11.8	11.5	12.0	11.2
Montana.....	5,516	5,601	5,662	5,414	5,595	10.7	11.6	12.2	12.0	11.7
Nebraska.....	12,330	13,082	12,553	12,500	12,440	9.9	10.6	10.4	10.2	9.8
Nevada.....	1,634	1,616	1,647	1,588	1,502	12.0	11.3	10.5	11.2	11.1
New Hampshire.....	5,662	5,245	5,189	5,816	5,049	11.7	13.6	13.5	12.4	11.7
New Jersey.....	46,716	50,281	47,815	47,825	46,392	10.9	11.9	11.5	12.2	10.8
New Mexico.....	5,203	5,488	5,500	5,520	5,436	9.8	10.3	10.3	10.3	10.3
New York.....	149,820	162,186	152,364	153,654	152,866	11.6	12.6	12.1	12.0	11.1
North Carolina.....	29,414	29,971	29,300	28,897	28,724	8.2	8.2	8.3	8.2	7.9
North Dakota.....	4,818	5,170	5,116	5,109	5,080	8.2	9.5	9.7	9.9	9.5
Ohio.....	78,000	82,484	80,193	78,835	78,464	11.2	12.0	11.7	11.5	10.4
Oklahoma.....	19,324	20,271	18,925	18,921	18,620	8.7	9.3	9.2	8.9	8.4
Oregon.....	12,855	13,704	13,153	13,022	13,318	11.7	11.1	10.8	9.9	9.3
Pennsylvania.....	110,174	115,907	110,333	109,193	107,683	11.3	12.2	11.9	11.7	10.7
Rhode Island.....	8,166	8,923	8,409	7,965	8,073	11.0	11.9	10.8	10.9	10.8
South Carolina.....	18,306	18,552	18,139	16,904	16,351	9.1	9.5	9.4	8.8	8.6
South Dakota.....	5,432	5,641	5,650	5,481	5,508	9.3	9.8	10.1	10.1	10.1
Tennessee.....	27,017	27,935	27,854	27,946	27,650	9.2	9.4	9.7	9.9	9.3
Texas.....	59,315	62,216	61,566	58,553	59,706	8.5	8.0	8.9	8.8	8.6
Utah.....	4,949	5,054	4,957	4,859	4,785	8.4	8.0	8.2	8.1	7.5
Vermont.....	4,250	4,601	4,374	4,007	4,140	12.4	14.0	13.7	12.2	11.7
Virginia.....	29,197	28,915	28,739	28,541	28,154	9.7	9.4	9.0	9.5	9.4
Washington.....	20,652	22,566	21,849	21,890	22,011	10.9	11.1	10.6	10.1	9.8
West Virginia.....	16,976	17,239	16,503	15,630	16,238	9.3	9.8	9.7	9.6	9.0
Wisconsin.....	31,004	32,668	31,674	32,066	32,345	9.9	10.8	10.6	10.9	10.2
Wyoming.....	2,126	2,217	2,278	2,234	2,135	8.5	8.7	8.9	9.0	8.1

<sup>1</sup> Based on population excluding armed forces overseas; each State takes into account military forces in the area.

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics. Basic figures are published in annual report, Vital Statistics of the United States.



No. 75.—DEATHS BY RACE, FOR URBAN AND RURAL AREAS, BY STATES: 1946

[By place of residence]

STATE	TOTAL			URBAN			RURAL		
	All races	White	Non-white	All races	White	Non-white	All races	White	Non-white
United States	1,395,617	1,232,337	163,280	884,747	787,130	97,617	510,870	445,207	65,663
Alabama	24,727	14,431	10,296	10,027	5,570	4,457	14,700	8,861	5,839
Alaska	5,737	4,813	924	3,057	2,829	228	2,680	1,984	696
Arizona	14,338	10,307	4,031	5,931	4,221	1,710	8,407	6,086	2,321
Arkansas	94,678	89,938	4,740	69,423	65,875	3,548	25,255	24,063	1,192
California	12,058	11,747	311	8,243	7,997	246	3,815	3,750	65
Colorado	19,127	18,639	488	13,259	12,849	410	5,868	5,790	78
Connecticut	3,229	2,643	586	1,687	1,384	303	1,542	1,259	283
District of Columbia	8,289	5,347	2,942	8,289	5,347	2,942			
Florida	23,005	16,396	6,609	14,797	10,592	4,205	8,208	5,804	2,404
Georgia	27,511	16,265	11,246	12,934	7,374	5,560	14,577	8,891	5,686
Hawaii	4,585	4,500	85	2,158	2,131	27	2,427	2,369	58
Idaho	89,566	82,574	6,992	66,827	60,584	6,243	22,739	21,990	749
Illinois	39,034	37,023	2,011	22,594	20,785	1,809	16,440	16,238	202
Indiana	25,758	25,501	257	13,727	13,506	221	12,031	11,995	36
Iowa	18,059	17,066	993	9,602	8,829	773	8,457	8,237	220
Kentucky	27,410	24,053	3,357	11,346	9,107	2,239	16,064	14,946	1,118
Louisiana	22,030	12,957	9,073	11,998	7,439	4,559	10,032	5,518	4,514
Maine	10,058	10,023	35	4,229	4,216	13	5,829	5,807	22
Maryland	21,783	17,237	4,546	13,241	10,235	3,006	8,542	7,002	1,540
Massachusetts	51,398	50,487	911	45,376	44,545	831	6,022	5,942	80
Michigan	55,167	51,544	3,623	34,661	31,747	2,914	20,506	19,797	709
Minnesota	26,937	26,577	360	15,612	15,432	180	11,325	11,145	180
Mississippi	19,417	9,130	10,287	5,652	3,020	2,632	13,765	6,110	7,655
Missouri	42,451	38,209	4,242	25,724	22,133	3,591	16,727	16,076	651
Montana	5,595	5,301	294	3,003	2,960	43	2,592	2,341	251
Nebraska	12,440	12,147	293	6,020	5,781	239	6,420	6,366	54
Nevada	1,502	1,364	138	764	716	48	738	648	90
New Hampshire	6,049	6,038	11	3,419	3,412	7	2,630	2,626	4
New Jersey	46,392	43,109	3,283	36,074	33,460	2,614	10,318	9,649	669
New Mexico	5,436	4,814	622	2,145	2,057	88	3,291	2,757	534
New York	152,866	144,289	8,577	123,419	115,569	7,850	29,447	28,720	727
North Carolina	28,724	19,096	9,628	9,764	6,267	3,497	18,960	12,829	6,131
North Dakota	5,080	4,955	125	1,500	1,489	11	3,580	3,466	114
Ohio	78,464	72,960	5,504	54,655	49,751	4,904	23,809	23,209	600
Oklahoma	18,620	16,401	2,219	10,092	8,952	1,140	8,528	7,449	1,079
Oregon	13,318	13,050	268	8,699	8,552	147	4,619	4,498	121
Pennsylvania	107,683	100,581	7,102	74,203	67,937	6,266	33,480	32,644	836
Rhode Island	8,073	7,906	167	7,286	7,129	157	787	777	10
South Carolina	16,351	8,501	7,850	5,746	3,354	2,392	10,605	5,147	5,458
South Dakota	5,508	5,173	335	1,992	1,943	49	3,516	3,230	286
Tennessee	27,650	21,157	6,493	11,948	7,855	4,093	15,702	13,302	2,400
Texas	59,706	49,652	10,054	37,169	30,658	6,511	22,537	18,994	3,543
Utah	4,785	4,692	93	3,088	3,021	67	1,697	1,671	26
Vermont	4,140	4,137	3	1,749	1,748	1	2,391	2,389	2
Virginia	28,154	19,285	8,869	11,912	8,185	3,727	16,242	11,100	5,142
Washington	22,011	21,349	662	13,972	13,579	393	8,039	7,770	269
West Virginia	16,238	14,908	1,330	6,417	5,900	517	9,821	9,008	813
Wisconsin	32,345	32,001	344	18,225	18,040	185	14,120	13,961	159
Wyoming	2,135	2,064	71	1,092	1,068	24	1,043	996	47

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics; annual Vital Statistics of the United States.

## No. 76.—DEATH RATES PER 1,000 POPULATION, BY RACE: 1920 TO 1946

(For coverage of registration areas, see table 63, p. 63)

RACE	1920	1925	1930	1935	1940 <sup>1</sup>	1941 <sup>1</sup>	1942 <sup>1</sup>	1943 <sup>1</sup>	1944 <sup>1</sup>	1945 <sup>1</sup>	1946 <sup>1</sup>
Death-registration States, total.....	13.9	11.7	11.3	10.9	10.7	10.5	10.4	10.9	10.6	10.4	10.8
White.....	12.6	11.1	10.8	10.6	10.4	10.2	10.1	10.7	10.4	10.4	9.8
Nonwhite.....	17.7	17.4	16.8	14.3	13.6	13.5	12.7	12.6	12.4	12.0	11.1
Death-registration States of 1920, total.....	13.9	11.8	11.4	12.1	11.9	10.7	10.6	11.2	10.9	10.9	10.2
White.....	12.6	11.3	10.9	10.8	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Nonwhite.....	17.7	17.6	16.8	14.7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup> Based on population excluding armed forces overseas.<sup>2</sup> Not available.

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics. Basic figures are published in annual reports, as follows: 1920-35, Mortality Statistics; 1940-46, Vital Statistics of the United States.

## No. 77.—DEATH RATES PER 1,000 POPULATION, BY SEX AND AGE GROUPS, FOR DEATH-REGISTRATION STATES: 1900 TO 1946

(For coverage of registration areas, see table 63, p. 63)

SEX AND AGE GROUP	1900	1910	1920	1930	1940 <sup>1</sup>	1942 <sup>1</sup>	1943 <sup>1</sup>	1944 <sup>1</sup>	1945 <sup>1</sup>	1946 <sup>1</sup>
Both sexes, all ages <sup>2</sup> .....	17.2	14.7	13.0	11.3	10.7	10.4	10.5	10.6	10.5	10.8
Under 1 year.....	162.4	131.8	92.3	69.0	54.8	48.0	43.0	43.3	41.7	45.3
1-4 years.....	19.8	14.0	9.9	5.6	2.9	2.4	2.6	2.3	2.0	1.8
5-14 years.....	3.9	2.9	2.6	1.7	1.0	.9	1.0	.9	.9	.8
15-24 years.....	5.9	4.5	4.9	3.3	2.0	1.9	2.0	2.0	1.9	1.7
25-34 years.....	8.2	6.5	6.8	4.7	3.1	2.8	2.8	2.7	2.7	2.3
35-44 years.....	10.2	9.0	8.1	6.8	5.2	4.9	4.9	4.7	4.6	4.3
45-54 years.....	15.0	13.7	12.2	12.2	10.6	10.1	10.3	9.8	9.7	9.3
55-64 years.....	27.2	23.2	23.6	24.0	22.0	21.0	21.3	20.6	20.3	19.6
65-74 years.....	56.4	55.6	52.5	51.4	45.6	45.6	47.4	45.6	44.5	43.4
75-84 years.....	123.3	122.2	118.9	112.7	127.6	117.9	120.4	119.6	116.5	114.1
85 years and over.....	200.9	250.3	248.3	238.0						
Males, all ages <sup>1</sup> .....	17.9	15.4	13.4	12.3	11.7	11.7	12.4	12.4	12.7	11.4
Under 1 year.....	179.1	145.5	103.6	77.0	61.7	53.7	48.2	48.3	45.6	51.3
1-4 years.....	20.5	14.6	10.3	5.0	3.1	2.6	2.8	2.3	2.2	1.9
5-14 years.....	3.8	2.0	2.8	1.9	1.2	1.1	1.1	1.1	1.0	1.0
15-24 years.....	5.9	4.8	4.8	3.5	2.3	2.3	2.6	2.8	2.7	2.1
25-34 years.....	8.2	6.9	6.4	4.9	3.4	3.2	3.3	3.4	3.6	2.7
35-44 years.....	10.7	10.0	8.2	7.5	5.9	5.7	5.6	5.4	5.6	4.9
45-54 years.....	15.7	15.2	12.6	13.6	12.5	12.2	12.3	11.9	11.8	11.5
55-64 years.....	28.7	23.7	24.6	26.6	26.0	25.1	25.6	24.8	24.7	23.9
65-74 years.....	59.3	58.7	54.5	55.8	54.5	52.3	54.2	52.3	51.7	50.4
75-84 years.....	123.3	127.4	122.1	119.1	135.6	128.8	134.6	127.1	124.6	121.7
85 years and over.....	208.8	255.3	253.0	236.7						
Females, all ages <sup>1</sup> .....	16.5	12.7	12.6	10.4	9.5	9.0	9.4	9.9	8.8	8.6
Under 1 year.....	145.4	117.6	80.7	60.7	47.7	42.0	37.5	38.1	36.4	39.3
1-4 years.....	19.1	13.4	9.5	5.2	2.7	2.3	2.3	2.1	1.8	1.6
5-14 years.....	3.9	2.9	2.5	1.5	.9	.7	.8	.7	.7	.7
15-24 years.....	5.8	4.2	5.0	3.2	1.8	1.6	1.5	1.4	1.4	1.3
25-34 years.....	8.2	6.1	7.1	4.4	2.7	2.4	2.4	2.3	2.1	1.9
35-44 years.....	9.8	7.9	8.0	6.1	4.5	4.1	4.1	3.9	3.8	3.5
45-54 years.....	14.2	12.1	11.7	10.6	8.6	8.0	8.1	7.7	7.3	7.2
55-64 years.....	25.8	23.7	22.4	21.2	17.9	16.7	17.2	16.3	15.8	15.1
65-74 years.....	53.6	52.4	50.5	48.8	42.0	39.2	40.8	39.0	37.8	36.0
75-84 years.....	118.8	117.4	115.9	106.6	120.5	111.0	119.2	113.1	109.6	107.8
85 years and over.....	255.2	246.0	244.7	221.4						

<sup>1</sup> Based on population excluding armed forces overseas.<sup>2</sup> Includes ages not reported.

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics; Vital Statistics Rates in the United States, 1900-40; basic figures for 1940-46 are published in annual report, Vital Statistics of the United States.

# No. 78.—DEATHS FROM SELECTED CAUSES, 1946, AND DEATH RATES PER 100,000 POPULATION, 1900 TO 1946

[For coverage of registration areas, see table 63, p. 63]

CAUSE OF DEATH	Number of deaths, 1946	DEATH-REGISTRATION STATES—RATE										DEATH-REGISTRATION STATES OF 1900—RATE				
		1900	1910	1920	1930	1940 <sup>1</sup>	1944 <sup>1</sup>	1945 <sup>1</sup>	1946 <sup>1</sup>	1900	1910	1920	1930	1940 <sup>1</sup>	1945 <sup>1</sup>	1946 <sup>1</sup>
All causes <sup>2</sup>	1,385,617	1,719.1	1,468.0	1,298.9	1,132.1	1,074.1	1,064.7	1,061.8	997.6	1,719.1	1,562.4	1,385.7	1,154.8	1,112.2	1,132.8	1,060.7
Typhoid and paratyphoid fever	407	31.3	22.5	7.6	4.8	1.1	.4	.4	.3	31.3	18.0	5.0	1.6	.3	.2	.1
Cerebrospinal meningitis	1,257	( <sup>3</sup> )	.3	1.6	3.6	.5	2.1	1.3	.9	( <sup>3</sup> )	.3	1.8	3.6	.4	1.1	.8
Scarlet fever	198	9.6	11.4	4.6	1.9	.5	.3	.2	.1	9.6	12.2	5.3	1.8	.5	.2	.1
Whooping cough	1,241	12.2	11.6	12.5	4.8	2.2	1.4	1.3	.9	12.2	10.7	12.0	3.4	1.1	.7	.6
Diphtheria	1,259	40.3	21.1	15.3	4.9	1.1	.9	1.2	.9	40.3	22.5	17.5	4.3	.3	.4	.5
Tuberculosis (all forms)	50,911	194.4	153.8	113.1	71.1	45.8	41.3	40.1	36.4	194.4	164.7	112.5	67.8	41.1	40.3	36.8
Tuberculosis of respiratory system	46,939	174.5	133.3	99.8	63.0	42.1	38.3	37.0	33.6	174.5	142.0	97.7	59.2	37.4	37.3	33.6
Tuberculosis (other forms)	3,972	19.9	20.6	13.4	8.1	3.7	3.0	3.1	2.8	19.9	22.7	14.8	8.6	3.7	3.0	2.7
Dysentery	952	12.0	6.0	4.0	2.8	1.9	1.4	1.2	.7	12.0	6.1	1.5	.8	.3	.3	.3
Malaria	341	6.2	1.1	3.4	2.9	1.1	.4	.3	.2	6.2	1.3	.2	.1	.1	.1	( <sup>4</sup> )
Syphilis (all forms)	12,955	12.0	13.5	16.5	15.7	14.4	11.3	10.7	9.3	12.0	15.0	17.1	14.5	13.1	9.8	8.4
Cancer (all forms)	182,005	64.0	76.2	83.4	97.4	120.0	129.1	134.4	130.1	64.0	83.0	99.4	117.9	148.9	164.4	157.4
Diabetes mellitus	34,731	11.0	15.3	16.1	19.1	26.5	26.4	26.6	24.8	11.0	17.6	20.5	24.1	35.4	35.1	33.1
Intracranial lesions of vascular origin	125,646	106.9	95.8	93.0	89.0	90.8	93.7	97.8	89.8	106.9	105.4	107.5	90.4	90.5	97.8	88.6
Diseases of heart (all forms)	429,230	137.4	158.9	159.6	214.2	291.9	315.4	321.4	306.8	137.4	180.9	199.0	265.1	361.5	399.1	374.3
Pneumonia (all forms) and influenza	62,324	202.2	155.9	207.3	102.5	70.1	61.7	51.8	44.6	202.2	174.4	210.6	98.1	55.2	44.6	39.8
Bronchopneumonia	27,667	22.8	46.0	54.6	34.3	26.2	23.2	21.8	19.8	22.8	52.6	65.3	36.8	24.1	20.5	19.4
Lobar pneumonia	20,252	152.6	44.8	72.9	45.3	25.1	20.5	17.6	14.5	182.6	52.4	83.0	48.7	23.5	17.6	14.6
Pneumonia (unspecified)	5,622	( <sup>3</sup> )	50.9	9.3	3.5	3.5	4.9	4.6	4.0	( <sup>3</sup> )	53.9	7.0	1.5	1.9	2.9	2.6
Influenza	8,783	26.7	14.2	70.5	19.4	15.3	13.1	7.7	6.3	26.7	15.5	55.3	11.1	5.6	3.5	3.3
Diarrhea, enteritis, etc.	8,080	142.7	115.4	53.7	26.0	10.3	9.9	8.7	5.8	142.7	120.3	56.1	17.5	4.7	5.1	4.3
Appendicitis	5,285	8.8	10.8	13.2	15.2	9.9	5.8	5.1	3.8	8.8	11.1	13.3	15.8	10.0	4.9	3.6
Hernia and intestinal obstruction	11,221	11.9	12.1	10.5	10.2	9.0	9.0	8.8	8.0	11.9	12.6	11.2	10.3	9.4	9.1	8.5
Cirrhosis of the liver	13,451	12.5	13.3	7.1	7.2	8.6	8.7	9.5	9.6	12.5	14.4	7.7	7.8	10.2	12.0	11.9
Nephritis	81,701	88.6	94.8	88.8	91.0	81.4	69.2	66.7	58.4	88.6	107.3	98.1	91.2	74.7	59.5	52.6
Diseases of pregnancy, childbirth, and puerperium <sup>5</sup>	5,153	13.4	15.3	19.0	12.7	6.7	4.8	4.3	3.7	13.4	15.1	17.6	10.6	4.7	3.1	2.7
Puerperal septicemia	1,771	5.8	7.0	6.5	4.6	2.9	1.7	1.5	1.3	5.8	6.7	6.1	4.0	2.2	1.1	1.0
Puerperal toxemias	1,296	2.2	3.3	4.8	3.5	1.7	1.2	1.1	.9	2.2	3.4	4.0	2.2	.9	.7	.6
Congenital malformations	17,749	12.0	15.2	15.2	11.2	10.0	12.6	12.3	12.7	12.0	15.5	17.0	12.7	10.8	13.3	13.7
Premature birth	39,918	32.4	37.7	43.6	31.5	24.5	25.0	23.9	28.5	32.4	40.4	44.5	28.7	19.8	21.1	25.6
Suicide	16,152	10.2	15.3	10.2	15.6	14.3	10.0	11.2	11.5	10.2	15.4	11.0	16.9	15.8	12.3	12.0
Homicide	8,784	1.2	4.6	6.8	8.8	6.2	4.9	5.6	6.3	1.2	3.9	4.2	5.1	2.7	2.9	3.1
Motor-vehicle accidents	33,411	( <sup>3</sup> )	11.8	10.3	26.7	26.1	18.3	21.3	23.9	( <sup>3</sup> )	12.0	12.1	27.1	22.6	16.6	18.1
Other accidents	64,622	672.3	682.7	660.7	53.8	47.3	53.5	51.4	46.2	672.3	676.9	658.9	51.0	45.1	48.2	43.9

<sup>1</sup> Based on population excluding armed forces overseas.

<sup>2</sup> Includes causes not shown separately.

<sup>3</sup> Not available.

<sup>4</sup> Less than 0.05.

<sup>5</sup> Excludes automobile collisions with trains and streetcars, and motorcycle accidents.

<sup>6</sup> Includes legal execution.

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics Rates in the U. S., 1900-40; basic figures for 1940-46 are published in annual report, Vital Statistics of the United States.

# No. 79.—DEATH RATES PER 100,000 POPULATION, FOR LEADING CAUSES OF DEATH, BY STATES: 1946

[By place of residence. Based on population excluding armed forces overseas; each State takes into account military forces in the area]

STATE	Diseases of the heart	Cancer and other malignant tumors	Intra-cranial lesions of vascular origin	Nephritis	Accidents (excluding motor vehicle)	Pneumonia (all forms) and influenza	Tuberculosis (all forms)	Premature birth	Diabetes mellitus	Motor-vehicle accidents
United States	365.3	130.1	89.8	58.4	46.2	44.6	35.4	28.5	24.8	23.9
Alabama	189.5	80.5	84.8	67.4	44.1	54.3	40.0	35.1	11.9	27.3
Arizona	205.4	79.5	50.4	33.7	50.7	60.9	116.7	25.5	10.1	30.5
Arkansas	173.9	76.2	74.8	60.5	40.8	54.4	37.1	21.3	10.8	19.5
California	319.4	134.2	77.9	42.7	43.6	40.7	41.6	23.6	20.2	39.5
Colorado	280.1	127.2	85.3	63.5	57.2	66.2	35.3	38.2	19.1	31.7
Connecticut	348.0	154.4	79.6	46.4	38.1	31.6	30.0	23.1	33.7	13.4
Delaware	374.1	130.2	98.8	107.1	43.9	45.4	46.4	25.8	24.1	26.5
District of Columbia	274.7	134.4	68.9	51.8	41.5	33.9	57.9	35.3	26.2	11.6
Florida	249.3	110.3	95.6	63.8	56.9	47.1	31.2	34.9	18.6	30.9
Georgia	189.5	78.0	95.7	81.5	41.7	55.7	34.2	31.4	12.8	25.9
Idaho	263.0	119.4	85.5	60.8	62.5	40.0	14.2	39.6	20.3	38.5
Illinois	396.2	160.8	89.3	70.4	46.4	38.4	37.5	24.8	32.1	23.3
Indiana	307.0	128.4	115.1	78.3	48.4	41.9	29.9	27.6	25.6	25.5
Iowa	309.6	145.6	114.0	57.3	50.7	41.2	12.9	24.5	26.5	21.6
Kansas	290.9	129.6	110.1	67.5	40.6	32.9	16.5	24.1	23.5	25.1
Kentucky	260.3	102.2	101.2	61.6	50.7	64.6	58.3	34.5	16.2	26.6
Louisiana	236.4	99.5	70.6	57.2	44.8	51.6	43.2	38.2	14.2	20.1
Maine	352.9	159.0	119.8	71.0	55.9	54.3	24.7	29.9	26.6	22.0
Maryland	318.4	127.4	78.3	81.1	44.1	38.1	54.2	28.6	24.6	19.6
Massachusetts	411.8	169.1	103.5	46.6	48.5	48.6	36.3	24.2	34.5	13.5
Michigan	292.5	123.3	85.9	42.0	37.6	35.0	21.2	28.6	25.4	26.0
Minnesota	296.1	141.1	98.0	32.3	46.3	42.2	20.7	25.4	26.3	20.8
Mississippi	172.9	79.7	85.9	76.7	43.6	55.3	35.3	29.5	14.8	22.8
Missouri	348.1	146.9	110.1	64.1	52.5	59.4	33.8	24.6	24.0	22.0
Montana	340.5	138.4	102.4	57.7	73.4	54.3	34.3	30.9	28.5	34.7
Nebraska	277.2	137.5	109.1	59.0	48.1	41.0	13.9	29.2	27.9	22.7
Nevada	300.6	110.0	92.3	39.9	90.1	62.0	53.9	34.0	17.7	47.3
New Hampshire	404.5	161.2	118.8	66.7	48.4	54.6	22.4	19.5	32.9	19.4
New Jersey	377.5	168.3	91.6	62.4	40.4	36.0	38.3	26.2	32.6	17.6
New Mexico	151.2	75.6	47.3	36.7	54.8	73.7	73.3	46.4	11.5	35.2
New York	423.8	174.6	75.0	45.8	45.2	39.5	40.8	23.5	38.7	15.3
North Carolina	183.5	69.3	83.8	75.1	36.1	43.4	32.5	37.3	13.7	28.9
North Dakota	258.8	126.7	89.0	41.1	55.5	38.9	17.9	33.0	28.5	26.8
Ohio	324.9	141.4	109.0	60.7	46.0	41.6	34.4	27.0	26.2	25.0
Oklahoma	205.6	101.7	89.2	46.6	45.0	43.5	31.8	26.8	16.8	24.2
Oregon	260.6	125.5	80.0	65.3	53.4	42.9	21.4	20.7	20.9	33.9
Pennsylvania	360.8	147.5	92.3	69.2	44.5	44.6	36.9	27.8	33.2	19.0
Rhode Island	406.0	156.0	93.8	74.6	38.1	36.2	21.1	25.4	38.3	12.9
South Carolina	185.4	70.0	94.7	77.4	41.6	54.6	29.4	38.9	13.6	32.8
South Dakota	268.2	131.1	99.1	47.5	54.4	40.4	31.4	26.8	21.9	29.4
Tennessee	217.5	95.1	92.8	55.2	41.5	58.4	54.4	33.3	13.1	22.5
Texas	291.7	92.3	72.3	45.0	48.1	45.3	42.0	34.8	13.0	26.2
Utah	215.3	93.1	53.1	34.2	51.2	35.0	13.0	33.4	18.7	29.1
Vermont	393.8	160.1	116.4	51.8	51.8	56.7	36.5	31.7	30.9	24.9
Virginia	249.1	92.7	96.1	69.3	47.4	49.7	43.5	34.8	18.1	27.1
Washington	315.2	124.5	86.9	43.1	57.2	38.9	32.7	29.5	21.4	38.1
West Virginia	222.1	94.1	82.1	51.0	63.3	51.1	39.7	35.6	16.9	22.5
Wisconsin	330.9	152.6	101.3	51.9	47.8	40.6	30.5	25.2	32.2	23.4
Wyoming	227.1	85.7	68.5	49.4	56.7	38.4	10.7	28.1	12.2	39.9

Source. Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics. Basic figures are published in annual report, Vital Statistics of the United States.

**No. 80.—DEATHS UNDER 1 YEAR OF AGE AND RATES PER 1,000 LIVE BIRTHS, BY STATES: 1942 TO 1946**

(By place of residence)

STATE	NUMBER OF DEATHS					RATE PER 1,000 LIVE BIRTHS				
	1942	1943	1944	1945	1946	1942	1943	1944	1945	1946
United States.....	113,492	115,484	111,127	104,654	111,963	40.4	40.4	39.8	38.3	38.8
Alabama.....	3,561	3,477	3,389	3,141	3,025	55.1	44.8	45.5	44.7	37.9
Arizona.....	1,014	1,097	979	917	879	80.1	76.7	68.8	68.7	41.5
Arkansas.....	1,694	1,594	1,433	1,256	1,283	39.7	37.4	34.7	31.7	28.3
California.....	5,385	5,999	5,177	5,991	6,705	34.8	34.4	34.5	32.5	30.7
Colorado.....	1,173	1,228	1,183	1,188	1,180	49.7	50.4	49.4	50.5	40.0
Connecticut.....	1,068	1,163	1,054	1,011	1,154	29.2	29.8	30.7	29.9	27.8
Delaware.....	266	291	292	233	202	47.0	46.7	48.7	38.9	29.7
District of Columbia.....	771	765	708	780	767	50.8	47.6	44.8	48.3	41.2
Florida.....	1,953	2,181	2,202	2,093	2,116	47.7	45.7	45.5	43.9	39.4
Georgia.....	3,571	3,656	3,407	3,182	3,075	49.3	46.6	44.5	42.2	35.9
Idaho.....	415	396	416	403	453	36.2	32.0	34.0	35.0	32.9
Illinois.....	5,170	5,184	4,802	4,377	5,316	33.1	33.3	32.4	31.6	30.4
Indiana.....	2,701	2,960	2,462	2,462	2,697	38.6	39.6	34.5	36.0	31.5
Iowa.....	1,623	1,818	1,540	1,363	1,661	33.5	34.0	33.1	30.3	29.9
Kansas.....	1,206	1,212	1,163	1,109	1,217	35.5	33.6	33.8	33.0	30.6
Kentucky.....	3,209	3,280	2,997	2,858	2,900	48.4	50.0	46.7	46.9	40.0
Louisiana.....	2,802	2,773	2,824	2,488	2,553	48.2	44.7	44.3	43.0	37.2
Maine.....	816	973	839	773	833	46.1	51.3	46.7	46.3	41.0
Maryland.....	1,941	2,087	1,921	1,626	1,713	43.9	43.0	41.5	38.0	34.0
Massachusetts.....	2,651	2,939	2,586	2,436	2,964	32.0	34.2	33.1	31.6	31.6
Michigan.....	4,608	4,813	4,343	4,035	4,552	37.2	38.3	37.9	35.9	32.7
Minnesota.....	1,739	1,809	1,766	1,696	1,925	29.6	30.9	31.3	31.1	28.6
Mississippi.....	2,680	2,800	2,513	2,304	2,311	47.3	46.8	44.1	40.6	37.6
Missouri.....	2,761	2,918	2,556	2,464	2,665	39.0	40.3	37.6	37.5	33.0
Montana.....	395	442	396	363	448	33.7	38.7	36.1	34.2	34.8
Nebraska.....	791	889	810	667	846	33.4	35.5	33.0	28.5	30.2
Nevada.....	159	168	152	132	130	57.2	53.2	50.2	46.3	39.6
New Hampshire.....	329	432	322	303	348	36.9	46.1	37.7	36.3	31.4
New Jersey.....	2,542	2,796	2,593	2,476	2,715	31.1	33.7	34.0	32.0	28.5
New Mexico.....	1,383	1,394	1,390	1,543	1,415	97.9	91.6	89.1	100.8	73.2
New York.....	7,814	8,126	7,535	7,461	8,345	31.9	32.7	32.8	31.5	29.1
North Carolina.....	4,342	4,416	4,115	3,782	3,742	48.3	46.7	45.4	43.3	37.2
North Dakota.....	488	466	479	385	519	36.5	34.9	35.4	29.3	34.0
Ohio.....	5,345	5,640	5,147	4,830	5,312	37.0	39.1	38.5	36.5	31.3
Oklahoma.....	1,906	2,068	1,923	1,727	1,639	41.4	42.5	41.2	40.0	32.5
Oregon.....	587	763	736	692	833	30.5	30.0	30.5	28.7	27.7
Pennsylvania.....	7,527	7,551	7,136	6,690	7,196	38.2	37.9	40.0	37.9	33.0
Rhode Island.....	560	638	486	384	494	39.5	43.5	35.3	28.2	29.5
South Carolina.....	2,966	2,965	2,828	2,469	2,235	58.7	55.1	54.9	49.9	41.4
South Dakota.....	474	457	445	388	432	38.2	35.7	34.9	31.1	29.6
Tennessee.....	3,030	3,143	3,106	3,096	2,974	46.4	44.8	43.5	47.7	38.5
Texas.....	7,700	8,454	8,354	7,703	7,564	53.6	51.4	50.4	48.8	41.7
Utah.....	522	539	545	488	496	33.0	31.4	33.9	31.1	27.2
Vermont.....	299	285	277	238	284	41.7	39.0	40.6	34.6	34.0
Virginia.....	3,565	3,395	3,261	3,178	2,935	52.5	47.1	47.1	47.4	38.7
Washington.....	1,202	1,350	1,506	1,539	1,734	33.1	34.8	33.8	34.5	33.4
West Virginia.....	2,329	2,201	2,149	2,030	1,990	53.0	52.1	52.0	52.0	40.9
Wisconsin.....	2,050	2,257	1,972	1,913	2,246	32.0	35.0	32.0	31.1	30.0
Wyoming.....	251	216	232	219	205	45.1	37.1	41.2	40.0	33.1

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics. Basic figures are published in annual report, Vital Statistics of the United States.

No. 81.—DEATHS UNDER 1 YEAR OF AGE AND RATES PER 1,000 LIVE BIRTHS, BY RACE, FOR URBAN AND RURAL AREAS, BY STATES: 1945

[By place of residence]

STATE	NUMBER OF DEATHS				RATE PER 1,000 LIVE BIRTHS					
	Urban		Rural		Total		Urban		Rural	
	White	Non-white	White	Non-white	White	Non-white	White	Non-white	White	Non-white
United States.....	50,997	10,011	34,298	9,378	35.6	57.0	35.1	60.5	36.4	53.7
Alabama.....	596	526	1,113	906	38.8	54.6	41.1	61.4	37.6	51.3
Arizona.....	426	38	240	213	57.7	139.5	59.5	81.7	54.6	159.7
Arkansas.....	344	120	582	210	31.4	32.6	36.3	47.1	29.1	27.7
California.....	3,963	363	1,559	106	31.8	43.9	30.0	41.2	37.5	56.5
Colorado.....	689	17	472	10	50.8	41.7	48.7	34.1	54.2	67.6
Connecticut.....	688	34	286	3	29.7	39.7	31.0	41.3	26.9	27.5
Delaware.....	92	28	76	37	33.2	70.9	35.6	63.6	30.6	77.6
District of Columbia.....	402	378			37.0	71.6	37.0	71.6		
Florida.....	743	457	575	318	37.4	61.6	36.2	64.3	39.2	58.1
Georgia.....	749	609	972	832	36.2	52.7	35.4	64.7	36.9	46.3
Idaho.....	211	6	174	12	34.1	84.5	43.4	90.9	27.1	81.6
Illinois.....	2,837	497	1,011	32	29.9	52.2	29.4	51.4	31.6	69.4
Indiana.....	1,377	194	883	8	34.4	71.6	35.5	71.3	32.9	80.8
Iowa.....	677	20	664	2	30.1	62.9	34.6	62.5	26.5	66.7
Kansas.....	624	64	411	10	32.0	59.6	36.9	57.3	26.6	80.6
Kentucky.....	800	143	1,830	85	45.6	70.4	45.4	75.4	45.7	63.4
Louisiana.....	584	556	586	762	33.2	58.3	33.2	65.6	33.2	54.0
Maine.....	316	5	451	1	46.1	122.4	48.8	178.6	44.4	47.6
Maryland.....	610	320	500	196	32.0	63.4	32.7	62.1	31.3	65.4
Massachusetts.....	2,143	55	228	10	31.3	51.6	31.5	47.4	29.0	102.0
Michigan.....	2,421	305	1,269	40	34.9	50.6	32.4	47.2	40.7	114.6
Minnesota.....	957	17	692	32	30.6	66.7	34.6	53.6	26.3	76.6
Mississippi.....	363	285	502	1,054	35.9	44.4	45.6	64.3	31.1	41.0
Missouri.....	1,232	269	899	64	35.2	64.2	36.8	63.0	33.3	69.8
Montana.....	195	2	119	47	31.5	78.1	38.0	33.9	24.6	82.7
Nebraska.....	339	35	303	10	27.2	82.9	31.7	82.7	23.5	83.3
Nevada.....	52	8	62	10	43.2	85.3	39.4	105.3	46.9	74.1
New Hampshire.....	196	1	106		36.3	71.4	39.8	71.4	31.2	
New Jersey.....	1,744	265	415	52	30.1	57.3	30.1	56.6	30.0	61.3
New Mexico.....	501	20	815	207	93.7	179.4	85.1	130.7	99.9	186.2
New York.....	5,451	679	1,297	34	30.5	53.1	30.2	52.5	31.9	68.5
North Carolina.....	652	430	1,582	1,118	37.5	55.5	38.1	63.3	37.3	53.0
North Dakota.....	108	1	262	14	28.9	45.7	37.3	43.5	26.4	45.9
Ohio.....	2,996	398	1,404	32	35.3	54.6	35.1	54.0	35.7	63.1
Oklahoma.....	775	148	656	148	37.3	61.7	40.5	65.2	34.1	58.5
Oregon.....	409	11	248	24	27.9	60.7	31.0	44.4	23.9	72.9
Pennsylvania.....	3,825	650	2,055	60	36.3	61.1	35.5	60.4	37.8	69.8
Rhode Island.....	334	15	29	6	27.3	63.1	28.3	48.7	19.3	240.0
South Carolina.....	478	335	605	1,051	40.5	61.1	45.3	70.2	37.4	58.7
South Dakota.....	132	8	197	51	27.9	87.5	36.4	111.1	24.1	84.7
Tennessee.....	949	416	1,499	232	45.2	60.3	49.2	72.2	42.9	46.5
Texas.....	4,197	721	2,336	449	47.2	59.6	49.2	68.1	44.1	49.7
Utah.....	281	10	191	6	30.6	58.4	30.6	68.5	30.7	46.9
Vermont.....	89		149		34.7		33.0		35.7	
Virginia.....	733	437	1,292	716	40.3	68.5	36.1	72.2	43.2	66.5
Washington.....	899	47	549	44	33.5	65.8	33.4	57.7	33.8	77.5
West Virginia.....	697	43	1,206	84	51.6	59.4	55.5	71.3	49.5	54.8
Wisconsin.....	1,022	24	839	28	30.7	70.9	31.4	62.2	29.8	80.7
Wyoming.....	99	1	107	12	39.3	53.7	38.7	27.8	39.9	58.3

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics; annual report, Vital Statistics of the United States.



### No. 82.—DEATHS UNDER 1 YEAR OF AGE, BY SEX, FOR BIRTH-REGISTRATION STATES: 1915 TO 1946

[For coverage of registration area, see table 68, p. 68]

YEAR	NUMBER OF DEATHS			RATE PER 1,000 LIVEBIRTHS			Number of male deaths per 1,000 female deaths
	Total	Male	Female	Total	Male	Female	
1915.....	77, 572	43, 818	33, 754	99.9	109.9	89.4	1, 298
1920.....	129, 531	73, 737	55, 794	85.8	95.1	76.1	1, 322
1925.....	124, 552	76, 902	47, 650	71.7	79.5	63.2	1, 332
1930.....	142, 413	80, 744	61, 669	64.6	71.3	57.5	1, 309
1935.....	120, 138	68, 805	51, 333	55.7	62.3	48.9	1, 340
1940.....	110, 984	63, 567	47, 427	47.0	52.5	41.3	1, 340
1942.....	113, 492	64, 829	48, 663	40.4	44.9	35.7	1, 323
1943.....	118, 484	67, 943	50, 541	40.4	45.1	35.4	1, 344
1944.....	111, 127	63, 264	47, 863	39.8	44.1	35.2	1, 323
1945.....	104, 684	59, 998	44, 686	38.3	42.7	33.6	1, 343
1946.....	111, 003	63, 948	47, 115	33.8	37.8	29.5	1, 357

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics. Basic figures are published in annual reports, as follows: 1915 and 1920, Birth Statistics; 1925-35, Birth, Stillbirth, and Infant Mortality Statistics; 1940-46, Vital Statistics of the United States.

### No. 83.—DEATH RATES PER 1,000 LIVE BIRTHS, FOR INFANTS UNDER 1 YEAR OF AGE, BY AGE GROUPS, FOR BIRTH-REGISTRATION STATES: 1920 TO 1946

AGE	1920	1925	1930	1935	1939	1940	1941	1942	1943	1944	1945	1946
Total under 1 year.....	85.8	71.7	64.6	55.7	48.0	47.0	45.3	40.4	40.4	39.8	■	33.8
Under 1 day.....	14.8	15.0	15.0	15.0	14.1	13.9	13.2	12.3	11.6	11.5	11.1	11.4
1 day.....	4.6	4.2	4.2	3.7	3.7	3.5	3.5	3.3	3.2	3.3	3.3	3.5
2 days.....	3.4	3.2	2.9	2.4	2.3	2.2	2.2	2.1	2.0	2.1	2.1	2.2
3 to 6 days.....	6.4	5.8	5.1	4.4	3.7	3.6	3.4	3.1	3.1	3.1	3.1	3.0
1 week.....	5.4	4.4	3.9	3.2	2.5	2.4	2.4	2.2	2.1	2.2	2.1	1.9
2 weeks.....	3.8	2.9	2.5	2.0	1.6	1.6	1.6	1.4	1.4	1.4	1.3	1.1
3 weeks.....	3.1	2.3	2.1	1.8	1.4	1.4	1.4	1.2	1.2	1.2	1.2	.9
Under 1 month.....	41.5	37.8	35.7	32.4	29.3	■	27.7	25.7	24.7	24.7	24.3	24.0
1 month.....	7.3	5.8	5.3	4.4	3.5	3.5	3.4	2.9	2.9	2.8	2.8	2.2
2 months.....	5.7	4.6	4.2	3.5	2.8	2.9	2.7	2.3	2.4	2.3	2.2	1.6
3 to 5 months.....	13.1	10.3	8.6	7.1	5.9	5.9	5.7	4.7	5.1	5.0	4.5	3.0
6 to 8 months.....	10.0	7.4	6.2	4.8	3.8	3.6	3.5	2.9	3.2	3.0	2.7	1.8
9 to 11 months.....	5.3	5.8	4.6	3.5	2.8	2.4	2.3	1.9	2.0	2.0	1.6	1.1

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics; 1920-40, Vital Statistics Rates in the United States, 1900-40; basic figures for 1941-46 are published in annual report, Vital Statistics of the United States.

### No. 84.—BIRTHS AND DEATHS IN HAWAII, PUERTO RICO, AND VIRGIN ISLANDS

ITEM	HAWAII				PUERTO RICO				VIRGIN ISLANDS			
	1935	1940	1944	1945	1935	1940	1944	1945	1935	1940	1944	1945
Number:												
Births.....	9, 196	9, 414	12, 494	12, 305	(1)	(1)	82, 534	86, 680	656	756	1, 059	984
Deaths.....	3, 306	3, 069	3, 728	3, 396	30, 745	34, 469	29, 795	28, 837	492	553	402	401
Excess of births over deaths.....	5, 890	6, 325	8, 766	8, 909	(1)	(1)	52, 739	57, 843	164	203	657	583
Rate per 1,000 population:												
Births.....	23.6	22.1	27.9	26.9	(1)	(1)	40.3	41.5	27.9	30.5	39.2	36.2
Deaths.....	8.5	(1)	(1)	(1)	18.0	(1)	(1)	(1)	20.9	(1)	(1)	(1)
Excess of births over deaths.....	15.1	(1)	(1)	(1)	(1)	(1)	25.8	27.7	7.0	(1)	(1)	(1)
Deaths under 1 year of age:												
Number.....	622	421	380	236	7, 760	8, 221	8, 195	8, 064	112	103	107	123
Per 1,000 live births.....	67.6	44.7	30.4	27.3	(1)	(1)	99.3	93.0	170.7	135.2	101.0	124.0

<sup>1</sup> Not in birth-registration system. <sup>2</sup> Not computed. See Vital Statistics—Special Reports, Vol. 25, Nos. 51-53, 1947.

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics. Basic figures are published in annual reports as follows: 1935, Birth, Stillbirth, and Infant Mortality Statistics, and Mortality Statistics; 1940-45, Vital Statistics of the United States.

**No. 85.—DEATH RATES PER 1,000 LIVE BIRTHS, FOR INFANTS UNDER 1 YEAR OF AGE, BY SELECTED CAUSES OF DEATH, FOR BIRTH-REGISTRATION STATES: 1920 TO 1946**

[For coverage of registration areas, see table 63, p. 63]

CAUSE OF DEATH	1920	1925	1930	1935	1939	1940	1941	1942	1943	1944	1945	1946
All causes.....	85.8	71.7	64.6	55.7	48.0	47.0	45.3	40.4	40.4	39.3	38.3	38.8
Scarlet fever.....	.1	.1	.1	.1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Whooping cough.....	3.0	1.8	1.5	1.4	.9	.9	1.0	.6	.8	.5	.5	.3
Diphtheria.....	.5	.3	.2	.1	.1	.1	(1)	(1)	(1)	(1)	(1)	(1)
Erysipelas.....	.4	.3	.3	.3	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Tetanus.....	.1	.1	.1	.1	.1	.1	(1)	(1)	(1)	(1)	.1	.1
Tuberculosis of respiratory system.....	.4	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1
Dysentery.....	.4	.3	.4	.4	.4	.4	.4	.3	.3	.4	.3	.1
Syphilis.....	.9	.7	.8	.7	.6	.5	.4	.3	.3	.3	.3	.1
Measles.....	1.0	.8	.4	.4	.1	.1	.2	.1	.1	.2	(1)	.2
Convulsions.....	1.0	.7	.4	.3	.2	.2	.2	.1	.1	.1	.1	.1
Pneumonia (all forms) and influenza.....	13.8	11.2	10.2	9.2	7.1	7.4	6.7	5.7	5.2	5.6	5.3	3.8
Pneumonia (all forms).....	11.1	9.5	8.9	7.7	6.1	6.3	5.4	5.1	5.4	4.8	4.7	3.5
Influenza.....	2.7	1.8	1.3	1.5	1.0	1.1	1.2	.6	.8	.8	.6	.4
Diseases of stomach.....	1.2	.6	.8	.2	.1	.1	.1	1	.1	.1	.1	.1
Diarrhea, enteritis, ulceration of intestines.....	14.9	11.2	7.8	4.9	4.0	3.5	3.7	2.8	3.0	3.3	3.0	1.7
Congenital malformations.....	5.2	5.2	5.3	4.8	4.6	4.7	4.7	4.9	4.9	5.1	5.0	4.5
Congenital debility <sup>1</sup> .....	4.8	3.5	2.5	2.1	1.2	1.2	1.1	1.0	.9	.9	.8	.5
Premature birth.....	19.4	17.2	16.7	15.4	14.2	13.7	13.3	12.3	11.8	11.9	11.6	12.1
Injury at birth.....	3.7	4.9	4.8	4.5	4.5	4.5	4.3	4.1	3.7	3.6	3.6	3.6

<sup>1</sup> Less than 0.05 per 1,000 births.

<sup>2</sup> Includes icterus and sclerema for 1920-35, inclusive.

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics; 1920-40, Vital Statistics Rates in the United States, 1900-1940. Basic figures are published in annual reports, as follows: 1920-35, Birth, Stillbirth and Infant Mortality Statistics, and Mortality Statistics, 1940-46, Vital Statistics of the United States.

**No. 86.—SELECTED LIFE TABLE VALUES: 1900-1902 TO 1945**

RACE AND PERIOD	AT BIRTH		AGE 20		AGE 45		AGE 65	
	Male	Female	Male	Female	Male	Female	Male	Female
ANNUAL RATE OF MORTALITY PER 1,000 LIVING AT AGE INDICATED								
White:								
1900-1902 <sup>1</sup> .....	133.45	110.61	5.94	5.54	12.63	10.63	41.66	38.41
1909-1911 <sup>1</sup> .....	123.26	102.26	4.89	4.20	12.64	9.91	43.79	37.86
1919-1921 <sup>1</sup> .....	81.11	63.92	4.27	4.33	9.26	8.14	34.99	31.68
1929-1931.....	62.32	49.63	3.18	2.77	9.29	7.02	38.65	31.25
1939-1941.....	48.12	37.89	2.12	1.45	7.66	5.23	36.85	26.43
1945.....	39.8	31.0	(1)	(1)	(1)	(1)	(1)	(1)
Negro: <sup>2</sup>								
1929-1931.....	87.32	72.04	8.58	8.82	22.40	20.18	NA <sup>3</sup>	49.35
1939-1941.....	82.28	65.84	5.44	5.32	18.59	16.02	46.85	40.90
1945 <sup>4</sup> .....	53.3	50.9	(1)	(1)	(1)	(1)	(1)	(1)
AVERAGE FUTURE LIFETIME IN YEARS AT AGE INDICATED								
White:								
1900-1902 <sup>1</sup> .....	48.23	51.08	42.19	43.77	24.21	25.51	11.51	12.25
1909-1911 <sup>1</sup> .....	50.23	53.62	42.71	44.88	23.86	25.45	11.25	11.97
1919-1921 <sup>1</sup> .....	56.34	58.53	45.60	46.46	26.00	26.96	12.21	12.75
1929-1931.....	59.12	62.67	48.52	48.52	27.39	27.39	11.77	12.81
1939-1941.....	62.81	67.29	47.76	51.33	25.87	28.90	12.07	13.55
1945.....	64.4	69.5	48.6	52.9	26.3	30.0	12.4	14.3
Negro: <sup>2</sup>								
1929-1931.....	47.55	49.51	35.95	NA <sup>3</sup>	20.59	21.89	10.87	12.24
1939-1941.....	52.26	55.56	39.52	42.04	21.88	23.89	12.21	13.93
1945 <sup>4</sup> .....	55.1	59.6	41.8	44.7	22.9	25.3	12.2	14.1

<sup>1</sup> For original registration States.

<sup>2</sup> For death-registration States of 1920.

<sup>3</sup> Values prior to 1929 excluded because of doubt as to reliability of mortality statistics for Negroes in earlier periods.

<sup>4</sup> Not available.

<sup>5</sup> Values for this year relate to nonwhite population of which only small proportion are of races other than Negro.

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics; United States Life Tables and Actuarial Tables, 1939-41, and U. S. Abridged Life Tables, 1945.

## No. 87.—LIFE TABLES, BY

REPORTED IN A CONSTANT

AGE	Annual rate of mortality per 1,000 living at age x	Survivor to age x 0 100,000 births				
	1,000q <sub>x</sub>	l <sub>x</sub>				
WHITE MALES						
0.....	48.12	100,000				
1.....	4.87	95,188				
2.....	2.65	94,724				
3.....	1.90	94,474				
4.....	1.53	94,295			95,431	67.38
5.....	1.38	94,150	61.68	1.10	95,309	65.57
10.....	1.00	93,601	57.03	.70	94,890	60.85
15.....	1.43	93,069	52.33	.96	94,534	56.07
20.....	2.12	92,293	47.76	1.45	93,984	51.38
25.....	2.43	91,241	43.28	1.82	93,228	46.78
30.....	2.79	90,092	38.80	2.20	92,320	42.21
35.....	3.63	88,713	34.36	2.78	91,211	37.70
40.....	5.13	86,880	30.03	3.68	89,805	33.25
45.....	7.66	84,285	25.87	5.23	87,920	28.90
50.....	11.55	80,521	21.96	7.62	85,267	24.72
55.....	17.37	75,156	18.34	11.28	81,520	20.73
60.....	25.48	67,787	15.05	17.14	76,200	17.00
65.....	36.85	58,305	12.07	26.43	68,701	13.56
70.....	54.54	46,739	9.42	42.33	58,363	10.50
75.....	83.13	33,404	7.17	68.89	44,685	7.92
80.....	124.71	19,860	5.38	108.19	28,882	5.88
85.....	181.04	9,013	4.02	162.94	14,487	4.34
90.....	248.94	2,812	3.06	231.41	5,061	3.24
95.....	320.76	552	2.40	307.96	1,109	2.47
100.....	389.35	65	1.96	387.39	139	1.95
NEGRO MALES						
0.....	82.28	100,000	52.26	65.84	100,000	55.56
1.....	9.37	91,772	55.93	7.96	93,416	58.46
2.....	4.32	90,912	55.45	3.72	92,672	57.93
3.....	2.69	90,520	54.69	2.48	92,327	57.14
4.....	2.16	90,276	53.83	2.09	92,099	56.28
5.....	1.86	90,082	52.95	1.75	91,906	55.40
10.....	1.38	89,393	48.34	1.04	91,308	50.75
15.....	2.74	88,610	43.74	3.07	90,594	46.13
20.....	5.44	86,968	39.52	5.32	88,736	42.04
25.....	7.33	84,227	35.72	6.27	86,198	38.20
30.....	8.72	80,979	32.05	7.33	83,384	34.40
35.....	10.71	77,221	28.48	9.24	80,092	30.71
40.....	13.62	72,780	25.06	11.81	76,084	27.19
45.....	18.59	67,346	21.88	16.02	71,157	23.89
50.....	25.36	60,495	19.06	21.87	64,885	20.95
55.....	32.48	52,426	16.60	28.58	57,314	18.38
60.....	39.10	43,833	14.37	34.72	48,928	16.10
65.....	46.85	35,371	12.21	40.90	40,504	13.93
70.....	57.99	27,236	10.11	49.12	32,354	11.82
75.....	78.03	19,456	8.17	62.94	24,502	9.81
80.....	107.30	12,186	6.58	81.27	17,039	8.02
85.....	137.83	6,444	5.34	105.29	10,622	6.41
90.....	174.17	2,836	4.23	141.32	5,652	4.96
95.....	230.27	961	3.20	195.17	2,345	3.71
100.....	319.00	209	2.29	272.61	659	2.70
NEGRO FEMALES						
0.....	82.28	100,000	52.26	65.84	100,000	55.56
1.....	9.37	91,772	55.93	7.96	93,416	58.46
2.....	4.32	90,912	55.45	3.72	92,672	57.93
3.....	2.69	90,520	54.69	2.48	92,327	57.14
4.....	2.16	90,276	53.83	2.09	92,099	56.28
5.....	1.86	90,082	52.95	1.75	91,906	55.40
10.....	1.38	89,393	48.34	1.04	91,308	50.75
15.....	2.74	88,610	43.74	3.07	90,594	46.13
20.....	5.44	86,968	39.52	5.32	88,736	42.04
25.....	7.33	84,227	35.72	6.27	86,198	38.20
30.....	8.72	80,979	32.05	7.33	83,384	34.40
35.....	10.71	77,221	28.48	9.24	80,092	30.71
40.....	13.62	72,780	25.06	11.81	76,084	27.19
45.....	18.59	67,346	21.88	16.02	71,157	23.89
50.....	25.36	60,495	19.06	21.87	64,885	20.95
55.....	32.48	52,426	16.60	28.58	57,314	18.38
60.....	39.10	43,833	14.37	34.72	48,928	16.10
65.....	46.85	35,371	12.21	40.90	40,504	13.93
70.....	57.99	27,236	10.11	49.12	32,354	11.82
75.....	78.03	19,456	8.17	62.94	24,502	9.81
80.....	107.30	12,186	6.58	81.27	17,039	8.02
85.....	137.83	6,444	5.34	105.29	10,622	6.41
90.....	174.17	2,836	4.23	141.32	5,652	4.96
95.....	230.27	961	3.20	195.17	2,345	3.71
100.....	319.00	209	2.29	272.61	659	2.70

Based on 1940 census of population and deaths of 1939-41.

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics; United States Life Tables and Actuarial Tables, 1939-41.

VITAL STATISTICS

DISEASE	Total	January	February	March	April	May	June	July	August	September	October	November	December
Chickentpox.....	229,863	22,141	22,293	31,804	30,653	28,807	17,545	7,101	2,626	2,984	10,197	21,936	31,796
Diphtheria.....	16,354	1,882	1,539	1,571	1,219	1,185	971	904	986	1,175	1,663	1,725	1,534
Dysentery, amebic.....	4,093	280	323	291	305	348	396	397	464	319	314	322	332
Dysentery, bacillary.....	1,24,299	1,873	1,738	1,822	1,897	2,895	3,416	2,408	2,123	1,311	1,301	1,911	1,595
Encephalitis, infectious.....	821	52	56	59	56	38	74.	102	103	98	76	47	60
Influenza.....	286,692	136,044	52,555	27,050	9,042	5,388	4,188	3,370	4,900	5,158	8,424	14,050	16,523
Malaria.....	148,610	3,355	3,612	4,120	4,172	4,558	5,858	5,550	6,248	4,237	3,039	2,336	1,442
Measles.....	695,843	28,975	68,674	147,393	172,440	149,499	73,679	22,410	5,081	2,645	5,086	7,952	12,009
Meningitis, meningococcus.....	5,693	1,028	743	786	550	467	395	335	262	249	296	276	306
Mumps.....	161,735	14,660	16,980	26,063	26,908	25,974	15,658	7,941	4,149	2,831	4,430	6,985	9,156
Pellagra.....	3,934	257	305	405	347	383	415	365	358	293	272	284	250
Pneumonia (all forms).....	116,949	18,737	15,602	15,102	10,099	8,562	6,341	5,433	6,344	5,508	6,374	8,162	10,685
Pollomyelitis.....	125,698	215	137	143	152	337	942	3,366	7,762	6,147	3,986	1,718	791
Rocky Mountain spotted fever.....	1,589	1	2	4	24	59	106	160	138	51	15	18	4
Scarlet fever.....	116,042	13,160	14,719	18,201	16,526	14,114	7,096	3,244	2,487	3,266	6,278	7,870	9,081
Septic sore throat.....	9,647	543	778	859	714	724	574	520	728	538	997	1,523	1,149
Smallpox.....	337	30	30	65	53	51	32	15	7	11	13	16	14
Tuberculosis (all forms).....	118,241	9,252	7,980	10,363	9,628	10,476	10,747	10,273	10,559	9,025	9,783	10,189	9,966
Tularemia.....	1,355	103	81	81	54	77	104	113	87	91	66	170	328
Typhoid and paratyphoid fever.....	3,993	198	148	226	289	276	431	540	653	421	337	263	211
Typhus fever (endemic).....	13,365	249	193	165	185	189	352	467	494	371	297	243	155
Undulant fever.....	5,887	381	369	418	428	458	655	544	573	428	567	604	472
Veneral diseases:													
Gonorrhea.....	414,474	-----	-----	98,216	-----	-----	102,399	-----	-----	109,989	-----	-----	103,870
Syphilis.....	384,140	-----	-----	96,282	-----	-----	98,255	-----	-----	97,667	-----	-----	91,936
Whooping cough.....	109,860	8,890	7,644	8,860	8,555	9,679	9,982	10,720	10,491	8,299	7,799	9,290	9,671

<sup>1</sup> The following cases included in the total are not distributed by months: Dysentery (bacillary), 9; malaria, 83; pollomyelitis, 2; Rocky Mountain spotted fever, 7; typhus fever (endemic), 5.  
<sup>2</sup> Includes the numbers of deaths used as cases in those States where the disease is reportable but the number of cases is less than the number of deaths.  
<sup>3</sup> Reports received by quarters only.

Source: Federal Security Agency, U. S. Public Health Service; Supplements to Public Health Reports.

No. 89.—NOTIFIABLE DISEASES—NUMBER OF CASES REPORTED IN A CONSTANT GROUP OF STATES, 1941 to 1946

[States are excluded if they failed to report for any one of the 6 years]

DISEASE	Number of States <sup>1</sup>	1941	1942	1943	1944	1945	1946
Chickenpox.....	49	299,580	303,107	304,203	319,902	286,507	229,863
Diphtheria.....	49	17,987	16,260	14,811	14,150	18,669	16,354
Dysentery, amebic.....	43	3,162	2,707	3,315	3,206	3,214	3,944
Dysentery, bacillary.....	41	18,955	22,762	30,988	37,427	33,452	23,547
Influenza.....	45	677,519	159,769	461,731	477,749	516,158	285,660
Malaria.....	49	68,075	60,071	54,555	57,629	62,763	48,610
Measles.....	49	894,134	547,393	633,627	630,291	146,002	695,843
Meningitis, meningococcus.....	49	2,032	3,826	18,221	16,315	8,190	5,693
Mumps.....	46	198,983	285,740	201,686	177,526	192,824	155,782
Pneumonia (all forms).....	27	117,465	113,242	121,914	103,411	87,241	80,634
Poliomyelitis (infantile paralysis).....	49	9,086	4,033	12,449	19,029	13,619	25,698
Rocky Mountain spotted fever.....	49	516	499	467	470	475	589
Scarlet fever.....	49	128,928	128,194	142,622	192,661	175,398	116,042
Smallpox.....	49	1,396	865	765	397	346	327
Tuberculosis (all forms).....	41	100,317	109,514	108,051	111,423	104,967	106,689
Typhoid and paratyphoid fever.....	49	8,601	6,678	5,540	5,529	4,860	3,993
Typhus fever.....	49	2,787	3,736	4,530	5,401	5,193	3,365
Undulant fever.....	49	3,484	3,228	3,734	4,436	5,049	5,887
Venereal diseases: <sup>2</sup>							
Gonorrhea.....	48	198,890	246,386	293,404	287,947	310,671	408,121
Syphilis.....	48	468,928	532,507	497,388	386,025	339,805	368,659
Whooping cough.....	49	222,202	191,383	191,890	109,873	133,792	109,860

<sup>1</sup> District of Columbia counted as a State.  
<sup>2</sup> In a few States estimates for the year are based on data for 10 or 11 months only.

Source: Federal Security Agency, U. S. Public Health Service; Supplements to Public Health Reports.

No. 90.—HOSPITALS—SUMMARY OF GROWTH: 1909 to 1946

[Covers hospitals and related institutions registered by the American Medical Association. Registration is a basic recognition extended to hospitals and related institutions in accordance with requirements outlined in "Essentials of a Registered Hospital," officially adopted by the House of Delegates of the A. M. A.]

YEAR	TOTAL		FEDERAL		STATE		ALL OTHER	
	Number	Capacity	Number	Capacity	Number	Capacity	Number	Capacity
1909.....	4,359	421,065	71	8,827	232	189,049	4,056	223,189
1914.....	5,037	532,481	93	12,602	294	232,834	4,650	287,045
1918.....	5,323	612,251	110	18,815	303	262,254	4,910	331,182
1923.....	6,830	755,722	220	53,869	601	302,208	6,009	399,645
1928.....	6,852	892,934	294	61,765	595	369,759	5,963	461,410
1931.....	6,613	974,115	291	69,170	576	419,282	5,746	485,663
1932.....	6,562	1,014,354	301	74,151	568	442,601	5,693	497,602
1933.....	6,437	1,027,046	295	75,635	557	459,646	5,585	491,765
1934.....	6,334	1,048,101	313	77,865	544	473,035	5,477	497,201
1935.....	6,246	1,075,139	316	83,353	526	483,994	5,404	507,792
1936.....	6,189	1,096,721	323	84,234	524	503,306	5,342	509,181
1937.....	6,128	1,124,548	329	97,951	522	508,913	5,277	517,684
1938.....	6,166	1,161,380	330	92,248	523	541,279	5,313	527,853
1939.....	6,226	1,195,026	329	96,338	523	560,575	5,374	538,113
1940.....	6,291	1,226,245	336	108,928	521	572,079	5,434	545,238
1941.....	6,358	1,324,381	428	179,202	530	600,320	5,400	544,859
1942.....	6,345	1,383,827	474	220,938	530	606,437	5,341	556,452
1943.....	6,655	1,649,254	827	476,673	531	610,115	5,297	562,466
1944.....	6,611	1,729,945	798	551,135	539	609,025	5,274	569,795
1945.....	6,511	1,738,944	705	546,384	549	619,642	5,257	572,918
1946.....	6,280	1,468,714	464	264,486	557	628,363	5,259	575,865

Source: American Medical Association, Council on Medical Education and Hospitals, Chicago, Ill.; annual report, Hospital Service in the United States.

## No. 91.—HOSPITAL FACILITIES, 1932 TO 1946, AND BY STATES, 1946

[See headnote, table 90]

YEAR AND STATE	NUMBER									
	Hospitals		Beds		Bassinets		Patients admitted		Average census	
	Total	Gov- ern- ment	Total	Gov- ern- ment	Total	Gov- ern- ment	Total	Gov- ern- ment	Total	Gov- ern- ment
<b>TOTAL</b>										
1932.....	6,562	1,904	1,014,354	679,367	52,232	7,660	7,228,151	2,049,533	808,445	610,168
1935.....	6,189	1,724	1,095,721	763,840	54,225	8,642	8,546,885	2,452,859	908,516	696,535
1940.....	6,291	1,767	1,226,243	873,689	61,939	10,559	10,087,548	2,909,004	1,026,171	784,672
1942.....	6,345	1,924	1,383,827	1,015,781	71,448	11,829	12,545,610	4,009,675	1,126,028	858,638
1944.....	6,811	2,202	1,729,945	1,352,278	80,791	15,289	16,036,946	5,545,220	1,299,474	1,016,183
1945.....	6,511	2,183	1,738,944	1,356,718	83,131	16,586	16,257,402	5,399,113	1,405,247	1,114,414
1946.....	6,286	1,962	1,468,714	1,082,734	84,145	15,728	15,153,452	4,596,163	1,239,454	937,932
<b>1946</b>										
Alabama.....	106	34	19,530	15,253	1,094	324	235,240	109,612	15,177	12,327
Arizona.....	62	34	6,728	4,806	497	164	82,279	35,854	4,661	3,406
Arkansas.....	61	12	12,637	9,576	593	68	116,647	28,519	11,289	9,384
California.....	383	124	101,293	80,852	5,057	1,321	1,168,867	530,167	89,206	73,228
Colorado.....	97	24	20,409	13,720	1,221	189	183,658	66,852	15,528	11,157
Connecticut.....	79	23	22,773	14,434	1,330	18	215,447	17,772	19,473	12,815
Delaware.....	16	6	3,734	2,477	230	7	30,123	884	3,120	2,225
Dist. of Col.....	29	12	17,238	14,271	825	229	142,884	52,947	14,669	12,180
Florida.....	115	50	20,310	16,587	1,319	549	247,539	139,967	14,881	12,305
Georgia.....	124	45	29,933	25,515	1,278	554	296,361	148,899	22,731	19,460
Idaho.....	40	9	3,620	2,171	423	76	51,466	9,219	3,006	2,018
Illinois.....	317	81	97,070	70,159	5,308	634	949,465	227,142	85,051	63,035
Indiana.....	139	68	32,572	25,072	2,043	577	339,963	113,270	26,374	22,834
Iowa.....	132	36	21,859	15,306	1,583	206	253,316	48,780	19,620	14,078
Kansas.....	124	41	19,434	14,125	1,318	254	215,525	65,690	14,741	10,618
Kentucky.....	90	21	20,619	15,797	1,079	271	228,318	73,710	15,743	13,067
Louisiana.....	96	22	21,998	17,634	1,153	355	281,636	119,856	17,440	14,150
Maine.....	60	11	8,619	5,831	592	36	79,849	9,700	7,006	4,880
Maryland.....	84	31	29,496	22,210	1,252	324	271,092	129,029	25,600	19,705
Massachusetts.....	226	71	65,541	49,767	3,514	692	509,741	148,135	57,432	45,189
Michigan.....	266	95	65,488	50,430	3,729	628	596,329	181,883	52,433	40,766
Minnesota.....	205	70	32,276	22,736	2,148	444	377,512	78,468	26,000	17,984
Mississippi.....	92	25	12,128	9,291	757	169	158,976	49,143	9,308	7,407
Missouri.....	142	42	34,765	24,137	2,223	402	348,551	89,762	29,432	20,689
Montana.....	56	13	5,600	2,979	614	59	63,264	7,921	4,579	2,513
Nebraska.....	100	19	11,776	7,633	1,019	66	138,815	17,290	10,261	7,051
Nevada.....	15	10	1,329	1,088	148	100	21,567	14,791	1,031	878
New Hampshire.....	39	10	6,181	4,112	487	65	60,894	8,329	5,017	3,668
New Jersey.....	156	61	52,850	39,523	2,999	554	416,130	108,540	46,900	36,879
New Mexico.....	47	21	8,042	4,769	312	71	66,233	22,444	4,468	3,608
New York.....	522	155	203,214	152,541	9,143	1,424	1,580,209	483,129	180,451	138,995
North Carolina.....	164	42	25,333	16,812	1,868	338	370,252	66,320	19,685	13,180
North Dakota.....	46	12	6,383	3,921	559	54	83,788	7,003	5,425	2,516
Ohio.....	238	82	63,511	45,248	3,638	618	691,070	137,916	53,373	38,087
Oklahoma.....	126	44	17,296	13,469	1,118	288	187,204	63,215	14,688	12,040
Oregon.....	74	21	12,582	8,485	896	101	159,362	27,445	10,769	7,558
Pennsylvania.....	351	76	100,907	64,064	6,208	332	971,587	129,753	88,955	69,445
Rhode Island.....	23	7	8,992	6,743	472	24	70,754	19,183	7,908	6,112
South Carolina.....	67	25	13,519	10,632	898	335	182,414	91,444	11,577	9,585
South Dakota.....	55	18	6,394	4,278	537	80	78,142	11,148	5,019	3,310
Tennessee.....	124	37	22,043	16,841	1,249	360	282,776	111,761	18,269	14,306
Texas.....	369	96	59,762	46,862	3,476	766	633,755	334,617	44,436	35,145
Utah.....	38	19	5,016	3,316	623	151	76,319	27,004	3,835	2,691
Vermont.....	29	6	3,974	1,853	282	.....	40,328	3,202	3,573	1,779
Virginia.....	123	39	32,916	26,228	1,566	341	428,838	149,557	27,422	22,428
Washington.....	116	40	30,946	23,956	1,742	280	355,936	133,529	25,391	20,017
West Virginia.....	81	22	13,553	8,195	935	130	191,790	30,576	10,723	6,816
Wisconsin.....	219	89	34,541	23,861	2,357	315	363,862	74,588	30,277	21,471
Wyoming.....	29	12	3,995	2,579	233	113	37,680	23,358	2,592	2,300

Source: American Medical Association, Council on Medical Education and Hospitals, Chicago, Ill.; annual report, Hospital Service in the United States.



No. 92.—PATIENTS IN HOSPITALS FOR MENTAL DISEASE AND IN INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS, UNDER PUBLIC AND PRIVATE CONTROL: 1923 TO 1945

YEAR	PATIENTS IN HOSPITALS FOR MENTAL DISEASE AT BEGINNING OF YEAR					MENTAL DEFECTIVES AND EPILEPTICS IN INSTITUTIONS AT BEGINNING OF YEAR				
	Total		Public hospitals		Private hospitals	Total		Public institutions		Private institutions
	Number of patients	Rate <sup>1</sup>	State	Other <sup>2</sup>		Number of patients	Rate <sup>1</sup>	State	City	
1923.....	267, 617	241. 7	229, 837	28, 549	9, 231	51, 731	46. 7	46, 580	1, 363	3, 788
1928.....	264, 511	( <sup>3</sup> )	264, 511	( <sup>4</sup> )	( <sup>5</sup> )	60, 412	50. 8	60, 412	( <sup>6</sup> )	( <sup>7</sup> )
1929.....	272, 252	( <sup>3</sup> )	272, 252	( <sup>4</sup> )	( <sup>5</sup> )	64, 417	53. 4	64, 417	( <sup>6</sup> )	( <sup>7</sup> )
1930.....	280, 251	( <sup>3</sup> )	280, 251	( <sup>4</sup> )	( <sup>5</sup> )	68, 035	55. 5	68, 035	( <sup>6</sup> )	( <sup>7</sup> )
1931.....	337, 573	273. 0	292, 284	36, 781	8, 558	72, 565	58. 7	72, 565	( <sup>6</sup> )	( <sup>7</sup> )
1932.....	305, 031	( <sup>3</sup> )	305, 031	( <sup>4</sup> )	( <sup>5</sup> )	76, 726	61. 6	76, 726	( <sup>6</sup> )	( <sup>7</sup> )
1933.....	376, 748	300. 9	321, 824	44, 871	10, 053	90, 440	72. 2	84, 131	1, 939	4, 370
1934.....	391, 791	310. 9	332, 094	49, 873	9, 824	93, 438	74. 2	87, 382	1, 603	4, 453
1935.....	403, 895	318. 4	342, 167	51, 789	9, 939	95, 101	75. 0	89, 760	1, 103	4, 238
1936.....	419, 832	328. 7	353, 604	55, 725	10, 503	96, 995	75. 9	91, 754	818	4, 423
1937.....	431, 990	336. 2	364, 563	56, 111	11, 316	98, 765	76. 9	93, 772	538	4, 455
1938.....	444, 989	344. 0	374, 169	59, 774	11, 046	102, 328	79. 1	97, 209	538	4, 581
1939.....	459, 258	352. 2	389, 979	58, 158	11, 121	100, 903	77. 4	95, 996	( <sup>8</sup> )	4, 907
1940.....	<sup>9</sup> 461, 358	<sup>9</sup> 351. 0	<sup>9</sup> 393, 804	<sup>9</sup> 56, 849	10, 705	<sup>9</sup> 102, 292	<sup>9</sup> 77. 8	<sup>9</sup> 98, 228	521	3, 543
1941.....	480, 741	362. 4	409, 055	61, 096	10, 588	<sup>7</sup> 103, 288	<sup>7</sup> 77. 9	<sup>7</sup> 98, 863	523	3, 902
1942.....	<sup>10</sup> 490, 448	<sup>10</sup> 364. 2	<sup>10</sup> 426, 291	52, 143	12, 014	<sup>9</sup> 112, 597	<sup>9</sup> 84. 4	<sup>9</sup> 107, 781	504	5, 312
1943.....	<sup>10</sup> 498, 828	<sup>10</sup> 365. 4	<sup>10</sup> 432, 254	54, 643	11, 931	<sup>10</sup> 112, 449	<sup>10</sup> 82. 4	<sup>10</sup> 106, 112	500	5, 837
1944.....	501, 751	363. 4	432, 375	57, 182	12, 194	<sup>11</sup> 118, 153	<sup>11</sup> 85. 6	<sup>11</sup> 111, 650	472	6, 081
1945.....	<sup>12</sup> 510, 661	365. 8	<sup>12</sup> 433, 763	63, 875	13, 023	<sup>9</sup> 117, 783	84. 4	<sup>9</sup> 111, 550	452	5, 781

<sup>1</sup> Per 100,000 estimated population as of Jan. 1, 1923 to 1941; July 1, 1942 to 1945.  
<sup>2</sup> Covers veterans', county, and city hospitals.  
<sup>3</sup> 3 State hospitals and 1 veterans' hospital did not report.  
<sup>4</sup> 8 institutions did not report.  
<sup>5</sup> 7 institutions did not report.  
<sup>6</sup> Includes estimate for 5 State and 1 veterans' hospital.  
<sup>7</sup> Not computed.  
<sup>8</sup> Data not available.  
<sup>9</sup> 9 institutions did not report.  
<sup>10</sup> 4 institutions did not report.  
<sup>11</sup> 2 institutions did not report.

No. 93.—MOVEMENT OF PATIENT POPULATION IN HOSPITALS FOR MENTAL DISEASE AND IN INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS: 1943, 1944, AND 1945

ITEM	HOSPITALS FOR MENTAL DISEASE				INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS			
	1943 <sup>1</sup>	1944 <sup>1</sup>	1945		1943 <sup>1</sup>	1944 <sup>1</sup>	1945	
			Total <sup>1</sup>	State			Total <sup>1</sup>	Public
Patients on books at beginning of year.....	567, 423	572, 251	581, 096	497, 192	129, 510	135, 933	136, 324	130, 370
In hospitals and institutions.....	498, 828	501, 751	510, 661	433, 763	112, 449	118, 153	117, 783	112, 002
Absent.....	68, 595	70, 500	70, 435	63, 429	17, 061	17, 780	18, 541	18, 368
In family care.....	2, 038	2, 213	2, 309	2, 309	673	670	756	756
On parole or otherwise absent.....	66, 557	68, 287	68, 126	61, 120	16, 388	17, 110	17, 785	17, 612
Admissions during the year.....	167, 783	177, 464	193, 894	115, 849	12, 824	12, 788	13, 234	12, 004
First admissions.....	118, 402	128, 475	141, 718	85, 428	11, 247	11, 256	11, 338	10, 224
Readmissions.....	38, 999	39, 732	44, 235	25, 488	998	913	1, 002	904
Transfers from other hospitals for mental disease or institutions for mental defectives and epileptics.....	10, 382	9, 257	7, 941	4, 935	579	619	894	876
Separations during the year.....	166, 245	173, 267	182, 536	107, 941	11, 443	11, 623	11, 619	10, 469
Discharges.....	108, 095	114, 308	126, 270	61, 902	7, 579	7, 168	7, 304	6, 487
Transfers to other hospitals for mental disease or institutions for mental defectives and epileptics.....	11, 442	10, 163	10, 182	6, 179	843	1, 143	1, 306	1, 150
Deaths in hospitals or institutions.....	45, 962	47, 781	45, 058	39, 026	2, 946	3, 228	2, 886	2, 720
Deaths while on parole.....	746	1, 015	1, 026	834	75	84	123	112
Patients on books at end of year.....	568, 961	576, 448	592, 454	505, 100	130, 891	137, 098	137, 939	131, 905
In hospitals or institutions.....	500, 564	506, 346	518, 018	438, 864	113, 037	118, 534	119, 232	113, 376
Absent.....	68, 397	70, 102	74, 436	66, 236	17, 854	18, 564	18, 707	18, 529
In family care.....	2, 055	2, 164	2, 191	2, 191	635	751	823	823
On parole or otherwise absent.....	66, 342	67, 938	72, 245	64, 045	17, 219	17, 813	17, 884	17, 706

<sup>1</sup> Institutions under Federal, State, private, and local government control. See notes 8 to 12, table 92.  
Source of tables 92 and 93: Department of Commerce, Bureau of the Census; annual report, Patients in Mental Institutions.

**No. 94.—PATIENTS IN HOSPITALS FOR MENTAL DISEASE AND IN INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS, BY STATES: 1945**

DIVISION AND STATE	PATIENTS IN HOSPITALS FOR MENTAL DISEASE <sup>1</sup>				MENTAL DEFECTIVES AND EPILEPTICS IN INSTITUTIONS <sup>1</sup>					
	On books at beginning of year	First admissions during year			On books at beginning of year	First admissions during year				
		Total	Male	Female		Total <sup>2</sup>	Male	Female	Defective	Epileptic
<b>United States</b> .....	591,096	141,718	83,460	58,258	136,524	11,338	6,215	5,123	2,413	1,590
<b>New England</b> .....	49,161	11,380	5,140	5,240	14,300	887	493	394	726	128
Maine.....	3,117	1,139	954	185	1,115	35	20	15	33	—
New Hampshire.....	2,591	527	280	247	791	56	35	21	55	1
Vermont.....	1,801	362	164	198	395	17	9	8	17	—
Massachusetts.....	28,846	5,712	3,101	2,611	7,944	452	253	199	336	103
Rhode Island.....	3,531	797	380	417	1,317	65	27	38	50	5
Connecticut.....	9,285	2,843	1,261	1,582	2,748	262	149	113	235	19
<b>Middle Atlantic</b> .....	155,967	27,864	13,672	14,012	40,846	3,086	1,739	1,346	2,493	413
New York.....	91,135	15,806	7,714	8,132	24,430	1,918	1,114	804	1,655	173
New Jersey.....	21,774	4,987	2,758	2,229	5,867	415	226	189	307	77
Pennsylvania.....	43,058	7,031	3,400	3,631	9,549	733	390	343	531	163
<b>East North Central</b> .....	116,690	25,499	15,117	11,382	35,891	3,423	1,863	1,560	2,867	471
Ohio.....	26,878	5,475	2,727	2,748	9,128	740	397	343	415	298
Indiana.....	11,304	2,891	1,755	1,136	3,958	257	122	135	257	—
Illinois.....	37,342	10,283	6,211	4,072	10,366	1,113	597	516	968	132
Michigan.....	25,305	4,460	2,616	1,844	8,902	938	500	376	679	66
Wisconsin.....	15,861	3,390	1,808	1,582	3,449	376	186	190	367	15
<b>West North Central</b> .....	63,847	11,303	6,521	4,782	15,809	1,332	700	632	1,099	204
Minnesota.....	13,766	3,738	2,248	1,490	3,711	509	316	254	510	51
Iowa.....	11,196	2,160	1,194	966	3,750	203	111	92	160	43
Missouri.....	13,891	2,646	1,204	1,382	2,436	192	90	102	151	41
North Dakota.....	2,158	346	210	136	1,106	67	30	37	46	9
South Dakota.....	1,584	301	168	145	718	62	32	30	55	7
Nebraska.....	5,013	625	368	257	1,847	107	56	51	55	13
Kansas.....	6,240	1,487	1,081	406	2,241	132	66	66	62	40
<b>South Atlantic</b> .....	68,011	17,763	11,333	6,430	8,347	815	418	399	716	75
Delaware.....	1,566	202	106	96	501	41	17	24	41	—
Maryland.....	10,691	3,286	2,138	1,148	1,447	126	60	65	107	18
Dist. of Columbia.....	7,234	2,502	1,779	723	1,137	40	16	24	40	—
Virginia.....	12,972	3,787	2,644	1,143	2,396	293	160	143	250	43
West Virginia.....	4,885	1,143	588	555	108	37	26	11	37	—
North Carolina.....	8,741	1,917	1,089	828	809	67	35	32	67	—
South Carolina.....	5,431	1,156	594	562	1,007	124	69	55	91	9
Georgia.....	10,775	2,873	1,961	1,012	431	65	30	35	65	—
Florida.....	3,096	797	434	363	511	23	13	10	16	5
<b>East South Central</b> .....	31,967	13,104	9,860	3,244	2,304	133	115	78	183	5
Kentucky.....	9,149	3,726	2,735	991	725	72	52	20	72	—
Tennessee.....	8,260	2,767	1,923	834	707	67	36	32	67	—
Alabama.....	8,257	4,472	3,717	755	873	54	28	26	40	5
Mississippi.....	6,241	2,149	1,485	664	—	—	—	—	—	—
<b>West South Central</b> .....	41,453	14,219	9,792	4,427	5,264	494	262	232	349	145
Arkansas.....	7,688	2,622	1,954	668	—	—	—	—	—	—
Louisiana.....	8,150	2,261	1,110	1,151	973	77	37	40	70	7
Oklahoma.....	7,900	2,215	1,196	1,019	1,237	90	44	46	90	—
Texas.....	17,714	7,121	5,532	1,589	4,054	327	181	146	189	138
<b>Mountain</b> .....	15,533	3,610	2,229	1,381	3,383	263	155	98	225	21
Montana.....	2,129	216	147	69	471	31	22	9	21	5
Idaho.....	1,499	191	110	81	610	29	15	14	29	—
Wyoming.....	1,413	442	302	140	474	19	8	11	17	1
Colorado.....	6,013	1,498	890	608	811	78	53	25	65	10
New Mexico.....	1,588	436	210	226	75	14	10	4	14	—
Arizona.....	1,289	439	270	169	—	—	—	—	—	—
Utah.....	1,248	317	157	160	942	84	47	37	75	6
Nevada.....	344	71	53	18	—	—	—	—	—	—
<b>Pacific</b> .....	48,538	13,366	8,596	4,769	9,180	876	452	394	750	66
Washington.....	8,760	2,065	1,264	781	1,434	59	32	27	51	8
Oregon.....	5,509	1,430	910	520	1,181	86	45	41	66	—
California.....	34,219	12,461	6,402	6,059	5,565	731	406	325	613	58

<sup>1</sup> Includes estimates for 6 hospitals; 4 institutions did not report.

<sup>2</sup> Includes 395 persons neither mentally defective nor epileptic.

<sup>3</sup> Includes Morningside hospital in which Federal Government maintains mentally diseased of Alaska.

Source: Department of Commerce, Bureau of the Census; annual report, Patients in Mental Institutions.

No. 95.—FIRST ADMISSIONS TO HOSPITALS FOR MENTAL DISEASE BY MENTAL DISORDER, BY SEX: 1944 AND 1945

MENTAL DISORDER	NUMBER				PERCENT DISTRIBUTION				Ad- mitted to State hos- pitals, 1945
	1944, total	1945 <sup>1</sup>			1944, total	1945			
		Total	Male	Female		Total	Male	Female	
Grand total.....	128,475	141,718	83,460	58,258	100.0	100.0	100.0	100.0	85,426
Total with psychosis.....	111,325	114,535	63,491	51,044	86.7	80.8	76.1	87.6	74,712
General paresis.....	6,605	6,496	4,804	1,692	5.1	4.6	5.8	2.9	5,660
Other forms of syphilis of the C. N. S.....	1,122	1,080	805	275	.9	.8	1.0	.5	796
With epidemic encephalitis.....	241	242	149	93	.2	.2	.2	.2	167
With other infectious diseases.....	344	340	175	165	.3	.2	.2	.3	211
Alcoholic.....	3,873	4,825	4,003	822	3.0	3.4	4.8	1.4	3,201
Due to drugs and other exog- enous poisons.....	1,244	614	291	323	1.0	.4	.8	.6	340
Traumatic.....	585	604	513	91	.5	.4	.6	.2	365
With cerebral arteriosclerosis.....	15,132	15,334	8,590	6,744	11.8	10.8	10.8	11.6	13,379
With other disturbances of circula- tion.....	976	822	486	336	.8	.6	.6	.6	628
With convulsive disorders.....	1,722	1,675	980	695	1.3	1.2	1.2	1.2	1,425
Senile.....	12,771	12,756	5,826	6,930	9.9	9.0	7.0	11.9	10,435
Involutional psychoses.....	5,239	5,757	1,355	4,402	4.1	4.1	1.6	7.6	3,555
Due to other metabolic, etc., diseases.....	1,005	943	396	547	.8	.7	.5	.9	806
Due to new growth.....	198	222	140	82	.2	.2	.2	.1	159
With organic changes of the ner- vous system.....	1,148	1,155	665	490	.9	.8	.8	.8	898
Psychoneuroses.....	5,809	7,235	3,498	3,737	4.5	5.1	4.2	6.4	2,625
Manic-depressive.....	11,811	12,348	4,733	7,615	9.2	8.7	5.7	13.1	7,116
Dementia praecox (schizo- phrenia).....	29,010	29,882	17,884	11,998	22.6	21.1	21.4	20.6	16,613
Paranoia and paranoid con- ditions.....	1,717	2,234	1,286	948	1.3	1.6	1.5	1.6	1,050
With psychopathic personality.....	1,799	1,583	1,215	368	1.4	1.1	1.5	.6	770
With mental deficiency.....	3,758	3,086	1,911	1,175	2.9	2.2	2.3	2.0	2,323
Other, undiagnosed, and un- known.....	5,216	5,302	3,786	1,516	4.1	3.7	4.5	2.6	2,180
Total without psychosis.....	14,192	19,036	14,554	4,482	11.0	13.4	17.4	7.7	7,980
Epilepsy.....	529	656	457	199	.4	.5	.5	.3	377
Mental deficiency.....	1,524	1,484	1,001	483	1.2	1.0	1.2	.8	1,184
Alcoholism.....	4,189	7,273	5,915	1,358	3.3	5.1	7.1	2.3	2,510
Drug addiction.....	829	2,477	1,812	665	.6	1.7	2.2	1.1	352
Personality disorders due to epi- demic encephalitis.....	68	155	114	41	.1	.1	.1	.1	120
Psychopathic personality.....	1,373	1,577	1,269	308	1.1	1.1	1.5	.5	756
Primary behavior disorders.....	580	525	314	211	.5	.4	.4	.4	344
Other, unclassified, and unknown.....	5,100	4,889	3,672	1,217	4.0	3.4	4.4	2.1	2,337
Mental disorder not reported.....	2,958	8,147	5,415	2,732	2.3	5.7	6.5	4.7	2,734

<sup>1</sup> Includes estimates for 6 hospitals.

No. 96.—FIRST ADMISSIONS TO STATE HOSPITALS FOR MENTAL DISEASE—PATIENTS WITH PSYCHOSIS ONLY, BY SEX AND AGE: 1944 AND 1945

AGE	1944			1945 <sup>1</sup>		
	Total	Male	Female	Total	Male	Female
Total.....	74,985	38,460	36,525	74,712	37,651	37,061
Under 15 years.....	357	196	161	383	225	158
15 to 19.....	3,306	1,981	1,325	3,025	1,772	1,253
20 to 24.....	4,924	2,572	2,352	4,837	2,393	2,444
25 to 29.....	5,847	2,715	3,132	5,613	2,431	3,182
30 to 34.....	5,940	2,802	3,138	6,229	2,801	3,428
35 to 39.....	6,179	3,160	3,019	6,467	3,171	3,296
40 to 44.....	5,651	2,892	2,759	5,973	3,144	2,829
45 to 49.....	5,247	2,518	2,729	5,387	2,573	2,814
50 to 54.....	5,007	2,377	2,630	5,004	2,354	2,650
55 to 59.....	4,958	2,640	2,318	4,872	2,564	2,308
60 to 64.....	4,939	2,743	2,196	4,848	2,696	2,150
65 to 69.....	5,103	2,756	2,347	5,276	2,871	2,405
70 and over.....	16,402	8,565	7,837	16,211	8,348	7,863
Age unknown.....	1,125	543	582	587	306	281

<sup>1</sup> Excludes data for 5 hospitals.

Source of tables 95 and 96: Department of Commerce, Bureau of the Census; annual report, Patients in Mental Institutions.

No. 97.—PATIENTS WITH PSYCHOSIS IN STATE HOSPITALS FOR MENTAL DISEASE—  
DISCHARGES, BY PSYCHOSIS: 1944 AND 1945

PSYCHOSIS	1944				1945 <sup>1</sup>			
	Total	Recov- ered	Im- proved	Unim- proved and unclas- sified	Total	Recov- ered	Im- proved	Unim- proved and unclas- sified
Total.....	52,821	15,732	30,272	6,817	51,154	15,850	28,020	7,284
General paresis.....	2,901	391	2,165	345	2,695	476	1,843	376
Other forms of syphilis of the C. N. S.....	498	115	318	65	436	111	251	74
With epidemic encephalitis.....	134	25	72	37	112	22	68	22
With other infectious diseases.....	174	95	63	16	139	73	48	18
Alcoholic.....	3,789	2,045	1,533	211	3,424	1,800	1,244	380
Due to drugs and other exogenous poisons.....	312	182	118	12	333	194	109	30
Traumatic.....	311	71	195	45	280	77	164	39
With cerebral arteriosclerosis.....	3,057	527	2,017	513	2,849	574	1,788	487
With other disturbances of circulation.....	167	39	102	26	194	44	121	29
With convulsive disorders.....	1,192	183	805	204	1,144	222	722	200
Senile.....	1,309	104	797	408	1,288	148	751	389
Involuntional psychoses.....	2,790	1,085	1,482	223	2,940	1,159	1,551	230
Due to other metabolic, etc., diseases.....	471	171	237	63	390	125	187	78
Due to new growth.....	37	3	20	14	40	2	29	9
With organic changes of the nervous system.....	350	49	211	90	351	70	190	91
Psychoneuroses.....	2,909	857	1,727	325	2,994	937	1,581	476
Manic-depressive.....	10,359	5,255	4,413	691	10,320	4,817	4,674	829
Dementia praecox (schizophrenia).....	16,696	3,066	11,124	2,506	16,525	3,607	10,272	2,646
Paranoia and paranoid conditions.....	1,009	178	672	159	965	192	595	178
With psychopathic personality.....	1,108	547	436	125	1,021	532	404	85
With mental deficiency.....	1,774	450	988	336	1,655	423	923	309
Other, undiagnosed, and unknown.....	1,474	294	777	403	1,059	245	505	309

<sup>1</sup> Excludes data for 5 hospitals.

No. 98.—FIRST ADMISSIONS TO INSTITUTIONS FOR MENTAL DEFECTIVES AND  
EPILEPTICS, BY SEX, MENTAL STATUS, AND TYPE OF EPILEPSY: 1945

STATUS AND TYPE	Total <sup>1</sup>	STATE INSTITUTIONS <sup>1</sup>			OTHER INSTITUTIONS		
		Total	Male	Female	Total	Male	Female
Total.....	11,338	10,170	5,573	4,597	1,168	642	526
Defective, total.....	9,413	8,492	4,602	3,890	921	504	417
Idiot.....	1,572	1,420	755	665	152	88	64
Imbecile.....	2,858	2,578	1,364	1,214	280	152	128
Moron.....	4,112	3,711	2,025	1,686	401	219	182
Not reported.....	871	783	458	325	88	45	43
Epileptic, total.....	1,530	1,446	826	620	84	39	45
Symptomatic.....	469	452	276	176	17	7	10
Idiopathic.....	906	877	476	401	29	14	15
Not reported.....	155	117	74	43	38	18	20
Neither defective nor epileptic.....	395	232	145	87	163	99	64

<sup>1</sup> 4 institutions did not report.

Source of tables 97 and 98: Department of Commerce, Bureau of the Census; annual report, Patients in Mental Institutions.

## No. 99.—MARRIAGE AND DIVORCE ESTIMATES: 1867 TO 1946

[Rates per 1,000 population based on estimates by Bureau of Census of midyear population which for war years, 1917-19 and 1940-46, for marriage exclude members of armed forces overseas and for divorce include members of armed forces overseas. Divorce figures include reported annulments]

YEAR	MARRIAGES		DIVORCES		YEAR	MARRIAGES		DIVORCES	
	Number <sup>1</sup>	Per 1,000 population	Number <sup>1</sup>	Per 1,000 population		Number <sup>1</sup>	Per 1,000 population	Number <sup>1</sup>	Per 1,000 population
1867.....	357,000	9.6	9,937	0.3	1907.....	936,936	10.8	76,571	0.9
1868.....	345,000	9.0	10,150	.3	1908.....	857,461	9.7	76,852	.9
1869.....	348,000	8.9	10,939	.3	1909.....	897,354	9.9	79,671	.9
1870.....	352,000	8.8	10,962	.3	1910.....	948,166	10.3	83,045	.9
1871.....	359,000	8.8	11,586	.3	1911.....	955,287	10.2	89,219	1.0
1872.....	378,000	9.0	12,390	.3	1912.....	1,004,602	10.5	94,318	1.0
1873.....	386,000	9.0	13,156	.3	1913.....	1,021,398	10.5	91,307	.9
1874.....	385,000	8.7	13,989	.3	1914.....	1,025,092	10.3	100,584	1.0
1875.....	409,000	9.1	14,212	.3	1915.....	1,007,595	10.0	104,298	1.0
1876.....	405,000	8.8	14,800	.3	1916.....	1,075,775	10.6	114,000	1.1
1877.....	411,000	8.7	15,687	.3	1917.....	1,144,200	11.1	121,564	1.2
1878.....	423,000	8.8	16,089	.3	1918.....	1,000,109	9.7	116,254	1.1
1879.....	438,000	8.9	17,083	.3	1919.....	1,150,186	11.0	141,527	1.3
1880.....	453,000	9.0	19,663	.4	1920.....	1,274,476	12.0	170,505	1.6
1881.....	464,000	9.0	20,762	.4	1921.....	1,163,863	10.7	159,580	1.5
1882.....	484,000	9.2	22,112	.4	1922.....	1,134,151	10.3	148,815	1.4
1883.....	501,000	9.3	23,198	.4	1923.....	1,229,784	11.0	165,096	1.5
1884.....	485,000	8.8	22,994	.4	1924.....	1,184,574	10.4	170,952	1.5
1885.....	507,000	8.9	23,472	.4	1925.....	1,168,334	10.3	175,449	1.5
1886.....	534,000	9.2	25,535	.4	1926.....	1,202,574	10.2	184,678	1.6
1887.....	513,000	8.7	27,919	.5	1927.....	1,201,053	10.1	196,292	1.6
1888.....	535,000	8.8	28,669	.5	1928.....	1,182,497	9.8	200,176	1.7
1889.....	563,000	9.1	31,735	.5	1929.....	1,232,559	10.1	205,876	1.7
1890.....	570,000	9.0	33,461	.5	1930.....	1,126,856	9.2	195,961	1.6
1891.....	592,000	9.2	35,540	.6	1931.....	1,060,914	8.6	188,003	1.5
1892.....	601,000	9.2	36,579	.6	1932.....	981,903	7.9	164,241	1.3
1893.....	601,000	9.0	37,468	.6	1933.....	<sup>2</sup> 1,098,000	8.7	<sup>2</sup> 165,000	1.3
1894.....	588,000	8.6	37,568	.6	1934.....	<sup>2</sup> 1,302,000	10.3	<sup>2</sup> 204,000	1.6
1895.....	620,000	8.9	40,387	.6	1935.....	<sup>2</sup> 1,327,000	10.4	<sup>2</sup> 218,000	1.7
1896.....	635,000	9.0	42,937	.6	1936.....	<sup>2</sup> 1,369,000	10.7	<sup>2</sup> 236,000	1.8
1897.....	643,000	8.9	44,699	.6	1937.....	1,451,296	11.3	249,000	1.9
1898.....	647,000	8.8	47,849	.7	1938.....	1,330,780	10.3	244,000	1.9
1899.....	673,000	9.0	51,437	.7	1939.....	1,403,633	10.7	251,000	1.9
1900.....	709,000	9.3	55,751	.7	1940.....	1,595,879	12.1	264,000	2.0
1901.....	742,000	9.6	60,984	.8	1941.....	1,695,999	12.7	293,000	2.2
1902.....	776,000	9.8	61,480	.8	1942.....	1,772,132	13.2	321,000	2.4
1903.....	818,000	10.1	64,925	.8	1943.....	1,577,050	11.8	359,000	2.6
1904.....	815,000	9.9	66,199	.8	1944.....	1,452,394	11.0	400,000	2.9
1905.....	842,000	10.0	67,976	.8	1945.....	1,603,139	12.1	494,000	3.5
1906.....	895,000	10.5	72,062	.8	1946 <sup>3</sup> .....	2,285,539	16.3	613,000	4.3

<sup>1</sup> Estimates for years 1907-15, 1917-21, and 1937-40, were made by Bureau of Census; 1941-46, by the National Office of Vital Statistics.

<sup>2</sup> Estimates by Samuel A. Stouffer and Lyle M. Spencer, published in American Journal of Sociology, January 1939, pp. 551-554.

<sup>3</sup> Preliminary.

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics; Marriage and Divorce Statistics, United States, 1946.

# No. 100.—MARRIAGES AND DIVORCES—ESTIMATED NUMBER AND RATE PER 1,000 POPULATION, BY STATES: 1940 TO 1946

[By place of occurrence]

DIVISION AND STATE	MARRIAGES						DIVORCES <sup>1</sup>					
	Number			Rate per 1,000 <sup>2</sup>			Number			Rate per 1,000 <sup>2</sup>		
	1940	1945	1946 <sup>3</sup>	1940	1945	1946 <sup>3</sup>	1940	1945	1946 <sup>3</sup>	1940	1945	1946 <sup>3</sup>
United States.....	1,536,879	1,603,139	2,285,539	12.1	12.1	16.3	264,000	494,000	613,000	2.0	3.5	4.3
Subtotal, 32 areas <sup>4</sup> .....	844,381	845,621	1,223,462	18.3	13.2	18.0	142,792	267,794	333,577	2.3	4.2	4.9
<b>New England.....</b>	<b>89,526</b>	<b>79,938</b>	<b>121,920</b>	<b>10.6</b>	<b>9.6</b>	<b>13.6</b>						
Maine.....	10,203	8,173	13,519	12.0	10.1	15.4	1,649	2,523	3,967	1.8	3.2	4.8
New Hampshire.....	6,086	5,859	10,261	12.2	12.6	19.9	726	1,409	2,062	1.5	3.1	4.0
Vermont.....	4,906	3,087	4,096	13.7	9.4	11.6	428	646	1,033	1.2	2.0	2.9
Massachusetts.....	44,836	33,197	57,100	10.4	9.1	12.4	4,616	7,003	10,342	1.1	1.7	2.3
Rhode Island.....	8,172	7,578	10,626	8.6	10.3	14.3	653	1,155	1,631	.9	1.7	2.1
Connecticut.....	17,374	17,044	26,316	10.1	9.6	13.4	1,743	2,614	3,770	1.0	1.6	1.9
<b>Middle Atlantic.....</b>	<b>253,914</b>	<b>235,804</b>	<b>363,618</b>	<b>9.4</b>	<b>9.1</b>	<b>13.0</b>						
New York.....	132,501	120,814	182,606	9.8	9.4	13.3	11,300			.8		
New Jersey.....	41,059	39,711	61,020	9.9	10.2	14.2	3,200	5,640	7,762	.8	1.5	1.8
Pennsylvania.....	80,354	75,779	119,900	8.6	8.1	12.0	9,800			1.0		
<b>East North Central.....</b>	<b>256,847</b>	<b>263,196</b>	<b>412,916</b>	<b>9.6</b>	<b>10.0</b>	<b>14.4</b>						
Ohio.....	83,781	67,524	106,092	12.1	9.8	14.1	17,100	25,740	35,267	2.5	3.8	4.7
Indiana.....	39,900	42,868	66,750	11.6	12.2	17.7	8,400			2.4		
Illinois.....	63,445	79,206	121,715	8.0	10.6	15.2	12,700			1.6		
Michigan.....	44,342	48,329	78,808	8.8	8.6	13.0	12,054	21,133	29,060	2.3	3.8	4.8
Wisconsin.....	23,379	25,269	38,660	7.4	8.6	12.2	2,599	6,393	8,121	1.1	2.3	2.6
<b>West North Central.....</b>	<b>193,272</b>	<b>141,719</b>	<b>214,940</b>	<b>14.3</b>	<b>11.2</b>	<b>16.1</b>						
Minnesota.....	27,600	25,195	38,600	9.8	10.0	13.7	2,964	5,326	7,794	1.1	2.0	2.8
Iowa.....	48,350	21,264	32,329	19.0	8.9	12.7	4,793	7,667	9,758	1.9	3.2	3.8
Missouri.....	71,800	31,660	46,497	19.0	8.9	12.3	12,000			3.2		
North Dakota.....	4,174	3,633	5,531	6.6	7.0	10.3	500	4,748	1,100	.8	1.4	2.0
South Dakota.....	4,138	5,641	8,393	6.4	10.4	15.3	793	1,195	1,547	1.2	2.3	2.8
Nebraska.....	15,977	10,358	14,130	12.2	8.4	11.1	2,085	3,294	4,556	1.6	2.8	3.7
Kansas.....	21,333	42,088	69,460	11.9	24.1	37.3	3,777	7,000	9,000	2.1	4.1	4.9
<b>South Atlantic.....</b>	<b>242,927</b>	<b>270,990</b>	<b>365,979</b>	<b>13.6</b>	<b>14.6</b>	<b>19.2</b>						
Delaware.....	4,825	6,164	8,284	18.1	22.3	28.9	207	498	7,500	.8	1.9	1.8
Maryland.....	39,305	47,529	69,472	21.6	23.6	31.8	3,227	6,711	8,408	1.8	3.5	4.0
District of Columbia.....	7,727	12,013	15,059	11.3	13.7	17.9	1,347	1,842	2,361	2.0	2.2	2.9
Virginia.....	62,680	34,104	46,473	19.6	11.6	15.6	5,299	7,204	9,300	2.0	2.7	3.2
West Virginia.....	8,181	15,236	23,242	4.3	9.0	12.9	2,964			1.6		
North Carolina.....	15,100	24,600	36,972	4.2	7.0	10.2	3,900		10,039	1.1		2.8
South Carolina.....	43,200	48,134	58,519	22.6	23.2	30.7	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )			
Georgia.....	39,200	53,154	78,219	12.5	17.5	25.0	4,500			1.4		
Florida.....	32,709	29,956	29,737	17.1	12.9	12.9	11,186	21,723	26,362	6.9	11.0	11.7
<b>East South Central.....</b>	<b>175,698</b>	<b>153,312</b>	<b>224,584</b>	<b>16.2</b>	<b>14.9</b>	<b>21.1</b>						
Kentucky.....	76,300	51,886	82,569	26.7	20.0	30.1	6,600			2.1		
Tennessee.....	30,700	13,800	21,601	10.5	5.6	7.2	5,600		13,421	1.9		4.6
Alabama.....	34,010	40,765	56,310	12.0	15.0	20.1	4,444	11,296	13,952	1.6	4.3	5.0
Mississippi.....	34,088	44,871	64,124	15.6	21.1	30.6	3,263	6,727	9,438	1.6	3.3	4.6
<b>West South Central.....</b>	<b>196,906</b>	<b>204,828</b>	<b>259,324</b>	<b>14.6</b>	<b>15.7</b>	<b>19.1</b>						
Arkansas.....	43,600	37,062	51,859	22.3	20.0	27.3	5,331	18,862	18,620	2.7	10.6	7.8
Louisiana.....	27,487	33,000	41,061	11.6	13.8	16.3	3,200			1.4		
Oklahoma.....	33,319	26,666	23,792	14.3	12.6	10.7	9,800			4.2		
Texas.....	86,500	108,110	143,092	13.6	16.1	20.6	27,500	49,345	57,112	4.3	7.9	8.4
<b>Mountain.....</b>	<b>111,622</b>	<b>102,441</b>	<b>155,305</b>	<b>26.7</b>	<b>24.8</b>	<b>36.3</b>						
Montana.....	8,700	8,147	12,974	15.6	18.0	27.1	1,700	2,380	3,207	3.0	5.2	6.7
Idaho.....	8,692	4,377	7,394	16.9	8.9	15.7	1,664			3.2		
Wyoming.....	2,935	2,566	3,858	11.8	10.3	14.7	1,000	1,350	1,676	4.1	6.7	6.4
Colorado.....	7,407	12,172	16,230	6.6	11.3	14.3	2,800			2.6		
New Mexico.....	12,170	13,481	18,779	22.6	25.2	35.6	1,200	3,066	3,834	2.2	6.3	7.4
Arizona.....	23,643	19,804	27,003	47.1	34.1	43.4	1,913			3.8		
Utah.....	8,245	7,033	9,781	14.9	11.7	15.4	1,600	2,651	3,433	2.7	4.6	5.5
Nevada.....	39,030	34,861	59,186	355.4	245.5	437.1	5,189	15,000	19,500	47.3	127.6	146.0
<b>Pacific.....</b>	<b>77,367</b>	<b>151,611</b>	<b>168,034</b>	<b>7.9</b>	<b>12.0</b>	<b>12.7</b>						
Washington.....	26,300	38,385	43,736	15.1	17.7	20.3	6,400	11,700	13,900	3.7	5.8	6.6
Oregon.....	5,996	9,764	14,303	5.6	7.4	9.8	3,419	7,949	10,208	3.1	6.1	7.0
California.....	45,069	102,862	107,995	6.5	11.3	11.3	24,200		32,300	3.5		5.6

<sup>1</sup> Includes reported annulments.<sup>2</sup> Based on estimates by Bureau of Census of midyear population, excluding armed forces overseas.<sup>3</sup> For the United States, based on total midyear population, including armed forces overseas; for States, based on civilian midyear population. Population estimates by Bureau of Census.<sup>4</sup> Preliminary.<sup>5</sup> Includes data for areas not shown separately.<sup>6</sup> Data are for 31 States and the District of Columbia for which marriage and divorce reports were received for all years.<sup>7</sup> Estimated.<sup>8</sup> Licenses issued.<sup>9</sup> Under laws of South Carolina no divorces may be granted. Figures for annulments not available.

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics; Marriage and Divorce in the United States, 1937 to 1946, and Marriage and Divorce Statistics, United States, 1946.



### **3. Crime and Criminals**

Criminal justice is administered in the United States for the most part by State and local officers and agencies. The United States Constitution reserves to the States the general police powers and only offenses against the United States Government or those which involve the crossing of State lines or an interference with interstate commerce can be made Federal offenses by act of Congress. Consequently, unless they occur in Federal territories or reservations, or on the high seas, or are committed by members of the armed forces, the usual criminal offenses such as murder, robbery, burglary, theft, assault, and rape are violations of State laws. There are fifty separate and distinct criminal law jurisdictions in the United States, one in each of the forty-eight States, one in the District of Columbia set up by act of Congress, and the Federal jurisdiction. Each of these has its own criminal law and procedure and its own law enforcement agencies. Yet the general system of law enforcement is quite similar from State to State. Of course, there are among the States differences in detail and often substantial differences in the penalties provided for like offenses.

The administration of criminal justice can be divided into three parts. The first covers the activities of the police agencies, namely the investigation of crimes and the apprehension of persons suspected of committing them. This function involves agencies such as municipal police, county police, State police, sheriffs, constables, marshals, Federal agents, and many kinds of special officers. The second phase of the administration of criminal justice is the prosecution of those charged with criminal offenses to determine whether they are in fact guilty. The agencies concerned include the courts, justices of the peace, municipal, State and Federal grand juries, and prosecuting court officers. The third division of criminal administration is concerned with the punishment or treatment of those convicted of crime. While the courts usually determine the sentence after conviction, the administration of the penalty is carried out by prison, reformatory, jail, probation and parole officials.

Nearly all statistical data on crime and criminals are derived from the records and reports of the various agencies engaged in the administration of criminal law. Police statistics present the number of offenses reported, the number of persons arrested, and the offenses cleared by arrest. Arrest records provide data concerning sex, age, race, and other characteristics of the persons arrested and charged with crime. As the police agencies are largely local, a real problem is involved in collecting statistical data from the large number of such agencies. The Federal Bureau of Investigation obtains reports from police agencies and publishes information for the country as a whole in its semi-annual bulletin, Uniform Crime Reports. The great majority of urban communities are now reporting to the Federal Bureau and the reports received cover more than half of the population of the United States. Information concerning offenses known to the police and the sex and age of persons arrested are shown by offense. Tables 101-105 are taken from Uniform Crime Reports. No centralized information is available on the police activities of the Federal agencies. Some information concerning the work of each Federal agency will be found in its respective annual report.

Court statistics for the country as a whole showing the number of persons prosecuted for criminal offenses and the outcome of the prosecutions are quite incomplete. In many States, an annual or biennial publication presents data on the criminal cases disposed of in the trial courts. This information may be published by the State Judicial Council or the Attorney General or some other State agency. The only national compilation of such information was that made by the Bureau of the Census which annually

published statistical data on criminal cases disposed of in the general trial courts of from sixteen to thirty States including the District of Columbia. No national collection is now made. Comprehensive information is collected on the work of the Federal courts by the Administrative Office of the United States Courts. Tables 106 and 108 are prepared from the data published by that office.

Statistics of prisoners committed to penal institutions have been collected and published for a longer period of time than have other criminal statistics. Nearly every State publishes annual data either for the whole prison system or for each separate State institution. A national compilation of data on prisoners in Federal and State prisons and reformatories is made annually by the Bureau of the Census. Statistical information covering persons received and discharged from State prisons and reformatories in forty-six of the forty-eight States and from the District of Columbia and Federal prison systems is published annually in a comprehensive report. Tables 110-114 present data from these reports. The Federal Bureau of Prisons, in its annual report, Federal Prisons, provides as complete statistical information on prisoners as has been issued in this country. Tables 107 and 109 are from this source.

Information concerning juvenile delinquents and juvenile delinquency and the operation of many juvenile courts is collected and published by the United States Children's Bureau, Department of Labor.

Information on the prosecution and disposition of persons charged with misdemeanors and other minor offenses in the justice of the peace and municipal courts of the country is not compiled at the present time. Statistical data on such prosecutions may be found for some of the larger cities in the annual reports of the municipal court or of the municipal government. Likewise, there is no general compilation of statistical data on persons confined to county jails and local workhouses. The Bureau of the Census made a survey of jail prisoners for the calendar year 1933 and some information on incarcerated prisoners was published in connection with the 1940 decennial census but there is at present no regular compilation covering this field.

No. 101.—OFFENSES KNOWN TO THE POLICE IN 220 CITIES OF 25,000 AND OVER:  
1931 TO 1944

[Total population of cities covered was 27,806,541 based on 1940 census]

YEAR	CRIMINAL HOMICIDE		Rape	Robbery	Aggravated assault	Burglary—breaking or entering	Larceny— theft (except auto theft)	Auto theft
	Murder, nonnegligent manslaughter	Manslaughter by negligence						
1931.....	2,035	1,709	1,649	26,937	13,857	103,476	216,754	119,052
1932.....	1,966	1,342	1,664	25,507	12,314	109,975	224,984	100,604
1933.....	2,022	1,406	1,631	23,288	14,087	107,574	239,543	90,806
1934.....	1,942	1,182	1,781	20,767	14,147	106,257	242,737	88,420
1935.....	1,743	1,271	1,932	17,525	13,534	98,524	237,563	76,336
1936.....	1,731	1,250	2,065	16,110	14,563	88,579	225,694	66,973
1937.....	1,761	1,432	2,340	18,860	13,860	95,415	250,767	69,227
1938.....	1,567	1,021	2,293	17,310	13,614	94,396	260,566	58,490
1939.....	1,632	1,020	2,479	15,925	13,250	97,287	273,216	56,102
1940.....	1,563	1,202	2,603	15,959	13,501	100,329	283,143	56,560
1941.....	1,685	1,373	2,823	15,327	15,392	97,204	281,850	61,051
1942.....	1,813	1,309	2,975	15,088	18,194	87,266	273,181	56,462
1943.....	1,608	1,164	3,424	15,234	17,209	91,697	248,301	64,107
1944.....	1,651	1,185	3,477	14,101	19,077	91,675	240,736	68,009

Source: Department of Justice, Federal Bureau of Investigation; semiannual bulletin, Uniform Crime Reports for the United States and Its Possessions.

## No. 102.—OFFENSES KNOWN TO THE POLICE—ANNUAL TRENDS, BY POPULATION GROUPS: 1945 AND 1946

[Population figures based on 1940 census]

POPULATION GROUP	Total	CRIMINAL HOMICIDE		Rape	Robbery	Aggravated assault	Burglary—breaking or entering	Larceny— theft (except auto theft)	Auto theft
		Murder, nonnegligent manslaughter	Manslaughter by negligence						
<b>Total, 2,010 cities; total population, 65,746,225:</b>									
1945.....	987,209	3,627	2,919	7,620	36,102	39,851	213,054	523,719	160,317
1946.....	1,059,869	4,253	3,105	7,964	41,718	44,387	237,216	568,696	152,530
Percent change.....	+7.4	+17.3	+6.4	+4.5	+15.6	+11.4	+11.3	+8.6	-4.9
<b>36 cities over 250,000; population, 29,894,166:</b>									
1945.....	430,777	1,933	1,578	4,366	23,148	19,349	95,601	205,035	79,677
1946.....	454,254	2,291	1,713	4,612	26,164	22,915	103,266	218,141	75,152
Percent change.....	+5.4	+18.5	+8.6	+5.6	+13.0	+18.4	+7.9	+6.4	-5.7
<b>54 cities, 100,000 to 250,000; population, 7,898,956:</b>									
1945.....	149,948	538	446	994	4,627	5,703	34,064	79,270	24,306
1946.....	161,651	612	444	954	5,676	5,426	39,091	86,605	22,843
Percent change.....	+7.8	+13.8	-0.4	-4.0	+22.7	-4.9	+14.8	+9.3	-6.0
<b>105 cities, 50,000 to 100,000; population, 7,225,754:</b>									
1945.....	125,406	418	315	624	2,851	5,707	27,037	70,810	17,644
1946.....	134,886	431	291	666	3,595	6,174	29,949	76,818	16,962
Percent change.....	+7.6	+3.1	-7.6	+6.7	+26.1	+8.2	+10.8	+8.5	-3.9
<b>206 cities, 25,000 to 50,000; population, 7,130,431:</b>									
1945.....	112,016	282	285	534	2,145	4,337	22,364	67,372	14,697
1946.....	123,064	328	317	561	2,466	4,584	25,428	74,993	14,387
Percent change.....	+9.9	+16.3	+11.2	+5.1	+15.0	+5.7	+13.7	+11.3	-2.1
<b>538 cities, 10,000 to 25,000; population, 8,134,464:</b>									
1945.....	110,286	257	182	648	2,050	2,733	21,341	67,823	15,252
1946.....	118,280	377	210	667	2,348	3,197	24,342	72,777	14,362
Percent change.....	+7.2	+46.7	+15.4	+2.9	+14.5	+17.0	+14.1	+7.3	-5.8
<b>1,071 cities under 10,000; population, 5,762,454:</b>									
1945.....	58,776	199	113	454	1,281	2,022	12,557	33,409	8,741
1946.....	67,734	214	130	504	1,469	2,091	15,140	39,362	8,824
Percent change.....	+15.2	+7.5	+15.0	+11.0	+14.7	+3.4	+20.6	+17.8	+0.9

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, Uniform Crime Reports for the United States and Its Possessions.

No. 108.—CRIME RATES—OFFENSES KNOWN TO THE POLICE IN URBAN COMMUNITIES,  
BY CLASS, BY STATES: 1946

[Based on monthly crime reports received from 2,262 urban communities representing a combined 1940 population of 67,262,382, except for burglary and larceny which are based on reports from 2,260 urban communities with combined population of 57,876,053]

[Rate per 100,000 population]

DIVISION AND STATE	Murder, nonnegli- gent man- slaughter	Robbery	Aggra- vated assault	Burglary— breaking or entering	Larceny— theft (ex- cept auto theft)	Auto theft
United States.....	6.49	62.8	67.5	399.6	968.2	229.9
New England.....	1.56	20.2	13.8	286.5	583.8	160.7
Maine.....	.93	21.1	12.7	272.2	700.1	151.8
New Hampshire.....	1.22	3.2	2.4	158.4	428.6	70.9
Vermont.....	.....	4.2	2.8	172.5	840.5	146.1
Massachusetts.....	1.57	19.9	11.0	261.3	500.2	170.5
Rhode Island.....	1.13	27.7	21.2	366.7	726.8	166.9
Connecticut.....	2.14	21.6	22.1	360.8	750.4	150.0
Middle Atlantic.....	3.62	28.9	35.2	253.1	471.9	163.6
New York.....	3.63	20.1	33.3	216.1	545.7	168.2
New Jersey.....	2.39	39.1	51.2	319.3	514.0	175.5
Pennsylvania.....	4.23	41.0	30.7	237.4	366.2	149.5
East North Central.....	5.00	72.0	54.9	353.3	881.4	174.2
Ohio.....	5.91	68.2	45.7	397.3	977.8	200.2
Indiana.....	5.23	58.3	56.1	439.3	1,008.1	250.5
Illinois.....	5.58	87.2	46.5	294.4	540.6	114.6
Michigan.....	4.63	89.6	101.8	441.5	1,250.7	212.5
Wisconsin.....	1.00	8.6	10.0	154.8	862.8	133.1
West North Central.....	4.82	41.0	45.4	295.7	898.9	180.8
Minnesota.....	1.41	22.9	10.1	215.3	664.8	135.1
Iowa.....	3.73	20.6	12.2	294.3	812.9	165.8
Missouri.....	9.26	76.1	111.8	317.7	797.0	206.5
North Dakota.....	.....	30.5	5.7	150.4	1,006.0	155.1
South Dakota.....	.....	7.6	6.9	189.9	779.6	133.7
Nebraska.....	4.61	29.6	30.3	298.9	944.4	245.5
Kansas.....	3.91	33.6	20.1	442.5	1,001.3	196.0
South Atlantic <sup>1</sup> .....	15.91	79.9	197.5	486.8	1,106.7	299.0
Delaware.....	9.82	85.1	11.5	473.7	1,310.6	311.7
Maryland.....	10.12	70.5	145.2	251.5	563.8	305.3
Virginia.....	16.84	109.3	229.5	575.2	1,426.6	329.2
West Virginia.....	6.21	56.4	63.5	353.6	786.4	194.9
North Carolina.....	18.60	49.7	525.3	482.6	1,069.6	263.2
South Carolina.....	18.53	46.7	154.2	424.5	1,354.9	306.7
Georgia.....	25.35	75.8	131.2	452.2	1,232.8	313.6
Florida.....	16.69	110.5	166.4	853.7	1,581.7	332.9
East South Central.....	19.48	95.4	180.4	508.3	876.7	318.3
Kentucky.....	14.41	142.5	153.7	593.0	1,028.2	357.9
Tennessee.....	21.18	100.8	123.0	425.1	767.7	363.4
Alabama.....	24.42	62.1	269.2	577.4	854.5	275.2
Mississippi.....	15.40	45.9	212.3	407.2	895.1	194.6
West South Central.....	15.96	62.2	108.6	554.4	1,335.4	284.0
Arkansas.....	17.89	90.2	153.5	457.6	958.4	244.8
Louisiana.....	14.45	59.3	110.9	273.9	567.7	207.5
Oklahoma.....	6.80	61.3	41.2	542.4	1,351.9	251.1
Texas.....	19.18	60.1	123.2	679.6	1,676.6	329.1
Mountain.....	5.62	77.1	46.1	581.6	1,761.6	326.1
Montana.....	3.61	39.1	37.9	354.3	1,544.9	229.3
Idaho.....	3.42	30.1	8.9	506.8	1,781.8	335.3
Wyoming.....	5.41	87.9	21.6	415.1	1,736.1	243.4
Colorado.....	6.77	89.3	33.9	667.6	1,401.4	243.2
New Mexico.....	5.91	43.9	119.1	327.7	1,352.9	337.8
Arizona.....	8.14	134.4	120.8	771.0	2,696.5	554.5
Utah.....	3.82	52.4	27.1	520.0	2,052.0	357.1
Nevada.....	7.18	211.7	59.2	1,137.6	3,050.5	593.9
Pacific.....	5.93	172.8	85.7	697.7	2,007.5	541.2
Washington.....	5.37	119.6	31.5	749.3	1,902.9	620.6
Oregon.....	4.74	122.6	54.4	817.4	1,902.9	450.3
California.....	6.15	187.8	99.0	676.0	2,037.6	535.6

<sup>1</sup> Includes District of Columbia.

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, Uniform Crime Reports for the United States and Its Possessions.

No. 104.—OFFENSES KNOWN, OFFENSES CLEARED BY ARREST, AND PERSONS FOUND GUILTY IN 173 CITIES OF 25,000 AND OVER: 1946

[Total population of cities covered was 18,282,145, based on 1940 census. Data are from reports in which it appeared that entries for persons found guilty represented final disposition of charges placed against persons arrested, as distinguished from disposition at the preliminary hearing of the accused]

OFFENSE	NUMBER OF OFFENSES—		Number of persons charged (held for prosecution)	PERSONS FOUND GUILTY—			
	Known to police	Cleared by arrest		Total		Of offense charged	Of lesser offense
				Number	Percent of persons charged		
Total (part I classes).....	342,704	93,361	62,777	47,218	75.2	40,347	6,871
Criminal homicide:							
Murder and nonnegligent manslaughter.....	1,119	972	957	560	58.5	433	127
Manslaughter by negligence.....	821	656	652	281	43.1	196	85
Rape.....	2,876	1,979	1,720	985	57.3	719	266
Robbery.....	15,610	5,671	4,411	3,327	75.4	2,536	791
Aggravated assault.....	13,859	10,372	8,549	5,453	63.8	3,951	1,502
Burglary—breaking or entering.....	78,242	22,884	11,924	9,601	80.5	7,859	1,742
Larceny—theft (except auto theft).....	189,099	39,781	26,955	21,351	79.2	19,806	1,485
Auto theft.....	41,078	11,046	7,609	5,660	74.4	4,787	873
Total (part II classes) <sup>1</sup> .....	(2)	(2)	3,579,406	2,969,689	83.0	2,954,656	15,033
Other assaults.....	(2)	(2)	33,609	19,900	59.2	19,245	655
Forgery and counterfeiting.....	(2)	(2)	1,809	1,375	76.0	1,213	162
Embezzlement and fraud.....	(2)	(2)	4,214	2,671	63.4	2,375	296
Stolen property; buying, receiving, etc.....	(2)	(2)	1,894	1,112	58.7	1,042	70
Weapons; carrying, possessing, etc.....	(2)	(2)	6,978	5,502	78.8	5,279	223
Sex offenses (including prostitution and commercialized vice).....	(2)	(2)	20,304	15,712	77.4	15,200	512
Offenses against the family and children.....	(2)	(2)	14,285	8,102	56.7	7,829	273
Narcotic drug laws.....	(2)	(2)	1,037	709	68.4	686	23
Liquor laws.....	(2)	(2)	9,670	8,165	84.4	8,040	125
Drunkenness; disorderly conduct and vagrancy <sup>2</sup> .....	(2)	(2)	465,472	377,851	81.2	376,144	1,707
Gambling.....	(2)	(2)	34,772	27,495	79.1	27,327	168
Driving while intoxicated.....	(2)	(2)	19,601	17,344	88.5	15,585	1,759
Traffic and motor vehicle laws <sup>4</sup> .....	(2)	(2)	2,905,614	2,441,458	84.0	2,433,449	8,029
All other offenses.....	(2)	(2)	60,149	42,273	70.3	41,242	1,031

<sup>1</sup> See footnotes 3 and 4.  
<sup>2</sup> Not available.  
<sup>3</sup> Based on reports of 172 cities with a total population of 18,249,813.  
<sup>4</sup> Based on reports of 168 cities with a total population of 16,281,620.

Source: Department of Justice, Federal Bureau of Investigation; semiannual bulletin, Uniform Crime Reports for the United States and Its Possessions.

No. 105.—ARRESTS BY AGE GROUPS: 1946

[Data from arrest records, evidenced by fingerprint cards received at F. B. I. during year, are limited to instances of arrests for violations of State laws and municipal ordinances. Excludes fingerprint cards representing arrests for violations of Federal laws or representing commitments to any type of penal institution. Data do not represent all persons arrested, as fingerprint cards are not forwarded to Washington for every individual taken into custody. Arrest records in lower age groups probably incomplete because of practice of some jurisdictions not to fingerprint youthful offenders.]

OFFENSE CHARGED	Total, all ages	AGE													50 and over	Not known			
		Un- der 15	15	16	17	18	19	20	21	22	23	24	25-29	30-34			35-39	40-44	45-49
Total	645,431	3,953	4,202	11,461	18,217	23,417	22,998	24,538	30,139	29,035	27,535	25,438	103,725	83,965	74,259	53,713	49,873	53,773	1,425
Criminal homicide	6,480	31	38	82	105	155	192	205	200	268	270	265	1,137	964	824	522	438	527	27
Robbery	18,980	60	114	495	794	1,319	1,326	1,258	1,422	1,320	1,164	1,036	3,675	2,168	1,311	739	402	301	36
Assault	51,283	62	92	375	709	1,202	1,365	1,681	2,237	2,254	2,305	2,199	9,624	6,084	4,830	4,674	2,225	4,088	74
Burglary—breaking or entering	85,003	1,185	955	2,493	2,902	2,808	2,161	1,928	1,894	1,781	1,653	1,364	4,953	3,265	2,200	1,490	1,889	3,677	65
Larceny—theft (except auto theft)	56,718	837	684	1,883	2,947	3,400	2,923	2,807	2,985	2,810	2,554	2,267	8,669	6,260	5,227	3,966	2,847	2,553	99
Auto theft	20,452	350	570	1,567	1,948	2,325	1,907	1,683	1,641	1,266	1,118	909	2,764	1,183	665	380	140	101	28
Embezzlement and fraud	12,787	13	22	67	161	245	314	306	413	483	498	481	2,330	2,068	1,772	1,370	1,022	1,283	29
Stolen property; buying, receiving, etc	3,196	12	13	51	107	136	121	130	112	117	128	133	492	459	396	263	206	307	8
Arson	709	6	5	23	31	24	20	16	20	25	25	17	92	98	73	71	58	82	5
Forgery and counterfeiting	5,367	26	30	96	203	285	276	266	325	327	330	269	1,169	912	644	642	353	356	6
Rape	8,308	31	43	311	354	400	502	513	587	461	478	479	1,535	919	698	382	286	418	12
Prostitution and commercialized vice	10,251	3	8	41	117	268	379	376	623	714	695	590	2,185	1,434	1,122	700	423	451	21
Other sex offenses	10,256	31	33	133	242	520	532	647	833	873	781	736	3,013	2,306	1,774	1,271	916	1,574	22
Narcotic drug laws	2,807	1	2	9	35	63	103	106	131	141	126	126	520	400	316	272	202	311	3
Weapons, carrying, possessing, etc	12,063	14	29	249	403	480	509	574	712	626	630	576	2,271	1,590	1,207	828	549	699	15
Offenses against family and chil- dren	11,327	1	2	8	34	70	127	200	302	354	408	438	2,616	2,518	1,846	1,162	703	514	14
Liquor laws	7,068	5	12	30	71	130	149	187	328	306	224	219	1,130	1,080	1,019	1,785	629	947	25
Driving while intoxicated	30,900	4	11	41	110	262	445	787	1,181	1,211	1,205	1,196	5,356	4,806	4,465	3,786	2,880	3,394	51
Road and driving laws	6,544	1	7	59	146	262	305	396	497	441	402	362	1,268	879	597	379	239	315	14
Parking violations	81			2	2		2	1	3	4	1	4	10	13	14	5	8	11	1
Other traffic and motor vehicle laws	5,742	4	14	55	139	244	286	310	373	330	323	301	1,091	757	679	353	265	332	16
Disorderly conduct	44,200	68	114	361	690	1,369	1,650	1,935	2,509	2,454	2,263	1,991	7,802	5,894	4,902	3,623	2,610	2,691	66
Drunkenness	150,768	28	64	237	723	1,405	2,122	2,848	4,385	4,368	4,415	4,235	19,742	20,118	22,546	21,083	17,133	24,779	397
Vagrancy	36,951	66	118	658	1,268	1,923	1,701	1,678	1,945	1,674	1,782	1,479	6,466	4,073	3,624	3,172	2,379	3,724	164
Gambling	12,964	10	11	43	73	133	124	155	271	268	321	359	1,936	2,375	2,143	1,714	1,343	1,529	26
Suspicion	42,971	382	433	982	2,170	2,167	1,943	2,093	2,408	2,335	2,065	2,011	7,335	6,082	4,035	2,854	2,044	2,534	122
Not stated	4,570	6	16	45	90	158	135	166	206	209	198	169	736	654	607	406	331	426	28
All other offenses	29,484	716	757	1,288	1,476	1,435	1,360	1,341	1,551	1,376	1,216	1,108	4,800	3,535	2,853	1,917	1,267	1,894	63

Source: Department of Justice, Federal Bureau of Investigation, annual bulletin, Uniform Crime Reports for the United States and Its Possessions.

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**No. 106.—CRIMINAL PROCEEDINGS COMMENCED IN THE U. S. DISTRICT COURTS, BY MAJOR OFFENSE GROUPS: YEARS ENDING JUNE 30, 1945, 1946, AND 1947**

[Figures for defendants smaller in some instances than corresponding figures for cases, because defendants appearing in more than one case have been counted only once]

NATURE OF PROCEEDING AND OFFENSE	1945		1946		1947	
	Cases	Defendants	Cases	Defendants	Cases	Defendants
<b>Total</b> .....	<b>39,429</b>	<b>45,402</b>	<b>33,203</b>	<b>39,391</b>	<b>33,652</b>	<b>39,692</b>
<b>Proceeding commenced by:</b>						
Indictment.....	25,652	30,367	20,307	25,012	16,297	20,302
Information—indictment waived.....			1,346	1,489	6,726	7,436
Information—other.....	13,642	14,640	11,383	12,662	10,498	11,816
All other proceedings.....	135	395	167	228	131	138
<b>Offense:</b>						
National Motor Vehicle Theft Act.....	1,281	1,566	2,386	2,990	3,286	4,012
Larceny, fraud and other theft <sup>1</sup> .....	6,930	7,885	6,602	7,702	7,462	8,666
White slave traffic.....	283	296	217	219	249	287
May Act.....	442	442	87	98	35	33
Narcotics.....	1,298	1,450	1,492	1,662	1,811	2,078
Liquor, Internal Revenue.....	5,185	7,814	3,465	4,571	3,079	4,911
Other liquor.....	767	824	698	747	609	691
Antitrust violations.....	9	342	15	213	11	121
Food and Drug Act.....	306	380	413	587	467	756
Immigration laws.....	5,855	5,858	5,357	5,432	7,043	7,056
Impersonation of Federal officer.....	427	414	264	248	208	203
Juvenile Delinquency Act.....	1,848	2,131	1,966	2,398	1,277	1,558
Migratory bird laws.....	361	417	458	508	621	685
Motor Carrier Act.....	261	289	138	159	383	441
<b>War offenses:</b>						
Selective Service Act.....	4,358	4,301	2,181	2,157	1,196	1,188
OPA rationing and price control.....	4,773	5,555	2,537	3,498	1,465	2,040
Illegal use of uniform.....	769	740	656	641	342	329
Other war offenses <sup>2</sup> .....	362	585	107	170	52	70
All other U. S. offenses.....	1,967	2,261	1,959	2,286	1,898	2,409
<b>Offenses: local,<sup>3</sup> on U. S. reservations and high seas:</b>						
Robbery.....	160	176	247	264	266	236
Assault.....	286	300	291	280	275	294
Burglary.....	302	231	389	349	433	381
Larceny.....	472	470	458	499	399	419
Rape and other sex offenses.....	112	107	93	91	124	126
All other local, etc., offenses.....	615	568	727	722	661	702

<sup>1</sup> Includes burglary, embezzlement, forgery, and violations of Car Seal Act and National Stolen Property Act.

<sup>2</sup> Includes treason, misprision of treason, espionage, sabotage, sedition, and other offenses directly associated with the war.

<sup>3</sup> District of Columbia and territories (except Puerto Rico and Hawaii).

Source: Administrative Office of the U. S. Courts, Annual Report of the Director.

**No. 107.—SENTENCED FEDERAL PRISONERS RECEIVED FROM COURTS BY OFFENSE: YEARS ENDING JUNE 30, 1935 TO 1947**

OFFENSE	1935	1940	1942	1943	1944	1945	1946	1947
<b>Grand total</b> .....	<b>23,489</b>	<b>23,003</b>	<b>20,027</b>	<b>16,630</b>	<b>19,216</b>	<b>21,200</b>	<b>20,112</b>	<b>19,626</b>
<b>War-related offenses, total</b> .....	<b>25</b>	<b>56</b>	<b>2,061</b>	<b>4,777</b>	<b>6,602</b>	<b>6,588</b>	<b>4,805</b>	<b>3,475</b>
Selective Service Act.....	( <sup>1</sup> )	( <sup>1</sup> )	1,049	3,145	3,930	2,613	1,446	833
Other national-defense laws.....	( <sup>2</sup> )	11	751	1,121	1,710	2,150	1,143	578
Military court-martial cases.....	25	45	261	511	962	1,825	2,216	2,064
<b>Other Federal offenses, total</b> .....	<b>23,464</b>	<b>22,947</b>	<b>17,966</b>	<b>11,853</b>	<b>12,614</b>	<b>14,612</b>	<b>15,307</b>	<b>16,151</b>
Counterfeiting and forgery.....	1,848	1,589	824	522	536	673	891	1,083
Embezzlement and fraud.....	483	750	733	473	452	340	350	396
Immigration laws.....	2,509	2,270	1,428	1,466	2,674	3,996	3,629	3,989
Juvenile delinquency <sup>3</sup> .....		216	478	488	834	911	1,221	870
Kidnaping.....	38	37	25	42	31	20	21	32
Liquor laws.....	12,036	10,735	8,155	3,502	2,635	2,968	2,425	1,996
National Bank and Federal Reserve Act.....	129	157	110	74	67	51	69	50
Narcotic drug laws.....	2,115	2,250	1,522	1,241	1,306	1,134	1,261	1,447
National Motor Vehicle Theft Act.....	1,252	1,512	1,623	1,150	1,079	1,072	1,997	2,740
Theft from interstate commerce.....	333	313	178	216	362	475	448	524
White Slave Traffic Act.....	150	378	359	376	255	209	157	183
Government reservation, D. C., high seas, territorial cases.....	700	1,021	1,112	933	991	986	873	974
Other.....	1,871	1,719	1,419	1,370	1,392	1,757	1,965	1,867

<sup>1</sup> Not in effect prior to fiscal year 1941.

<sup>2</sup> Commitments under national-defense laws in effect prior to 1940 not classified separately.

<sup>3</sup> Offenses committed by persons 17 years of age or under upon which action was taken under Federal Juvenile Delinquency Act of 1938.

Source: Department of Justice, Bureau of Prisons; annual report, Federal Prisons, 1947.

**No. 108.—CRIMINAL DEFENDANTS DISPOSED OF IN THE 84 U. S. DISTRICT COURTS,  
BY MAJOR OFFENSE GROUPS: YEAR ENDING JUNE 30, 1947**

[Excludes district courts in D. C., the Territories and possessions]

NATURE OF OFFENSE	TOTAL	NOT CONVICTED			CONVICTED AND SENTENCED			TYPE OF SENTENCE		
		Total	Dis- missed	Acquit- ted	Total	Pleas of guilty or nolo	Con- victed	Im- prison- ment	Probation and sus- pended sen- tence	Fine only
Total (excl. Juvenile Delinquency Act) <sup>1</sup>	34,435	5,537	4,482	1,075	31,108	29,138	1,970	14,375	12,612	4,121
National Motor Vehicle Theft Act	3,868	285	241	44	3,571	3,442	129	2,513	1,049	9
Larceny, fraud and other theft <sup>2</sup>	7,878	1,012	785	227	6,863	6,458	405	3,093	1,199	640
White slave traffic	268	49	34	15	209	164	55	169	37	3
May Act	34	-	-	-	34	-	1	22	12	-
Narcotics	1,880	210	163	57	1,670	1,517	153	1,128	504	38
Liquor, Internal Revenue	5,000	889	568	296	4,111	3,672	439	1,503	2,439	169
Other liquor	702	91	61	30	611	577	34	266	245	100
Antitrust violations	418	268	172	96	150	101	49	-	8	142
Food and Drug Act	715	124	111	13	591	576	15	4	51	536
Immigration laws	7,055	128	113	15	6,927	6,919	17	3,499	3,499	19
Impersonation federal officer	207	39	31	8	168	155	13	109	55	4
Migratory bird laws	630	49	22	27	581	568	13	15	84	482
Motor Carrier Act	365	24	19	5	341	336	5	-	28	318
War offenses	-	-	-	-	-	-	-	-	-	-
Selective Service Act	2,074	937	908	29	1,137	898	239	776	245	117
OPA rationing and price control	2,390	800	716	84	1,590	1,438	152	212	379	999
Illegal use of uniform	343	26	26	1	317	314	3	166	133	18
Other war offenses <sup>3</sup>	108	57	54	3	48	42	6	7	25	16
All other U. S. offenses	2,373	477	281	96	1,896	1,699	197	836	674	485
Offenses committed on U. S. reservations and high seas	355	62	33	29	293	250	43	149	119	25
Juvenile Delinquency Act	1,545	65	60	5	1,480	-	1,480	771	706	3

<sup>1</sup> Juvenile Delinquency Act cases excluded from totals because proceedings differ in nature from ordinary court trial and because Attorney General has power to designate any public or private agency for custody of juvenile during period for which he is committed. <sup>2</sup> See footnote 1, table 106. <sup>3</sup> See footnote 2, table 106.

Source: Administrative Office of the U. S. Courts, Annual Report of the Director.

**No. 109.—SENTENCED FEDERAL PRISONERS RECEIVED AND DISCHARGED, AND  
POPULATIONS, BY CLASS OF INSTITUTION: YEAR ENDING JUNE 30, 1947**

MOVEMENT OF PRISON POPULATION	ALL INSTITUTIONS			FEDERAL INSTITUTIONS				NON-FEDERAL INSTITUTIONS (State, county, etc.)	
				Administered by Bureau of Prisons		Public Health Service Hospitals			
	Total	Male	Female	Male	Female	Male	Female	Male	Female
Population, beginning of year	20,307	19,655	652	17,958	475	682	68	1,015	109
Grand total received	34,560	23,725	835	18,441	501	852	31	4,632	308
Received, except transfers	20,858	20,050	808	14,806	478	612	27	4,632	309
From courts	19,625	18,863	763	13,802	446	541	23	4,520	294
Parole violators returned	476	458	18	431	16	19	-	8	2
Conditional-release violators returned	507	494	13	418	7	42	4	-	2
Escaped prisoners returned	230	215	14	155	9	10	-	51	5
Other	19	-	-	-	-	-	-	19	-
Transferred from other insti- tutions <sup>1</sup>	3,702	3,675	27	3,635	23	40	4	-	-
Grand total discharged	25,300	24,439	861	18,211	484	592	71	4,636	306
Discharged, except transfers	21,358	20,526	832	15,453	479	474	49	4,606	304
Sentence expired	9,752	9,360	392	5,339	124	81	8	3,940	260
Conditionally released	4,950	4,778	172	4,392	138	296	29	90	5
Paroled	-	-	-	-	-	-	-	-	-
Regular	5,393	5,169	224	5,006	200	78	12	85	13
Ex. Order 8641	151	151	-	149	-	-	-	2	-
Died	68	56	12	45	1	8	-	3	1
Escaped	152	143	9	123	9	8	-	13	-
Ran away <sup>2</sup>	104	101	3	54	-	-	-	47	5
Other	798	768	30	346	7	3	-	419	21
Transferred to other insti- tutions <sup>1</sup>	3,942	3,913	29	3,788	5	118	22	87	1
Population, end of year	19,567	18,941	626	17,188	492	742	29	1,011	101

<sup>1</sup> Transfers to and from non-Federal institutions tabulated only when a Federal institution is involved.

<sup>2</sup> "Run-away" used in connection with offenders committed to institutions for juveniles and to private social agencies.

Source: Department of Justice, Bureau of Prisons; annual report, Federal Prisons, 1947.

**No. 110.—MOVEMENT OF PRISONERS IN STATE AND FEDERAL PRISONS AND REFORMATORIES, BY SEX: 1944 AND 1945**

[Excludes reports for State prisons in Georgia and Mississippi for 1944]

ITEM	1944			1945		
	Total	Male	Female	Total	Male	Female
Prisoners present at beginning of year.....	130,805	124,855	5,949	134,098	127,816	6,282
Admissions during year.....	62,765	57,591	5,174	68,069	63,555	4,514
Received from courts.....	50,586	46,461	4,125	56,305	51,884	4,421
Parole violators returned.....	6,946	6,439	507	6,787	6,302	485
Escaped prisoners returned.....	2,069	1,901	168	2,556	2,355	201
Other admissions.....	3,144	2,700	444	3,164	2,753	411
Transferred from other institutions <sup>1</sup> .....	13,967	13,478	489	14,000	14,253	747
Discharges during year.....	65,689	60,547	5,142	67,976	63,508	4,468
Sentence expired.....	19,783	18,011	1,772	21,593	19,649	1,944
Pardoned.....	70	68	2	69	66	3
Sentence commuted.....	335	322	13	325	474	51
Paroled.....	28,689	26,532	2,157	27,376	25,100	2,276
Conditionally pardoned.....	822	801	21	842	812	30
Other conditional release.....	8,046	7,624	422	8,563	8,101	462
Escaped.....	2,370	2,242	128	3,328	3,158	170
Executed.....	63	62	1	80	79	1
Died.....	756	742	14	792	777	15
Other discharges.....	4,735	4,143	592	4,813	4,223	590
Transferred to other institutions <sup>1</sup> .....	14,792	14,200	592	15,427	14,929	498
Prisoners present at end of year.....	127,076	121,175	5,901	134,413	127,117	7,296

<sup>1</sup> Includes transfers to and from institutions other than penal institutions, formerly classified as "other admissions" and "other discharges."

Source: Department of Commerce, Bureau of the Census; annual report, Prisoners in State and Federal Prisons and Reformatories.

**No. 111.—STATE AND FEDERAL PRISONS AND REFORMATORIES—FELONY PRISONERS RECEIVED FROM COURTS, BY SELECTED OFFENSES: 1937 TO 1945**

[Excludes reports for State prisons in Michigan, Georgia, and Mississippi]

OFFENSE	1937	1938	1939	1940	1941	1942	1943	1944	1945
Number of institutions reporting.....	121	124	126	151	146	146	150	147	130
<b>NUMBER</b>									
Total.....	59,073	64,265	62,000	62,692	56,023	47,761	40,273	41,058	43,281
Criminal homicide.....	3,698	3,648	3,297	3,233	3,355	3,008	2,048	2,362	2,510
Robbery.....	5,271	6,082	6,046	5,342	4,356	3,848	3,392	3,058	3,550
Aggravated assault.....	2,874	3,255	3,234	3,286	3,074	2,818	2,333	2,198	2,558
Burglary.....	11,997	13,068	12,669	12,236	9,772	7,434	6,358	6,393	7,263
Larceny, except auto theft.....	10,748	11,503	10,975	10,682	9,082	8,193	6,579	6,966	7,542
Auto theft.....	3,474	3,032	3,156	3,506	3,688	3,179	2,375	2,744	3,152
Rape.....	2,059	1,954	2,030	1,867	1,790	1,719	1,687	1,563	1,968
All other offenses.....	18,952	21,123	20,993	22,540	20,906	17,562	14,901	15,732	14,838
<b>PERCENT DISTRIBUTION</b>									
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Criminal homicide.....	6.3	5.7	5.3	5.2	6.0	6.3	5.0	5.8	5.8
Robbery.....	8.9	9.5	9.1	8.5	7.8	8.1	8.4	7.4	8.2
Aggravated assault.....	4.9	5.1	5.2	5.2	5.5	5.9	5.8	5.4	5.9
Burglary.....	20.3	20.3	20.4	19.5	17.4	15.6	15.6	15.6	16.8
Larceny, except auto theft.....	18.2	17.9	17.7	17.0	16.2	17.2	16.3	17.0	17.4
Auto theft.....	5.9	5.7	5.1	5.6	6.6	6.7	5.9	6.7	7.3
Rape.....	3.5	3.0	3.3	3.0	3.2	3.6	4.2	3.9	4.3
All other offenses.....	32.1	32.9	33.9	36.0	37.3	36.8	37.0	38.3	34.3

Source: Department of Commerce, Bureau of the Census; annual report, Prisoners in State and Federal Prisons and Reformatories.

No. 112.—STATE AND FEDERAL PRISONS AND REFORMATORIES—PRISONERS PRESENT JANUARY 1 AND RECEIVED FROM COURTS DURING YEAR: 1943, 1944, AND 1945

DIVISION AND STATE	PRISONERS PRESENT JAN. 1			PRISONERS RECEIVED FROM COURTS				
	1943	1944	1945	1943	1944	1945		
						Total	Male	Female
United States <sup>1</sup> .....	144, 295	130, 805	134, 098	50, 696	50, 586	56, 305	51, 884	4, 421
Federal institutions <sup>2</sup> .....	16, 906	16, 113	18, 139	12, 203	14, 047	14, 171	13, 577	594
State institutions <sup>1</sup> .....	127, 389	114, 692	115, 959	38, 493	36, 539	42, 134	38, 307	3, 827
New England:								
Maine.....	524	440	484	266	295	346	270	76
New Hampshire.....	242	207	210	57	60	80	80	-----
Vermont.....	255	233	214	123	123	151	137	14
Massachusetts.....	2, 740	2, 646	2, 536	972	910	977	880	397
Rhode Island.....	360	371	331	284	264	244	166	78
Connecticut.....	1, 163	1, 175	1, 115	652	526	549	354	195
Middle Atlantic:								
New York.....	14, 397	13, 399	13, 221	2, 671	2, 646	2, 588	2, 227	361
New Jersey.....	3, 299	2, 972	3, 041	1, 166	1, 241	1, 398	1, 194	204
Pennsylvania.....	6, 851	6, 682	6, 621	1, 978	1, 824	1, 764	1, 628	136
East North Central:								
Ohio.....	7, 442	7, 008	6, 672	1, 821	1, 914	2, 196	1, 994	202
Indiana.....	3, 909	3, 293	3, 034	769	885	935	901	34
Illinois.....	10, 019	8, 631	7, 766	1, 068	993	1, 478	1, 359	119
Michigan.....	7, 511	7, 447	7, 506	2, 238	2, 209	2, 352	2, 226	126
Wisconsin.....	2, 193	1, 918	1, 582	3, 516	2, 970	2, 257	2, 163	94
West North Central:								
Minnesota.....	2, 058	1, 769	1, 618	488	378	429	406	23
Iowa.....	2, 104	1, 785	1, 677	454	454	503	459	44
Missouri.....	3, 473	3, 040	2, 758	935	828	877	849	28
North Dakota.....	268	216	203	88	85	102	100	2
South Dakota.....	324	237	210	80	83	98	98	-----
Nebraska.....	826	678	605	293	323	389	357	32
Kansas.....	1, 895	1, 539	1, 383	470	371	420	361	59
South Atlantic:								
Delaware.....	151	130	130	74	96	111	105	6
Maryland.....	2, 907	2, 577	2, 832	2, 147	2, 371	2, 169	1, 907	262
Dist. of Columbia.....	1, 535	1, 345	1, 205	527	442	435	402	33
Virginia.....	4, 142	3, 841	3, 870	1, 331	1, 256	1, 267	1, 198	69
West Virginia.....	2, 736	2, 431	2, 208	392	296	329	320	9
North Carolina.....	4, 309	3, 937	3, 832	841	929	925	864	61
South Carolina.....	1, 175	1, 082	966	325	282	367	317	50
Georgia.....	-----	-----	2, 415	-----	-----	896	835	61
Florida.....	3, 005	2, 521	4, 196	791	749	3, 274	2, 878	396
East South Central:								
Kentucky.....	3, 726	3, 155	2, 490	879	744	799	777	22
Tennessee.....	2, 820	2, 523	2, 364	671	554	624	602	22
Alabama.....	4, 474	3, 555	3, 767	2, 307	1, 750	1, 660	1, 439	221
Mississippi.....	-----	-----	2, 114	-----	-----	397	369	28
West South Central:								
Arkansas.....	1, 509	1, 425	1, 100	604	416	514	462	52
Louisiana.....	2, 806	2, 584	2, 230	701	605	779	746	32
Oklahoma.....	2, 777	2, 268	1, 897	801	693	796	765	31
Texas.....	4, 835	3, 644	3, 394	1, 579	1, 611	1, 625	1, 571	54
Mountain:								
Montana.....	412	353	342	160	150	161	158	3
Idaho.....	175	148	201	73	107	107	104	3
Wyoming.....	274	276	265	109	113	151	151	-----
Colorado.....	1, 388	1, 300	1, 174	556	443	549	538	11
New Mexico.....	544	506	476	222	193	280	256	24
Arizona.....	653	603	603	300	282	328	309	19
Utah.....	276	264	272	130	103	162	159	3
Nevada.....	216	237	221	121	118	152	149	3
Pacific:								
Washington.....	1, 857	1, 778	2, 033	548	687	670	646	24
Oregon.....	816	794	865	316	354	441	427	14
California.....	6, 018	5, 729	5, 710	1, 579	1, 813	2, 034	1, 944	90

<sup>1</sup> No reports received from State prisons in Georgia and Mississippi for 1943 and 1944.

<sup>2</sup> Not included in State figures.

Source: Department of Commerce, Bureau of the Census; annual report, Prisoners in State and Federal Prisons and Reformatories.

**No. 113.—STATE AND FEDERAL PRISONS AND REFORMATORIES—FELONY PRISONERS RECEIVED FROM COURTS, BY TYPE OF INSTITUTION, AND SEX, BY OFFENSE: 1945**

[Excludes reports for State institutions in Michigan, Georgia, and Mississippi]

OFFENSE	ALL INSTITUTIONS			FEDERAL INSTITUTIONS			STATE INSTITUTIONS		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>All offenses.....</b>	<b>43,281</b>	<b>40,652</b>	<b>2,429</b>	<b>11,831</b>	<b>11,399</b>	<b>432</b>	<b>21,450</b>	<b>29,453</b>	<b>1,997</b>
Murder.....	1,371	1,281	90	120	120	—	1,241	1,161	80
Manslaughter.....	1,139	1,001	138	76	77	1	1,061	924	137
Robbery.....	3,550	3,479	71	123	123	—	3,417	3,346	71
Aggravated assault.....	2,558	2,403	155	265	263	2	2,293	2,140	153
Burglary.....	7,263	7,168	95	213	213	—	7,050	6,965	85
Larceny, except auto theft.....	7,542	7,009	533	1,377	1,333	44	6,165	5,676	489
Auto theft.....	3,182	3,114	68	1,289	1,266	23	1,893	1,848	45
Embezzlement and fraud.....	1,203	1,130	73	540	521	19	663	609	54
Stolen property.....	452	424	28	149	143	6	303	281	22
Forgery.....	2,630	2,373	257	661	660	101	1,969	1,813	156
Rape.....	1,808	1,808	—	310	319	—	1,498	1,489	—
Commercialized vice.....	283	242	41	179	170	9	104	72	32
Other sex offenses.....	1,203	1,000	143	64	64	—	1,139	996	143
Violating drug laws.....	1,119	999	120	938	836	110	181	163	19
Carrying and possessing weapons.....	198	190	8	24	24	—	174	166	8
Nonsupport or neglect.....	693	419	274	—	—	—	693	419	274
Violating liquor laws.....	2,096	2,062	34	1,927	1,904	23	171	158	13
Violating traffic laws.....	96	92	4	3	3	—	93	89	4
Violating National Defense laws.....	2,871	2,303	568	2,363	2,295	68	5	5	—
Other offenses.....	2,493	2,244	249	1,170	1,153	17	1,314	1,091	223

Source: Department of Commerce, Bureau of the Census; annual report, Prisoners in State and Federal Prisons and Reformatories.

**No. 114.—STATE AND FEDERAL PRISONS AND REFORMATORIES—FELONY PRISONERS RECEIVED FROM COURTS, BY COLOR, NATIVITY, AGE, AND SEX: 1943, 1944, AND 1945**

[Excludes reports for State institutions in Michigan, Georgia, and Mississippi]

COLOR, NATIVITY, AND AGE	1943	1944	1945		
			Total	Male	Female
<b>Total.....</b>	<b>40,273</b>	<b>41,058</b>	<b>43,281</b>	<b>40,652</b>	<b>2,429</b>
<b>Color and nativity:</b>					
White.....	27,616	28,280	29,539	27,911	1,628
Native <sup>1</sup> .....	25,888	26,564	27,825	26,249	1,576
Foreign-born.....	1,728	1,696	1,714	1,662	52
Negro.....	12,131	12,165	13,207	12,428	779
All other.....	526	613	535	513	22
<b>Age:</b>					
Under 15 years.....	26	31	39	35	4
15 to 17.....	2,397	2,680	2,757	2,646	111
18.....	2,377	2,303	2,544	2,405	139
19.....	2,567	2,425	2,362	2,181	171
20.....	2,159	2,337	2,395	2,243	152
21 to 24.....	7,666	7,990	8,722	8,156	567
25 to 29.....	6,725	6,887	7,506	7,067	439
30 to 34.....	5,165	5,418	5,399	5,077	322
35 to 39.....	4,039	4,087	4,067	3,833	234
40 to 44.....	2,888	2,768	2,990	2,843	146
45 to 49.....	1,804	1,766	1,968	1,891	75
50 to 54.....	1,065	1,090	1,245	1,198	47
55 to 59.....	680	622	666	646	19
60 to 64.....	365	364	338	324	14
65 and over.....	337	291	303	292	11

<sup>1</sup> Includes white, unknown nativity.

Source: Department of Commerce, Bureau of the Census; annual report, Prisoners in State and Federal Prisons and Reformatories.

## 4. Immigration, Emigration, and Naturalization

Aliens or citizens arriving or departing by vessel or airplane at ports other than land border ports of the United States are recorded on passenger and crew lists or manifests by officials of the transportation companies, these lists or manifests being delivered to the Immigration and Naturalization Service of the Department of Justice. Persons going by land or air between Mexico or Canada and the United States are required to enter or depart at land border stations where they are registered by officers of the Immigration and Naturalization Service. Statistics of immigration and emigration are prepared from these and other records by the Immigration and Naturalization Service.

**Immigration.**—Although the reporting of alien arrivals was required at an early date in certain of the colonies and original States, the continuous record of immigration to the United States begins with the fiscal year ending September 30, 1820. Under the Act of March 2, 1819, passenger lists for all vessels arriving from foreign places were to be delivered to the local collector of customs, copies transmitted to the Secretary of State, and the information reported to Congress. Immigration statistics were compiled by the Department of State from 1820 to 1874 and by the Bureau of Statistics of the Treasury Department from 1867 to 1895. Since 1892 there has been a separate office or bureau of immigration, now a part of the Immigration and Naturalization Service. Annual reports were issued by this bureau from 1892 to 1932. From 1933 to 1940, a summary of the work of the Immigration and Naturalization Service was given in the Annual Reports of the Secretary of Labor. For 1941, the Annual Report of the Attorney General contained a report on immigration and naturalization. No report was published for 1942. For subsequent fiscal years, Annual Reports of the Immigration and Naturalization Service (submitted by the Commissioner to the Attorney General) were published in mimeographed form.

Since 1820 the official immigration statistics (see table 116) have changed considerably in completeness and in the basis of reporting. The early figures were for arrivals at Atlantic and Gulf coast seaports of the United States. Pacific coast arrivals were first reported in 1850. Aliens arriving at Canadian seaports en route to the United States were included after 1893. The reporting of arrivals over the land borders began in 1904 and was gradually extended up to 1908. Hawaii, Puerto Rico, and Alaska were treated as integral parts of the United States for purposes of immigration and emigration statistics beginning in 1901, 1902, and 1904 respectively. Travel between the Philippine Islands and the United States was not treated as immigration or emigration between July 1, 1898 and May 1, 1934.

Prior to 1868 arriving alien passengers were recorded, thereafter immigrant arrivals (i. e., omitting aliens coming for temporary stay). Subsequent to the passage of the Act of 1891 which increased the number of excludable classes, the basis of reporting was changed from arrivals to admissions (i. e., omitting aliens not permitted to enter the United States), except for the period 1895 to 1897, inclusive, when the reporting of arrivals was resumed.

Two classes of alien admissions are now reported, immigrant and nonimmigrant (see table 117). Included in the nonimmigrant class are aliens admitted under section 3 of the Immigration Act of 1924 (see table 125), returning resident aliens, students, and others. An immigrant alien is defined as an alien, other than a returning resident, admitted for permanent residence, under either quota or nonquota status. Nonquota immigrants admitted comprise immigrants born in Canada, Newfoundland, Mexico, Cuba, Haiti, the Dominican Republic, the Canal Zone, and independent countries of Central and South America, and their wives and unmarried children under age 18 if accompanying or following to join such immigrants; relatives of citizens of the United



States (wives, husbands, unmarried children under age 21); ministers and professors who enter solely for the purpose of carrying on their vocations, and their wives and unmarried children under age 18, if accompanying or following to join such ministers and professors; and others. Certain temporary admissions such as of persons in possession of border-crossing identification cards are not included either in the immigrant or nonimmigrant totals.

**Emigration.**—No official record of emigration was kept prior to July 1, 1907. Alien departures are classified as emigrant and nonemigrant (see table 117). For statistical purposes an alien emigrant is an alien resident of the United States departing with the declared intention of residing permanently in a foreign country. The nonemigrant category includes both alien residents of the United States departing for a temporary sojourn abroad, and aliens leaving the United States after a temporary stay.

**Naturalization.**—Naturalization statistics for the United States began with the fiscal year 1907. Prior to this time each court kept records of naturalizations but no national data were compiled. The Act of June 29, 1906, effective September 27, 1906, provided for periodic returns by all courts conducting naturalization proceedings, and for the filing with a central Federal agency of a duplicate copy of each declaration of intention and petition for naturalization filed, and of each certificate of naturalization issued. Naturalization statistics were originally compiled by the Bureau of Immigration and Naturalization of the Department of Commerce and Labor, now the Immigration and Naturalization Service of the Department of Justice.

**Alien registration.**—The Act of June 28, 1940, required the registration of all aliens remaining in the United States (including Alaska, Hawaii, Puerto Rico, and the Virgin Islands) for a period of thirty days or longer. Aliens resident in the United States on August 27, 1940, were required to register on or before December 26, 1940. Aliens arriving subsequent to August 27, 1940, and not registered by the consul granting visas were required to register within thirty days of arrival. Aliens having their first or second naturalization papers were not exempt from the registration requirements, but those whose petitions for naturalization were pending and who expected to be naturalized prior to December 26, 1940, were instructed not to register. Registration was not required of officials of foreign governments and members of their families. Persons whose citizenship status was not clearly defined were advised to register.

The reported total of alien registrations includes registrations during the period August 27 to December 26, 1940, together with subsequent registrations of aliens who entered the United States prior to January 1, 1941. The total does not include seaman registrations.

**No. 115.—ESTIMATED RESIDENT ALIENS IN CONTINENTAL UNITED STATES, FOR SELECTED DATES: 1941 TO 1945**

DATE	Number of aliens <sup>1</sup>	CHANGE IN PRECEDING PERIOD					
		Net decrease	Decrease through naturalization	Decrease through mortality	Decrease through emigration	Decrease through other causes <sup>2</sup>	Increase through immigration
Jan. 1, 1941.....	4,889,770						
July 1, 1941.....	4,693,623	196,147	156,794	50,341	7,464	7,215	25,667
July 1, 1942.....	4,349,269	344,354	269,419	84,864	7,212	11,422	28,563
July 1, 1943.....	3,949,399	399,870	317,675	83,139	5,088	17,615	23,647
July 1, 1944.....	3,410,175	539,224	440,174	80,041	5,652	41,796	28,439
July 1, 1945.....	3,050,803	359,372	237,221	75,800	7,417	76,819	87,885

<sup>1</sup> Estimates do not take into account the considerable temporary movement of aliens into and out of the United States.

<sup>2</sup> Deportations, voluntary departures, expatriations, denaturalizations, etc.

Source: Department of Justice, Immigration and Naturalization Service; records.

FIGURE D.—IMMIGRANT ALIENS ADMITTED AND EMIGRANT ALIENS DEPARTED:  
1925 TO 1947

[See table 117]

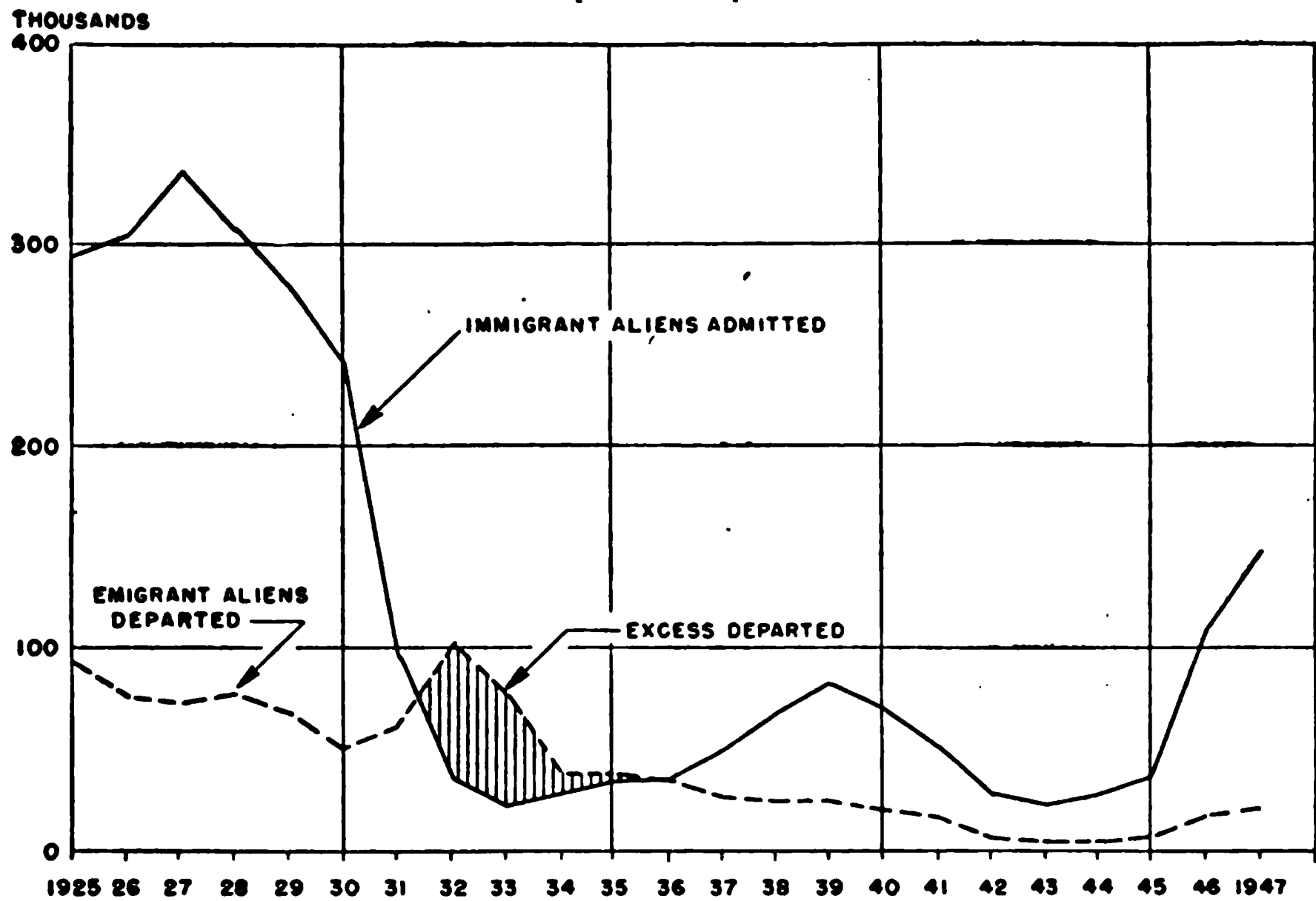
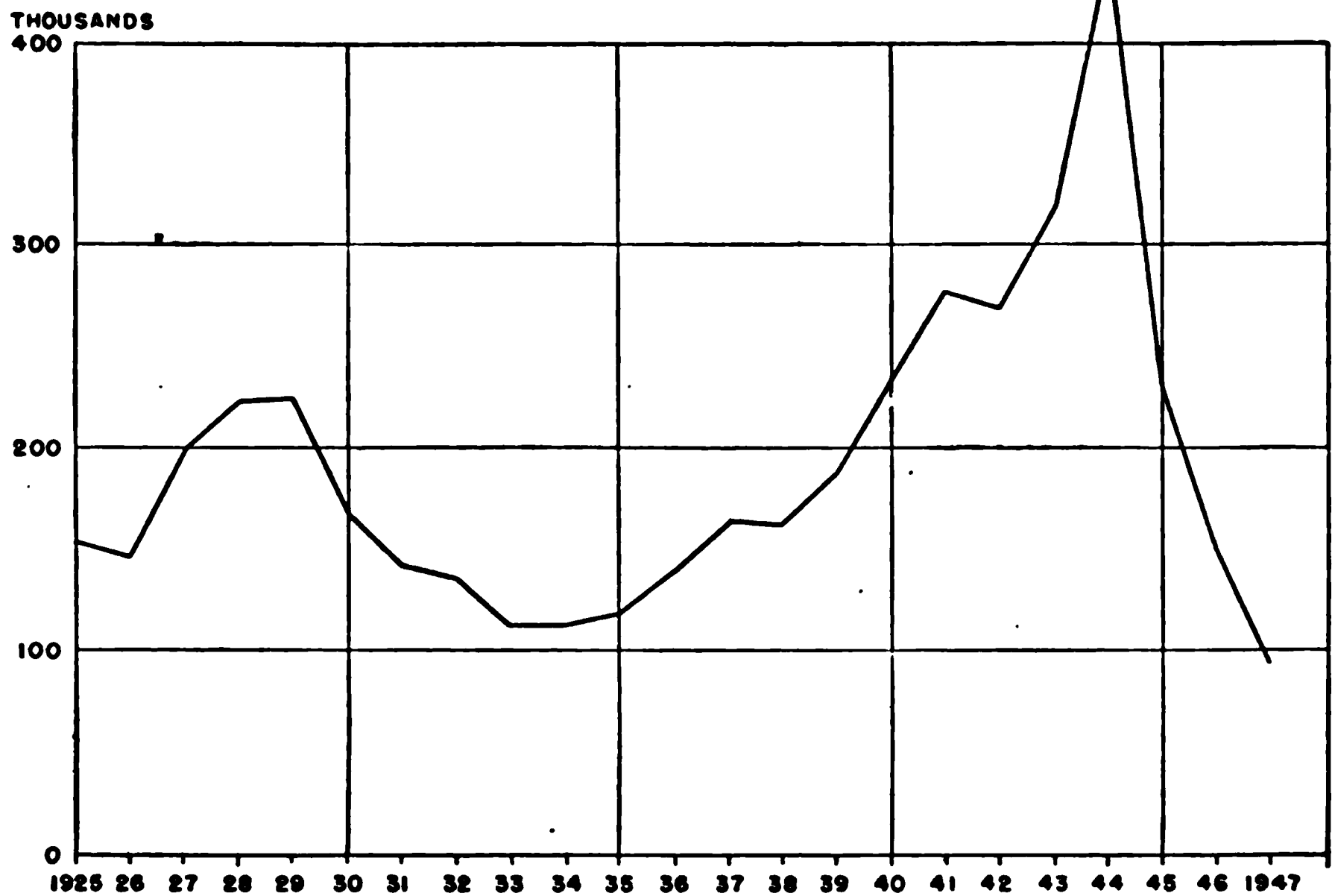


FIGURE E.—ALIENS NATURALIZED: 1925 TO 1947

[See table 128]



Source of figures D and E: Department of Commerce, Bureau of the Census. Data are from Department of Justice, Immigration and Naturalization Service.

## No. 116.—IMMIGRATION: 1820 TO 1947

[Data are for fiscal years ending June 30, except as noted; for periods they are totals, not annual averages. From 1819 to 1867 figures represent alien passengers arriving; for 1868 to 1891 inclusive and 1896 to 1897 inclusive, immigrant alien arrivals; for 1892 to 1894 and from 1898 to the present time, immigrant aliens admitted]

PERIOD	Number	YEAR	Number	YEAR	Number	YEAR	Number
1820-1830 <sup>1</sup>	151,824	1897	230,832	1918	110,618	1939	82,998
1831-1840 <sup>2</sup>	599,125	1898	229,299	1919	141,132	1940	70,756
1841-1850 <sup>3</sup>	1,713,251	1899	311,715	1920	430,001	1941	51,776
1851-1860 <sup>3</sup>	2,598,214	1900	448,572	1921	805,228	1942	28,781
1861-1870 <sup>4</sup>	2,314,824	1901	487,918	1922	309,556	1943	23,725
1871-1880	2,812,191						
		1902	648,743	1923	522,919	1944	28,551
1881-1890	5,246,613	1903	857,046	1924	706,896	1945	38,119
1891-1900	3,687,564	1904	812,870	1925	294,314	1946	108,721
1901-1910	8,795,386	1905	1,026,499	1926	304,488	1947	147,292
1911-1920	5,735,811	1906	1,100,785	1927	335,175		
1921-1930	4,107,209						
1931-1940	528,431	1907	1,285,349	1928	307,255	Calendar years:	
		1908	782,870	1929	279,678		
1900-1904	3,255,149	1909	751,786	1930	241,700		76,082
1905-1909	4,947,239	1910	1,041,570	1931	97,139		73,564
1910-1914	5,174,701	1911	878,587	1932	35,576		60,455
1915-1919	1,172,679					1941	43,211
1920-1924	2,774,600	1912	838,172	1933	23,068	1942	23,765
		1913	1,197,892	1934	29,470	1943	26,471
1925-1929	1,520,910	1914	1,218,480	1935	34,956	1944	31,754
1930-1934	426,953	1915	826,700	1936	36,329	1945	45,603
1935-1939	272,422	1916	298,826	1937	50,244	1946	148,954
1940-1944	203,589	1917	295,403	1938	67,895		

<sup>1</sup> Oct. 1, 1819, to Sept. 30, 1830.

<sup>2</sup> Oct. 1, 1830, to Dec. 31, 1840.

<sup>3</sup> Calendar years.

<sup>4</sup> Jan. 1, 1861, to June 30, 1870.

## No. 117.—ALIENS ADMITTED AND DEPARTED: 1910 TO 1947

PERIOD OR YEAR ENDING—	ADMITTED			DEPARTED			EXCESS OF ADMISSIONS OVER DEPARTURES <sup>1</sup>	
	Total	Immi- grant	Nonim- migrant	Total	Emigrant	Nonemi- grant	Total	Immigrant over emi- grant
June 30:								
1910-1914, total	6,075,800	5,174,701	901,099	2,759,654	1,442,892	1,316,762	3,316,146	3,731,809
1915-1919, total	1,612,743	1,172,679	440,064	1,180,859	618,223	562,636	431,884	554,456
1920-1924, total	3,584,952	2,774,600	810,352	1,616,808	892,984	723,824	1,968,144	1,881,616
1925-1929, total	2,472,500	1,520,910	951,590	1,233,607	389,746	843,861	1,238,893	1,131,164
1930-1934, total	1,216,396	426,953	789,443	1,271,972	335,690	936,282	-55,576	91,263
1935-1939, total	1,123,532	272,422	851,110	1,030,939	153,248	877,691	92,593	119,174
1940-1944, total	718,844	203,589	515,255	472,324	56,715	415,609	246,520	146,874
1930	446,214	241,700	204,514	272,425	50,661	221,764	173,789	191,039
1931	280,679	97,139	183,540	290,916	61,882	229,034	-10,237	35,257
1932	174,871	35,576	139,295	287,657	103,295	184,362	-112,786	-67,719
1933	150,728	23,068	127,660	243,802	80,081	163,721	-93,074	-57,013
1934	163,904	29,470	134,434	177,172	39,771	137,401	-13,268	-10,301
1935	179,721	34,956	144,765	189,050	38,834	150,216	-9,329	-3,878
1936	190,899	36,329	154,570	193,284	35,817	157,467	-2,385	512
1937	231,884	50,244	181,640	224,582	26,736	197,846	7,302	23,508
1938	252,697	67,895	184,802	222,614	25,210	197,404	30,083	42,685
1939	268,331	82,998	185,333	201,409	26,651	174,758	66,922	56,347
1940	208,788	70,756	138,032	166,164	21,461	144,703	42,624	49,295
1941	151,784	51,776	100,008	88,477	17,115	71,362	63,307	34,661
1942	111,238	28,781	82,457	74,552	7,363	67,189	36,686	21,418
1943	104,842	23,725	81,117	58,722	5,107	53,615	46,120	18,618
1944	142,192	28,551	113,641	84,409	5,669	78,740	57,783	22,882
1945	202,366	38,119	164,247	93,362	7,442	85,920	109,004	30,677
1946	312,196	108,721	203,469	204,353	18,143	186,210	107,837	90,578
1947	513,597	147,292	366,305	323,422	22,501	300,921	190,175	124,791
Dec. 31:								
1944	167,273	31,754	135,519	89,885	6,269	83,616	77,388	25,485
1945	225,731	45,603	180,128	151,436	13,679	137,757	74,296	31,924
1946	434,183	148,954	285,229	251,627	22,043	229,584	182,556	126,911

<sup>1</sup> Excess of departures indicated by a minus (-) sign.

Source of tables 116 and 117: Department of Justice, Immigration and Naturalization Service; Annual Report, releases, and records.

No. 118.—ALIENS DEBARRED AND DEPORTED: 1900 TO 1947

PERIOD OR YEAR ENDING JUNE 30	Debarred	De- ported	YEAR ENDING JUNE 30	Debarred	Deported	Deport- able aliens required to depart	Indigent aliens re- turned at their re- quest <sup>1</sup>
1900-1904, total.....	29,499	2,510	1938.....	8,066	9,275	9,278	1,070
1905-1909, total.....	58,688	6,709	1939.....	6,498	8,202	9,590	1,825
1910-1914, total.....	115,655	16,010	1940.....	5,300	6,954	8,594	1,151
1915-1919, total.....	74,929	11,835	1941.....	2,929	4,407	6,531	152
1920-1924, total.....	90,208	21,694	1942.....	1,833	3,709	6,904	30
1925-1929, total.....	102,661	56,594	1943.....	1,495	4,207	11,947	5
1930-1934, total.....	35,952	82,943	1944.....	1,642	7,179	32,270	4
1935-1939, total.....	35,198	43,820	1945.....	2,341	11,270	69,490	12
1940-1944, total.....	13,199	26,456	1946.....	2,942	14,375	101,945	21
1937.....	8,076	8,829	1947.....	4,771	18,663	195,880	88

<sup>1</sup> Excludes 502 Filipinos returned at own request in 1938, 392 in 1939, 425 in 1940, and 134 in 1941.

No. 119.—IMMIGRANT ALIENS ADMITTED AND EMIGRANT ALIENS DEPORTED, BY SEX, AGE, AND OCCUPATION: YEARS ENDING JUNE 30, 1935 TO 1947

SEX, AGE, OCCUPATION	1935-1939, total	1940-1944, total	1945	1946	1947
Admissions, total.....	272,422	203,589	38,119	108,721	147,292
Males.....	119,832	90,222	13,389	27,275	53,769
Females.....	152,590	113,367	24,730	81,446	93,523
Males per 1,000 females.....	785	796	541	335	575
Under 16 years.....	44,529	28,565	5,645	11,092	18,831
16 to 44 years <sup>1</sup> .....	181,158	127,095	25,482	85,797	101,459
45 years and over <sup>2</sup> .....	46,735	47,929	6,992	11,832	27,002
Illiterates, number <sup>3</sup> .....	5,786	1,652	416	379	1,309
Percent.....	2.1	.8	1.1	.3	.9
Reporting occupations—					
Professional and semiprofessional workers.....	21,555	21,863	2,852	6,198	10,891
Farmers and farm managers.....	4,674	2,041	497	947	3,462
Proprietors, managers, and officials, except farm.....	20,888	17,242	1,457	3,616	5,886
Clerical, sales, and kindred workers.....	12,512	13,044	3,715	8,378	13,961
Craftsmen, foremen, and kindred workers.....	21,404	17,404	2,120	4,157	8,726
Operatives and kindred workers.....	17,914	7,161	2,391	4,669	10,580
Domestic service workers.....			1,405	2,464	4,922
Protective service workers.....			62	119	292
Service workers, excluding domestic and protective.....	7,645	4,036	985	2,034	3,590
Farm laborers and foremen.....	2,134	840	225	189	442
Laborers, except farm.....	8,935	5,056	886	1,473	2,831
Departures, total.....	153,248	56,715	7,442	18,143	22,501
Males.....	94,612	35,038	3,745	10,246	14,392
Females.....	58,636	21,677	3,697	7,897	8,109
Males per 1,000 females.....	1,614	1,616	1,013	1,297	1,775
Under 16 years.....	10,087	4,188	1,434	2,198	1,563
16 to 44 years <sup>1</sup> .....	94,890	36,352	3,932	8,550	10,653
45 years and over <sup>2</sup> .....	48,271	16,175	2,076	7,395	10,285
Reporting occupations—					
Professional and semiprofessional workers.....	7,416	4,550	707	1,891	2,707
Farmers and farm managers.....	3,573	1,219	54	217	427
Proprietors, managers, and officials, except farm.....	6,728	2,916	551	1,803	1,826
Clerical, sales, and kindred workers.....	5,523	2,464	380	971	866
Craftsmen, foremen, and kindred workers.....	14,192	4,813	157	447	824
Operatives and kindred workers.....	10,881	1,814	216	990	1,448
Domestic service workers.....			125	367	424
Protective service workers.....			104	249	193
Service workers, excluding domestic and protective.....	4,549	1,341	98	392	714
Farm laborers and foremen.....	4,326	1,400	145	1,237	1,602
Laborers, except farm.....	37,232	12,427	503	958	2,729

<sup>1</sup> 1940-1944; 16 to 45 years.  
<sup>2</sup> 1940-1944; 46 years and over.  
<sup>3</sup> Unable to read or write in any language.

Source of tables 118 and 119: Department of Justice, Immigration and Naturalization Service; Annual Report, releases, and records.

## No. 120.—IMMIGRATION, BY COUNTRY OF ORIGIN, BY DECADES: 1851 TO 1940

[Data are totals, not annual averages, and are for periods ending June 30, except as noted. From 1851 to 1897 figures represent alien passengers arriving; for 1898 to 1899 inclusive and 1896 to 1897 inclusive, immigrant alien arrivals; for 1892 to 1894 and for 1898 to the present time, immigrant aliens admitted. Data prior to 1906 refer to country whence aliens came; thereafter, country of last permanent residence. Because of boundary changes and changes in list of countries separately reported, data for certain countries not comparable throughout.]

COUNTRY	1851-1860 <sup>1</sup>	1861-1870 <sup>1</sup>	1871-1880	1881-1890	1891-1900	1901-1910	1911-1920	1921-1930	1931-1940
All countries, total	2,538,214	2,214,824	2,812,191	5,246,613	3,687,584	8,795,396	5,725,811	4,107,209	529,431
Europe, total	2,482,660	2,065,270	2,272,262	4,737,844	3,553,978	8,128,018	4,376,584	2,477,853	348,289
Belgium	4,738	6,734	7,221	20,177	18,167	41,535	23,745	15,845	4,317
Bulgaria <sup>2</sup>					160	39,290	22,533	2,945	988
Czechoslovakia							3,426	102,194	14,393
Denmark	3,749	17,094	31,771	86,132	60,281	65,285	41,983		2,589
Elze <sup>3</sup>									10,973
Northern Ireland	914,119	435,778	436,871	655,482	368,418	239,065	146,181	220,891	2,194
Finland							756	16,091	2,140
France	70,348	35,985	72,206	50,464	30,770	73,379	61,897	49,610	12,625
Germany	951,897	787,468	718,182	1,452,970	505,152	341,498	143,945	412,202	117,621
Austria <sup>4</sup>							463,649	32,895	
Hungary		7,800	72,999	353,719	592,707	2,145,265	442,608	30,680	7,861
Great Britain:									
England	247,125	222,377	437,706	644,680	214,726	388,017	249,944	157,420	21,756
Scotland	38,231	38,769	87,564	149,899	44,188	120,499	78,357	159,781	6,867
Wales	6,319	4,313	6,631	12,640	10,557	17,464	13,107	13,012	735
United Kingdom not specified	132,199	341,637	16,142	168	67				
Greece	31	72	210	2,308	15,979	167,519	184,201	51,084	9,119
Italy	9,231	11,725	55,789	307,309	651,893	2,045,877	1,109,524	455,315	68,028
Netherlands	10,789	9,102	15,641	53,701	26,758	49,202	43,718	26,948	7,150
Norway		71,631	96,323	176,896	95,015	190,505	66,365	68,531	4,740
Sweden	20,931	37,667	115,922	391,776	226,266	249,534	95,074	97,249	3,900
Poland <sup>5</sup>	1,184	2,027	12,970	51,806	96,720		4,813	227,734	17,026
Portugal	1,055	2,658	14,062	16,978	27,808	69,149	69,732	23,994	3,329
Rumania			11	6,348	12,750	53,006	13,311	67,646	3,871
Spain	9,298	6,697	5,266	4,419	3,731	27,935	68,611	28,668	3,268
Switzerland	25,011	23,286	28,293	81,968	31,179	34,923	23,001	29,676	5,512
Turkey in Europe	83	129	837	1,862	2,626	79,976	54,677	14,659	737
U. S. S. R. (Russia)	467	2,512	39,284	213,282	505,290	1,597,306	921,301	61,742	1,256
Yugoslavia							1,888	49,064	5,635
Other Europe	5	8	1,001	682	122	665	8,111	22,963	3,865
Asia, total <sup>6</sup>	41,455	64,636	123,623	65,289	71,236	243,567	192,639	97,406	15,344
China <sup>7</sup>	41,397	64,301	123,201	61,711	14,799	20,606	21,278	29,907	4,928
Japan <sup>8</sup>		186	149	2,270	25,942	129,797	83,837	33,462	1,948
Turkey in Asia <sup>9</sup>		2	67	2,230	26,799	77,393	79,389	19,165	828
Other Asia <sup>10</sup>	58	141	406	2,179	3,696	15,772	8,055	14,866	8,140
America, total <sup>11</sup>	74,720	166,607	484,844	426,967	38,973	361,838	1,143,871	1,516,716	169,637
Canada and Newfoundland <sup>12</sup>	59,309	163,878	383,640	398,304	3,311	179,226	742,185	924,515	108,527
Mexico <sup>13</sup>	3,078	2,191	5,162	1,913	971	49,642	219,004	459,287	22,319
Central America <sup>14</sup>	449	95	157	404	549	8,192	17,159	15,769	5,861
South America <sup>15</sup>	1,224	1,397	1,128	2,304	1,075	17,280	41,899	42,215	7,903
West Indies <sup>16</sup>	10,660	9,046	13,967	29,042	33,066	107,548	123,424	74,899	15,502
Other America								31	26
Africa <sup>17</sup>	210	212	358	857	350	7,368	8,443	5,266	1,760
Australia, Tasmania, and New Zealand		36	9,896	7,017	2,740	11,975	12,348	8,290	2,281
Pacific Islands (not specified)			1,028	5,357	1,225	1,046	1,079	427	780
All other countries	29,169	17,969	790	789	14,063	10,328	1,147	228	

<sup>1</sup> Jan. 1, 1851 to Dec. 31, 1860; and Jan. 1, 1861 to June 30, 1870.

<sup>2</sup> Includes Serbia and Montenegro prior to 1920.

<sup>3</sup> Known as Irish Free State, 1922-1927.

<sup>4</sup> Austria included with Germany 1938-40.

<sup>5</sup> From 1899 to 1919 Poland is included with Austria-Hungary, Germany, and Russia.

<sup>6</sup> Included in "All other countries" in 1892.

<sup>7</sup> Included in "All other countries" in 1892; in "Other Asia" in 1893 and 1894.

<sup>8</sup> Immigrants from Canada, Newfoundland, and Mexico not reported from 1886 to 1893, inclusive.

<sup>9</sup> Included in "All other countries" in 1892 and 1893.

<sup>10</sup> Includes 32,897 persons returning to their homes in the United States. After 1906 such aliens have been included in immigration statistics as nonimmigrants; prior to that year, aliens were recorded by countries whence they came (see headnote).

Source: Department of Justice, Immigration and Naturalization Service; releases.

**No. 121.—IMMIGRANT ALIENS ADMITTED AND EMIGRANT ALIENS DEPARTED, BY COUNTRY OF LAST OR OF FUTURE PERMANENT RESIDENCE: YEARS ENDING JUNE 30, 1943 TO 1947**

[Residence of a year or more regarded as permanent residence]

COUNTRY	1943		1944		1945		1946		1947	
	Ad-mitted	De-parted	Ad-mitted	De-parted	Ad-mitted	De-parted	Ad-mitted	De-parted	Ad-mitted	De-parted
<b>All countries, total.</b>	<b>23,725</b>	<b>5,107</b>	<b>28,551</b>	<b>5,669</b>	<b>38,119</b>	<b>7,442</b>	<b>108,721</b>	<b>18,143</b>	<b>147,292</b>	<b>22,507</b>
<b>Europe, total.</b>	<b>4,920</b>	<b>1,719</b>	<b>4,509</b>	<b>2,666</b>	<b>5,943</b>	<b>3,997</b>	<b>52,852</b>	<b>10,500</b>	<b>83,535</b>	<b>11,153</b>
Albania.....	-	-	1	-	1	-	9	1	44	-
Belgium.....	120	-	126	1	71	29	1,718	411	2,465	259
Bulgaria.....	3	-	6	-	3	-	8	5	51	12
Czechoslovakia.....	102	-	136	-	64	3	267	97	2,053	254
Denmark.....	100	-	61	-	43	1	194	200	999	216
Eire.....	132	10	68	11	125	38	526	308	1,445	427
Estonia.....	14	-	26	-	16	-	9	1	25	2
Finland.....	49	17	29	13	29	8	29	27	514	54
France.....	1,201	9	387	11	201	242	5,708	1,192	7,285	1,148
Germany.....	248	-	238	2	172	2	2,598	57	13,900	301
Austria.....							130	8	1,545	26
Great Britain:										
England.....	901	1,405	1,210	2,199	2,784	2,709	30,922	3,259	20,147	1,793
Scotland.....	71	47	96	116	192	296	1,586	437	2,962	260
Wales.....	2	10	15	8	53	17	1,044	37	679	30
Greece.....	229	1	226	-	176	3	367	111	2,370	470
Hungary.....	75	-	87	-	54	-	49	6	803	32
Italy.....	49	3	120	1	213	8	2,636	354	13,866	1,851
Latvia.....	21	-	24	-	16	-	29	-	28	-
Lithuania.....	43	-	37	-	19	-	14	1	24	-
Netherlands.....	77	2	71	9	50	13	355	459	2,936	408
Northern Ireland.....	33	3	44	7	302	22	1,290	65	1,129	51
Norway.....	71	-	127	9	61	17	248	983	1,967	509
Poland.....	394	1	292	1	195	-	335	24	745	55
Portugal.....	395	100	431	148	570	191	578	401	633	765
Rumania.....	45	-	70	-	77	-	19	1	93	8
Spain.....	254	25	271	29	156	78	227	240	260	286
Sweden.....	58	24	58	35	45	79	643	526	1,848	409
Switzerland.....	123	23	33	2	39	32	766	364	1,779	311
U. S. S. R. (Russia).....	32	23	41	19	18	73	72	575	170	873
Yugoslavia.....	29	-	93	5	88	6	65	93	221	88
Other Europe.....	49	16	85	40	110	130	411	257	549	255
<b>Asia, total.</b>	<b>334</b>	<b>12</b>	<b>227</b>	<b>95</b>	<b>442</b>	<b>329</b>	<b>1,633</b>	<b>1,352</b>	<b>5,823</b>	<b>2,861</b>
China.....	65	4	50	44	71	176	252	785	3,191	2,249
Japan.....	20	-	4	-	1	-	14	59	131	57
Palestine.....	107	1	45	10	133	43	483	283	1,272	113
Syria.....	9	-	8	4	18	3	90	31	246	166
Other Asia.....	133	7	120	37	219	107	794	194	963	276
<b>America, total.</b>	<b>18,162</b>	<b>3,331</b>	<b>23,084</b>	<b>2,684</b>	<b>29,646</b>	<b>2,500</b>	<b>46,066</b>	<b>4,564</b>	<b>52,753</b>	<b>5,822</b>
Canada.....	9,571	439	9,821	451	11,079	567	20,414	745	23,467	861
Central America.....	1,218	123	1,965	238	3,359	246	2,338	327	3,386	398
Mexico.....	4,172	2,498	6,598	1,732	6,702	1,170	7,146	1,069	7,558	884
Newfoundland.....	190	6	322	9	451	38	910	122	875	37
South America.....	693	224	1,160	196	1,609	346	2,633	915	3,094	1,216
West Indies.....	2,312	35	3,198	58	5,452	123	5,898	1,384	6,728	2,426
Other America.....	6	6	-	-	994	10	6,727	2	7,645	-
Africa.....	141	26	112	76	406	124	1,516	314	1,284	261
Australia.....	97	15	461	121	1,261	138	5,111	248	2,386	231
New Zealand.....	23	3	116	12	364	23	898	57	435	39
Philippine Islands.....	8	-	4	-	19	8	475	264	910	1,685
Pacific Islands, not specified.....	40	1	88	15	38	13	97	36	139	25
Unknown or not reported.....	-	-	-	-	-	810	73	808	27	424

Source: Department of Justice, Immigration and Naturalization Service; Annual Report, releases and records.



No. 122.—IMMIGRANT ALIENS ADMITTED AND EMIGRANT ALIENS DEPARTED, BY RACE OR NATIONALITY: YEARS ENDING JUNE 30, 1943 TO 1947

RACE OR PEOPLE	1943		1944		1945		1946		1947	
	Admitted	De-parted	Admitted	De-parted	Admitted	De-parted	Admitted	De-parted	Admitted	De-parted
Total.....	23,725	5,187	28,551	5,649	33,119	7,442	106,721	18,143	147,283	22,591
Armenian.....	52	1	128	1	120	—	282	6	271	5
Bohemian and Moravian (Czech).....	88	3	148	6	153	9	783	98	2,928	121
Bulgarian, Serbian, Montenegrin.....	36	1	35	9	52	6	196	7	294	41
Chinese.....	4	4	34	49	109	257	233	770	1,136	2,168
Croatian and Slovenian.....	46	1	94	20	119	13	271	7	617	19
Cuban.....	551	5	1,014	4	1,622	6	1,627	30	2,482	193
Dalmatian, Bosnian, Herzegovinian.....	3	—	44	8	34	6	37	20	52	16
Dutch and Flemish.....	281	33	430	191	610	151	2,005	805	4,748	594
East Indian.....	1	2	—	19	—	22	16	48	51	52
English.....	3,629	1,413	4,100	2,120	7,116	2,520	41,485	3,492	28,490	2,454
Filipino.....	4	—	8	—	13	8	208	226	622	1,608
Finnish.....	96	34	73	16	78	12	240	18	792	59
French.....	1,763	118	1,571	121	2,120	418	8,987	1,332	10,783	1,175
German.....	498	39	1,014	45	1,386	35	4,968	378	17,180	801
Greek.....	378	2	335	18	352	17	855	94	2,882	410
Hebrew.....	4,705	88	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Irish.....	1,511	90	1,526	103	2,119	173	6,207	482	7,244	564
Italian.....	150	12	244	7	499	8	4,300	333	15,059	1,790
Japanese.....	—	—	—	—	—	—	2	12	10	17
Korean.....	—	—	—	—	—	1	1	37	6	33
Latin American.....	1,444	323	2,533	406	4,359	279	3,271	809	4,772	928
Lithuanian.....	73	—	65	3	79	4	374	8	540	3
Magyar.....	86	5	164	8	106	5	329	15	956	26
Negro.....	198	29	608	36	1,708	27	1,576	68	1,895	1,250
Polish.....	434	10	840	43	1,073	22	5,386	86	9,173	133
Portuguese.....	312	95	472	136	668	186	782	483	958	775
Rumanian.....	37	4	96	6	116	5	440	11	571	12
Russian.....	211	37	374	51	448	121	1,594	656	2,943	918
Ruthenian (Rusniak).....	57	1	77	—	51	—	54	2	106	2
Scandinavian (Norwegians, Danes, and Swedes).....	625	75	653	144	617	168	1,710	1,640	5,519	1,164
Scotch.....	1,267	231	1,475	239	1,985	420	5,635	709	7,156	405
Slovak.....	129	3	133	8	130	3	191	48	918	198
Spanish.....	404	42	391	42	422	96	929	308	989	376
Syrian.....	80	3	99	4	168	3	282	13	339	49
Turkish.....	23	—	70	20	51	70	100	112	122	88
Welsh.....	89	15	110	24	145	38	1,379	59	1,016	45
West Indian (other than Cuban).....	186	5	358	10	546	16	760	38	1,078	77
Other peoples <sup>1</sup> .....	3,968	2,378	6,528	1,611	8,975	2,315	11,338	4,685	12,581	4,222
	186	15	2,656	149	—	—	—	—	—	—

<sup>1</sup> Included with appropriate national group or "Other peoples."<sup>2</sup> Chiefly natives of Mexico.<sup>3</sup> Albanian, Estonian, Latvian, Persian, etc., and beginning 1944, Hebrews.

No. 123.—IMMIGRANT ALIENS ADMITTED—PERCENTAGES, BY RACE OR NATIONALITY: YEARS ENDING JUNE 30, 1943 TO 1947

RACE OR PEOPLE	1943	1944	1945	1946	1947	RACE OR PEOPLE	1943	1944	1945	1946	1947
Total.....	100.0	100.0	100.0	100.0	100.0	Latin American .....	6.1	8.9	11.4	3.0	3.2
Dutch and Flemish.....	1.6	1.5	1.1	1.8	3.2	Magyar.....	.4	.4	.3	.3	.6
English.....	15.3	14.4	13.7	13.1	19.3	Polish.....	1.8	2.9	2.8	5.0	6.2
French.....	7.4	5.5	5.6	8.3	7.3	Russian.....	.9	1.3	1.2	1.5	2.0
German.....	2.1	3.6	3.6	4.6	11.7	Scandinavian <sup>2</sup> .....	2.6	2.3	1.6	1.6	2.7
Greek.....	1.6	1.3	.9	.8	2.0	Scotch.....	5.4	5.2	5.1	5.2	4.9
Hebrew.....	19.8	(1)	(1)	(1)	(1)	Slovak.....	.5	.5	.3	.2	.6
Irish.....	6.4	5.3	5.6	5.7	4.9	Spanish.....	1.7	1.4	1.1	.8	.7
Italian.....	.6	.9	1.1	4.0	10.2	Other peoples <sup>3</sup> .....	16.3	22.9	39.6	19.1	19.5
							8.9	21.6			

<sup>1</sup> Included with appropriate national group or "Other peoples."<sup>2</sup> Norwegians, Danes, and Swedes.<sup>3</sup> Chiefly natives of Mexico.<sup>4</sup> Other than those for which percentages given.

Source of tables 122 and 123: Department of Justice, Immigration and Naturalization Service; Annual Report, releases, and records.

**No. 124.—ANNUAL QUOTAS ALLOTTED AND QUOTA IMMIGRANTS ADMITTED, BY  
QUOTA COUNTRY OR REGION: YEARS ENDING JUNE 30, 1925 TO 1947**

[Number of aliens admitted annually of any nationality subject to the quota law was limited by Immigration Act of 1921 to 3 percent of number of foreign-born of such nationality resident in continental United States as determined by 1910 census; and by population plan of act of 1924, to 2 percent according to 1890 census. National origins clause of 1924 act, effective July 1, 1929, provided that quota of any nationality be computed by applying to 150,000 the ratio between calculated number of inhabitants in continental United States in 1920 owing their origin to nationality concerned and the total inhabitants in the United States of all nationalities subject to quota law. (For estimates of white population by countries of origin, calculated as a basis for immigration quotas, see table 97, Statistical Abstract, 1932.) Under 1924 act, minimum quota is 100; for nonquota classes, see general note, p. 102]

QUOTA COUNTRY OR REGION <sup>1</sup>	ANNUAL QUOTA		QUOTA IMMIGRANTS ADMITTED						
	1925- 1929	1930- 1947	1925- 1929	1930- 1934	1935- 1939	1940- 1944	1945	1946	1947
<b>All countries.....</b>	<b>164,667</b>	<b>* 153,929</b>	<b>761,622</b>	<b>229,301</b>	<b>168,540</b>	<b>121,253</b>	<b>11,623</b>	<b>29,095</b>	<b>70,701</b>
<b>Europe.....</b>	<b>161,422</b>	<b>* 150,501</b>	<b>755,387</b>	<b>225,725</b>	<b>165,471</b>	<b>118,301</b>	<b>11,042</b>	<b>27,839</b>	<b>69,137</b>
<b>Northern and western Europe.....</b>	<b>140,999</b>	<b>125,853</b>	<b>656,832</b>	<b>171,806</b>	<b>101,950</b>	<b>76,396</b>	<b>7,305</b>	<b>16,416</b>	<b>47,056</b>
Belgium.....	512	1,304	2,661	1,926	1,166	2,364	81	380	1,315
Denmark.....	2,789	1,181	13,116	2,094	1,079	918	98	259	1,097
Eire <sup>2</sup> .....	28,567	17,853	132,715	27,528	3,633	1,777	232	546	2,011
France.....	3,954	3,086	18,259	5,081	3,100	4,436	184	1,554	3,140
Germany <sup>4</sup> .....	51,227	25,957	242,363	44,144	72,718	46,617	1,189	3,634	13,662
Great Britain and Northern Ireland.....	34,007	65,721	154,151	74,284	13,481	12,920	5,106	8,701	19,227
Iceland.....	100	100	300	72	21	61	43	69	95
Luxembourg.....	100	100	495	150	69	231	11	14	71
Netherlands.....	1,648	3,153	7,905	4,501	1,935	3,031	152	434	2,451
Norway.....	6,453	2,377	30,335	4,258	1,718	1,282	100	300	1,928
Sweden.....	9,561	3,314	44,849	4,999	1,305	981	57	288	1,187
Switzerland.....	2,081	1,707	9,683	2,789	1,725	1,778	52	237	872
<b>Southern and eastern Europe.....</b>	<b>20,423</b>	<b>24,648</b>	<b>98,553</b>	<b>53,919</b>	<b>63,521</b>	<b>41,905</b>	<b>3,737</b>	<b>11,423</b>	<b>22,081</b>
Austria <sup>4</sup> .....	785	1,413	4,213	2,478	1,619	-----	-----	833	1,455
Bulgaria.....	100	100	509	186	383	236	9	28	88
Czechoslovakia.....	3,073	2,874	14,668	5,210	8,464	5,019	276	964	2,663
Estonia.....	124	116	612	251	239	233	16	113	101
Finland.....	471	569	2,363	1,114	1,349	857	53	172	545
Greece.....	100	307	737	1,119	1,773	1,365	218	291	133
Hungary.....	473	869	2,445	2,213	3,702	2,675	117	488	949
Italy.....	3,845	5,802	18,389	14,342	15,101	4,947	268	1,262	5,042
Latvia.....	142	236	754	460	600	584	43	180	261
Lithuania.....	344	386	1,828	1,104	1,324	862	78	215	427
Poland.....	5,982	6,524	29,000	12,313	15,517	13,834	1,122	4,144	6,516
Portugal.....	503	440	2,453	1,309	1,543	1,519	421	420	327
Rumania.....	603	* 377	3,783	1,920	1,854	1,487	215	349	377
Spain.....	131	252	806	1,178	1,263	1,161	182	238	63
Turkey.....	100	226	679	1,104	1,070	753	156	188	120
U. S. S. R. (Russia).....	2,248	* 2,712	10,275	5,125	4,085	4,806	372	938	1,962
Yugoslavia.....	671	845	3,081	1,772	2,735	1,253	177	547	810
Other southern and eastern Europe.....	728	600	1,960	721	900	314	14	53	222
<b>Asia.....</b>	<b>1,424</b>	<b>1,528</b>	<b>3,507</b>	<b>2,124</b>	<b>1,902</b>	<b>1,743</b>	<b>388</b>	<b>710</b>	<b>990</b>
<b>Africa.....</b>	<b>1,200</b>	<b>1,200</b>	<b>1,341</b>	<b>604</b>	<b>297</b>	<b>468</b>	<b>71</b>	<b>269</b>	<b>263</b>
<b>Pacific.....</b>	<b>621</b>	<b>700</b>	<b>1,387</b>	<b>848</b>	<b>870</b>	<b>741</b>	<b>122</b>	<b>277</b>	<b>311</b>

<sup>1</sup> Persons born in colonies, dependencies, or protectorates, or portions thereof within barred zone, of European countries, who are admissible under immigration laws of United States as quota immigrants, are charged to quota of country to which such colony or dependency belongs or by which it is administered as a protectorate. Aliens who obtain visas during latter part of fiscal year may be admitted in following year since visas are valid for period of 4 months. Nationality for quota purposes does not always coincide with actual nationality (Sec. 12, Immigration Act of 1924).

<sup>2</sup> Quota was 153,774 from 1934 to February 8, 1944, when quota of 105 Chinese, authorized by act of December 17, 1943 increased the maximum quota to 153,879. On July 4, 1946, quota for Philippine Islands was increased from 50 to 100, thereby raising total quota to 153,929. Total quota for 1930 and 1931 was 153,714; for 1932 and 1933, 153,831; the Soviet Union's quota was 2,784 for 1930 and 1931, and 2,701 for 1932 and 1933; Rumania's, 295 prior to 1934. There were also changes in 1932 and 1933 for certain countries included in "Other Europe," Asia, and Pacific islands.

<sup>3</sup> Eire known as Irish Free State, 1922 to 1927.

<sup>4</sup> For 1938 to 1945, Austrian quota included with German.

Source: Department of Justice, Immigration and Naturalization Service; Annual Report, releases.

**No. 125.—ALIENS ADMITTED, BY CLASSES, UNDER THE IMMIGRATION ACT OF 1924  
AS AMENDED: YEARS ENDING JUNE 30, 1942 TO 1947**

CLASSES	1942	1943	1944	1945	1946	1947
Number admitted, all classes.....	111, 228	104, 842	142, 182	302, 366	312, 190	512, 597
<b>Under Section 3.....</b>	<b>65, 612</b>	<b>75, 863</b>	<b>107, 253</b>	<b>154, 150</b>	<b>154, 017</b>	<b>332, 354</b>
Government officials, their families, attendants, servants and employees.....	12, 038	16, 328	23, 630	18, 054	17, 031	16, 517
Temporary visitors for business.....	8, 070	19, 776	139, 990	76, 747	74, 913	76, 054
Temporary visitors for pleasure.....	17, 065	7, 924	8, 600	30, 982	59, 913	134, 924
In continuous transit through the United States.....	28, 805	31, 908	34, 556	28, 174	31, 124	96, 825
To carry on trade under treaty.....	134	49	78	193	378	651
Members of international organizations.....					658	3, 803
<b>Under Section 4.....</b>	<b>31, 029</b>	<b>19, 814</b>	<b>25, 545</b>	<b>36, 533</b>	<b>79, 078</b>	<b>116, 542</b>
Husbands of United States citizens.....	223	145	126	119	269	579
Wives of United States citizens.....	904	630	1, 059	2, 735	47, 679	31, 689
Unmarried children of United States citizens.....	136	160	117	224	1, 319	6, 463
Returning residents.....	15, 466	4, 105	4, 756	5, 806	13, 306	22, 816
Natives of nonquota countries.....	12, 554	13, 491	17, 595	22, 770	29, 305	35, 309
Their wives and children.....	42	31	19	58	109	331
Ministers and their wives and children.....	136	115	135	210	432	1, 336
Professors and their wives and children.....	54	39	17	20	102	594
Students.....		1, 021	1, 643	2, 206	5, 855	11, 008
Women who had been United States citizens.....	60	54	27	32	63	91
Miscellaneous classes.....	67	83	41	663	551	351
<b>Under Section 5 (quota immigrants).....</b>	<b>14, 597</b>	<b>9, 045</b>	<b>9, 394</b>	<b>11, 523</b>	<b>29, 095</b>	<b>70, 701</b>

<sup>1</sup> Includes agricultural laborers from the West Indies.

Source: Department of Justice, Immigration and Naturalization Service; Annual Report, releases.

**No. 126.—PASSENGERS ARRIVED AND DEPARTED, BY COUNTRIES, FLAG OF CARRIER,  
MODE OF TRAVEL: YEARS ENDING JUNE 30, 1931 TO 1947**

COUNTRY, FLAG, ETC.	1931-1940	1941	1942	1943	1944	1945	1946	1947
<b>Passengers arrived, total.....</b>	<b>5, 011, 916</b>	<b>261, 189</b>	<b>186, 631</b>	<b>169, 870</b>	<b>205, 775</b>	<b>319, 113</b>	<b>485, 007</b>	<b>629, 549</b>
Europe.....	2, 910, 845	38, 207	22, 173	27, 906	41, 237	73, 469	169, 418	325, 001
Asia.....	208, 686	28, 806	6, 665	3, 724	6, 448	9, 675	17, 534	32, 775
Africa.....	6, 445	1, 684	4, 676	3, 746	15, 531	27, 884	14, 846	8, 061
Australia and Pacific.....	52, 421	9, 080	9, 346	7, 800	8, 748	20, 323	23, 668	23, 234
Canada and Newfoundland.....	139, 576	5, 933	10, 231	9, 363	12, 604	28, 972	33, 686	50, 926
Greenland.....	2	135	271	760	882	1, 635	327	86
Mexico.....	72, 463	3, 054	1, 531	393	1, 796	3, 295	6, 931	2, 650
West Indies.....	1, 319, 064	131, 209	84, 799	74, 967	89, 250	121, 046	196, 152	322, 547
Central America.....	185, 373	23, 602	23, 665	16, 558	17, 664	18, 972	23, 094	26, 183
South America.....	115, 041	21, 380	16, 944	22, 644	11, 523	4, 842	9, 361	28, 048
<b>Flag: U. S.....</b>	<b>1, 589, 147</b>	<b>202, 375</b>	<b>145, 030</b>	<b>132, 909</b>	<b>136, 631</b>	<b>252, 263</b>	<b>377, 236</b>	<b>585, 909</b>
Foreign.....	3, 422, 769	58, 814	35, 601	36, 961	67, 144	57, 850	107, 771	243, 631
<b>By sea.....</b>	<b>4, 817, 200</b>	<b>210, 178</b>	<b>118, 151</b>	<b>75, 726</b>	<b>84, 350</b>	<b>107, 143</b>	<b>200, 041</b>	<b>356, 426</b>
By air.....	194, 716	51, 011	62, 480	94, 144	121, 425	202, 970	284, 966	473, 114
<b>Aliens.....</b>	<b>1, 762, 002</b>	<b>92, 125</b>	<b>68, 576</b>	<b>70, 637</b>	<b>104, 667</b>	<b>141, 387</b>	<b>221, 685</b>	<b>401, 581</b>
Citizens.....	3, 249, 914	169, 064	112, 055	99, 233	101, 108	168, 726	263, 322	428, 008
<b>Passengers departed, total.....</b>	<b>5, 159, 656</b>	<b>230, 130</b>	<b>149, 529</b>	<b>87, 233</b>	<b>118, 109</b>	<b>186, 301</b>	<b>339, 684</b>	<b>696, 441</b>
Europe.....	2, 992, 409	8, 891	8, 260	11, 488	20, 270	45, 761	95, 851	228, 454
Asia.....	271, 461	19, 788	4, 336	530	1, 028	2, 267	9, 020	49, 290
Africa.....	9, 786	1, 289	3, 020	3, 003	4, 133	15, 315	11, 654	7, 342
Australia and Pacific.....	55, 117	8, 141	2, 494	524	686	3, 049	11, 266	26, 117
Canada and Newfoundland.....	122, 073	4, 211	9, 156	4, 884	10, 284	15, 835	23, 096	12, 065
Greenland.....		101	245	45	11	896	201	84
Mexico.....	73, 725	3, 430	2, 513	811	1, 374	10, 963	17, 372	7, 749
West Indies.....	1, 299, 700	138, 035	87, 526	33, 540	51, 613	61, 368	170, 446	280, 919
Central America.....	179, 786	25, 186	17, 985	11, 396	12, 528	13, 963	22, 905	38, 944
South America.....	125, 599	21, 059	16, 194	21, 013	15, 972	16, 574	27, 774	45, 477
<b>Flag: U. S.....</b>	<b>1, 524, 492</b>	<b>190, 918</b>	<b>122, 631</b>	<b>67, 371</b>	<b>83, 729</b>	<b>137, 036</b>	<b>205, 617</b>	<b>507, 528</b>
Foreign.....	3, 635, 164	39, 212	27, 198	19, 862	34, 380	49, 265	93, 967	187, 913
<b>By sea.....</b>	<b>4, 982, 301</b>	<b>161, 153</b>	<b>91, 135</b>	<b>14, 877</b>	<b>26, 762</b>	<b>47, 377</b>	<b>137, 045</b>	<b>295, 263</b>
By air.....	177, 355	48, 977	58, 694	72, 356	91, 357	138, 624	252, 539	400, 179
<b>Aliens.....</b>	<b>1, 905, 526</b>	<b>66, 860</b>	<b>41, 526</b>	<b>28, 150</b>	<b>57, 511</b>	<b>86, 511</b>	<b>163, 276</b>	<b>349, 121</b>
Citizens.....	3, 254, 330	163, 270	108, 504	69, 083	60, 598	100, 490	226, 308	446, 320

Source: Department of Justice, Immigration and Naturalization Service; Annual Report, releases.

**No. 127.—ALIENS AND CITIZENS—TOTAL ARRIVALS AND DEPARTURES AND  
ARRIVALS AT PRINCIPAL PORTS: YEARS ENDING JUNE 30, 1925 TO 1947**

[Excludes travelers between continental U. S. and outlying possessions, persons habitually crossing and recrossing international land boundaries, and agricultural and railway track workers admitted from Mexico. Figures for alien arrivals cover admissions only, excluding aliens among arrivals found inadmissible and debarred from entering]

PORT AND CLASS	1925- 1929, average	1930- 1934, average	1935- 1939, average	1940- 1944, average	1944	1945	1946	1947
<b>Arrivals, total</b> .....	<b>888,385</b>	<b>610,215</b>	<b>574,526</b>	<b>297,265</b>	<b>250,636</b>	<b>377,934</b>	<b>586,733</b>	<b>951,287</b>
United States citizens.....	393,885	366,935	349,819	153,496	108,444	175,568	274,543	437,690
Immigrants.....	304,182	85,391	54,484	40,718	28,551	38,119	108,721	147,292
Nonimmigrants.....	190,318	157,889	170,222	103,051	113,641	164,247	203,469	366,305
<b>Departures, total</b> .....	<b>632,323</b>	<b>632,371</b>	<b>547,258</b>	<b>221,031</b>	<b>147,934</b>	<b>196,381</b>	<b>434,931</b>	<b>775,267</b>
United States citizens.....	385,602	377,976	341,070	126,566	63,525	103,019	230,578	451,845
Emigrants.....	77,949	67,138	30,650	11,343	5,669	7,442	18,143	22,501
Nonemigrants.....	168,772	187,256	175,538	83,122	78,740	85,920	186,210	300,921
<b>Excess of arrivals over departures</b> ...	<b>256,062</b>	<b>1-22,156</b>	<b>27,268</b>	<b>76,234</b>	<b>102,702</b>	<b>181,553</b>	<b>151,802</b>	<b>176,020</b>
<b>Citizens permanently departed:</b>								
Naturalized.....	3,675	1,213	1,060	595	422	799	3,030	3,587
Native born.....	20,579	20,245	9,607	7,242	3,476	5,388	12,400	18,302
<b>ARRIVALS AT PRINCIPAL PORTS</b>								
<b>New York</b> .....	<b>551,927</b>	<b>425,507</b>	<b>385,493</b>	<b>110,493</b>	<b>67,984</b>	<b>102,684</b>	<b>182,814</b>	<b>399,468</b>
United States citizens.....	272,872	264,346	240,492	56,547	34,661	58,879	73,074	169,940
Immigrants.....	153,683	52,678	37,026	16,873	1,075	2,636	52,050	83,884
Nonimmigrants.....	125,372	108,483	107,975	37,073	32,248	41,169	57,600	145,644
<b>Boston</b> .....	<b>19,445</b>	<b>19,117</b>	<b>12,544</b>	<b>3,938</b>	<b>4,108</b>	<b>2,728</b>	<b>4,948</b>	<b>8,575</b>
United States citizens.....	8,223	12,278	7,465	2,082	3,323	1,799	3,037	5,128
Immigrants.....	7,162	2,832	746	498	264	278	475	849
Nonimmigrants.....	4,060	4,007	4,333	1,359	521	651	1,436	2,598
<b>Philadelphia</b> .....	<b>815</b>	<b>1,191</b>	<b>1,178</b>	<b>1,105</b>	<b>1,671</b>	<b>2,342</b>	<b>6,545</b>	<b>4,771</b>
United States citizens.....	413	950	835	568	407	1,066	3,339	2,286
Immigrants.....	150	40	23	245	581	701	1,190	658
Nonimmigrants.....	252	201	321	292	683	575	2,026	1,827
<b>Baltimore</b> .....	<b>198</b>	<b>1,146</b>	<b>1,515</b>	<b>3,707</b>	<b>9,515</b>	<b>36,141</b>	<b>29,382</b>	<b>20,855</b>
United States citizens.....	110	952	1,237	2,608	7,519	31,615	23,503	13,455
Immigrants.....	50	60	35	185	27	56	697	1,110
Nonimmigrants.....	38	134	242	913	1,969	4,470	5,182	6,290
<b>Miami</b> .....	<b>14,209</b>	<b>22,008</b>	<b>60,039</b>	<b>81,777</b>	<b>86,257</b>	<b>89,767</b>	<b>166,253</b>	<b>238,212</b>
United States citizens.....	12,427	18,903	46,092	56,221	36,714	37,671	104,416	157,822
Immigrants.....	98	111	934	2,504	3,704	6,325	7,335	7,186
Nonimmigrants.....	1,684	2,994	13,013	23,051	45,839	45,771	54,502	73,204
<b>New Orleans</b> .....	<b>13,050</b>	<b>9,555</b>	<b>8,634</b>	<b>9,837</b>	<b>7,559</b>	<b>11,080</b>	<b>18,719</b>	<b>28,395</b>
United States citizens.....	9,246	7,426	6,999	6,246	5,169	6,442	12,252	18,511
Immigrants.....	847	427	215	350	488	877	1,333	1,436
Nonimmigrants.....	2,957	1,702	1,420	3,242	1,902	3,761	5,134	8,448
<b>San Francisco</b> .....	<b>16,245</b>	<b>13,554</b>	<b>14,926</b>	<b>11,251</b>	<b>7,423</b>	<b>13,681</b>	<b>22,842</b>	<b>37,356</b>
United States citizens.....	6,791	7,224	8,646	6,835	5,495	9,811	12,556	17,515
Immigrants.....	2,297	1,498	666	736	462	1,168	6,380	6,343
Nonimmigrants.....	7,157	4,832	5,614	3,680	1,466	2,702	3,906	13,498
<b>Seattle</b> .....	<b>5,583</b>	<b>4,179</b>	<b>4,041</b>	<b>1,428</b>	<b>786</b>	<b>872</b>	<b>6,425</b>	<b>3,369</b>
United States citizens.....	2,332	2,161	2,472	544	102	567	5,423	2,593
Immigrants.....	959	333	82	261	3	8	198	357
Nonimmigrants.....	2,292	1,685	1,487	622	681	297	804	419

<sup>1</sup> Excess of departures.

Source: Department of Justice, Immigration and Naturalization Service; Annual Report, releases.

## No. 128.—NATURALIZATION: 1907 TO 1947

PERIOD OR YEAR ENDING JUNE 30—	Declara- tions filed <sup>1</sup>	PETITIONS FILED <sup>2</sup>			ALIENS NATURALIZED <sup>3</sup>		
		Total	Civilian	Military	Total	Civilian	Military
1907-1909, total.....	356,974	108,286	108,286	.....	72,290	72,290	.....
1910-1914, total.....	923,929	446,006	446,006	.....	345,147	345,147	.....
1915-1919, total.....	1,631,262	772,396	580,068	192,328	636,690	444,262	192,328
1920-1924, total.....	1,697,667	919,189	822,834	96,355	825,616	728,661	96,355
1925-1929, total.....	1,348,285	1,070,669	1,059,790	10,879	956,475	946,392	10,083
1930-1934, total.....	400,380	619,441	609,629	9,812	676,804	667,741	8,768
1935-1939, total.....	767,201	852,795	837,151	15,644	776,077	765,969	10,108
1940-1944, total.....	807,487	1,602,164	1,510,997	91,167	1,543,830	1,451,234	92,596
1907 *.....	73,658	21,113	21,113	.....	7,941	7,941	.....
1908.....	137,571	44,032	44,032	.....	25,975	25,975	.....
1909.....	145,745	43,141	43,141	.....	38,374	38,374	.....
1910.....	169,848	55,750	55,750	.....	39,448	39,448	.....
1911.....	189,249	74,740	74,740	.....	56,683	56,683	.....
1912.....	171,133	95,661	95,661	.....	70,310	70,310	.....
1913.....	182,095	95,380	95,380	.....	83,561	83,561	.....
1914.....	214,104	124,476	124,476	.....	104,145	104,145	.....
1915.....	247,958	106,399	106,399	.....	91,848	91,848	.....
1916.....	209,204	108,767	108,767	.....	87,831	87,831	.....
1917.....	440,651	130,866	130,866	.....	98,104	98,104	.....
1918.....	342,283	169,507	165,514	63,993	151,449	87,456	63,993
1919.....	391,156	256,853	128,523	128,330	217,356	89,023	128,330
1920.....	299,076	218,732	166,760	51,972	177,683	126,711	51,972
1921.....	303,904	189,534	177,898	17,636	181,292	163,656	17,636
1922.....	273,511	162,638	153,170	9,468	170,447	160,979	9,468
1923.....	296,636	165,168	156,069	7,109	145,084	137,976	7,109
1924.....	424,840	177,117	166,947	10,170	150,510	140,340	10,170
1925.....	277,218	162,256	162,256	.....	152,457	152,457	.....
1926.....	277,539	172,232	172,107	125	146,331	146,239	92
1927.....	268,296	240,339	235,298	5,041	190,804	195,493	4,311
1928.....	254,868	240,321	235,328	4,993	233,155	228,006	5,149
1929.....	280,645	255,519	254,799	720	224,728	224,197	531
1930.....	62,138	113,151	111,309	1,842	169,377	167,637	1,740
1931.....	106,272	145,474	142,349	3,225	143,495	140,271	3,224
1932.....	101,345	131,062	131,043	19	136,600	136,596	4
1933.....	83,646	112,629	110,604	2,025	113,363	112,368	995
1934.....	108,079	117,125	114,524	2,601	113,669	110,667	2,802
1935.....	136,524	131,878	131,878	.....	118,945	118,945	.....
1936.....	148,118	167,127	165,559	1,568	141,265	140,764	501
1937.....	176,195	165,464	157,670	7,794	164,976	162,923	2,053
1938.....	160,673	176,413	169,131	6,282	162,078	158,143	3,936
1939.....	155,691	213,413	213,413	.....	188,813	185,175	3,638
1940.....	203,536	278,028	276,840	1,188	235,260	232,600	2,760
1941.....	224,123	277,807	277,807	.....	277,294	275,747	1,547
1942.....	221,796	343,487	341,979	1,508	270,364	268,762	1,602
1943.....	115,664	377,125	338,865	38,240	318,933	281,459	37,474
1944.....	42,368	325,717	275,486	50,231	441,979	392,766	49,213
1945.....	31,195	195,917	172,905	23,012	231,402	206,707	24,695
1946.....	28,787	123,864	110,071	13,793	150,062	134,849	15,213
1947.....	37,771	88,802	70,767	18,035	93,904	77,442	16,462

SEX	1940	1941	1942	1943	1944	1945	1946	1947
ALIENS NATURALIZED <sup>4</sup>								
Males.....	132,406	136,348	112,040	157,663	202,698	116,691	76,296	( <sup>5</sup> )
Females.....	102,854	140,946	158,324	161,270	239,281	114,711	73,766	( <sup>5</sup> )

<sup>1</sup> Declaration of intention to become citizen.<sup>2</sup> Petition for naturalization.<sup>3</sup> Certificates of naturalization issued.<sup>4</sup> From Sept. 27, 1906, to June 30, 1907.<sup>5</sup> Includes 1,425 in 1943, 6,496 in 1944, 5,666 in 1945, 2,054 in 1946, and 5,370 in 1947 in various theaters of war or areas occupied by American forces.<sup>6</sup> Not available.

Source: Department of Justice, Immigration and Naturalization Service; Annual Report, releases.

**No. 129.—ALIENS NATURALIZED, BY STATES AND TERRITORIES OF RESIDENCE:  
YEARS ENDING JUNE 30, 1945, 1946, AND 1947**

[Sec. 702 of Nationality Act of 1940, as amended, established administrative procedure whereby members of the armed forces are naturalized in countries outside jurisdiction of United States courts. Such naturalizations included below, as follows: 1945, 5,666; 1946, 2,054 and 1947, 5,370]

STATE OF RESIDENCE	1945	1946	1947	STATE OF RESIDENCE	1945	1946	1947
<b>Total.....</b>	<b>231,402</b>	<b>150,062</b>	<b>93,904</b>	New Hampshire.....	1,069	721	629
Alabama.....	289	190	101	New Jersey.....	15,958	8,543	4,919
Arizona.....	588	457	375	New Mexico.....	248	190	142
Arkansas.....	138	66	30	New York.....	81,123	50,862	29,008
California.....	18,004	14,595	10,120	North Carolina.....	209	224	88
Colorado.....	755	587	355	North Dakota.....	546	173	218
Connecticut.....	7,712	4,728	2,952	Ohio.....	10,711	5,289	2,625
Delaware.....	392	285	120	Oklahoma.....	332	199	103
District of Columbia.....	922	1,035	686	Oregon.....	920	755	730
Florida.....	2,081	1,159	880	Pennsylvania.....	13,201	9,235	4,428
Georgia.....	458	206	139	Rhode Island.....	2,936	1,450	1,016
Idaho.....	203	210	128	South Carolina.....	138	92	55
Illinois.....	13,551	9,301	5,230	South Dakota.....	287	189	155
Indiana.....	2,123	1,068	667	Tennessee.....	308	116	114
Iowa.....	947	549	342	Texas.....	3,148	2,384	1,532
Kansas.....	613	410	164	Utah.....	341	312	147
Kentucky.....	260	180	100	Vermont.....	729	542	355
Louisiana.....	855	476	350	Virginia.....	483	395	261
Maine.....	1,873	1,193	784	Washington.....	3,096	1,840	1,696
Maryland.....	1,520	1,547	588	West Virginia.....	884	582	230
Massachusetts.....	18,172	11,809	6,806	Wisconsin.....	3,097	1,827	1,031
Michigan.....	12,952	8,618	5,128	Wyoming.....	151	122	69
Minnesota.....	2,010	1,558	709	Territories, etc.:.....			
Mississippi.....	192	83	51	Alaska.....	150	97	121
Missouri.....	2,678	1,668	683	Hawaii.....	257	514	593
Montana.....	423	269	184	Puerto Rico.....	121	115	83
Nebraska.....	720	484	205	Virgin Islands.....	47	144	48
Nevada.....	155	107	66	All other.....	326	312	15,565

<sup>1</sup> Includes 5,092 residents of the Philippine Islands.

**No. 130.—ALIENS NATURALIZED, BY COUNTRY OF FORMER ALLEGIANCE:  
YEARS ENDING JUNE 30, 1944 TO 1947**

NATIONALITY	1944	1945	1946	1947	NATIONALITY	1944	1945	1946	1947
<b>All countries.....</b>	<b>441,979</b>	<b>231,402</b>	<b>150,062</b>	<b>93,904</b>	Norway.....	6,031	2,838	1,819	1,099
Albania.....	588	340	249	143	Poland.....	42,758	20,812	12,907	6,495
Belgium.....	1,345	776	698	496	Portugal.....	4,589	3,330	2,237	1,296
British Empire.....	88,493	43,643	31,321	20,328	Rumania.....	8,137	3,730	1,829	929
Bulgaria.....	542	293	247	137	Spain.....	3,060	1,826	1,324	753
Czechoslovakia.....	12,899	5,878	4,165	2,239	Sweden.....	8,106	3,809	2,482	1,405
Denmark.....	2,733	1,337	894	577	Switzerland.....	1,891	1,040	841	585
Estonia.....	261	138	105	107	U. S. S. R. (Russia)....	25,533	12,164	7,404	3,562
Finland.....	3,153	1,931	1,220	753	Yugoslavia.....	7,409	3,849	2,524	1,258
France.....	3,035	2,809	2,136	1,442	Persia (Iran).....	218	36	74	60
Germany.....	62,274	45,336	17,464	10,703	Syria.....	1,595	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Austria.....			6,357	1,930	Turkey.....	3,115	1,571	1,039	522
Greece.....	7,549	4,305	3,313	1,847	Philippine Islands.....	2,698	1,563	2,644	10,764
Hungary.....	13,964	6,320	3,385	1,595	West Indies.....	1,604	964	876	652
Italy.....	106,626	41,643	23,099	11,516	Mexico.....	7,474	6,352	5,135	3,336
Latvia.....	1,017	540	387	210	Central America.....	659	475	489	324
Lithuania.....	6,624	3,581	2,250	1,061	South America.....	1,362	799	644	364
Netherlands.....	3,020	1,681	1,538	1,043	Other countries.....	1,617	5,693	6,966	4,383

<sup>1</sup> Included with France.

<sup>2</sup> Includes 4,387 persons in 1945, 5,982 in 1946, and 2,828 in 1947 who were stateless.

Source of tables 129 and 130: Department of Justice, Immigration and Naturalization Service; Annual Report, releases.



No. 131.—ALIENS REGISTERED AS OF DECEMBER 26, 1940, BY DATE OF ENTRY, BY SEX

[For Census total of aliens in continental United States, April 1, 1940, see table 41, p. 41]

DATE OF ENTRY	Total	Male	Female	DATE OF ENTRY	Total	Male	Female
Total.....	5,009,857	2,340,770	2,669,087	1923.....	217,840	106,962	110,878
Prior to 1880.....	32,739	13,858	18,881	1924.....	106,352	53,621	52,731
1880-1889.....	117,790	61,251	56,539	1925.....	92,765	41,717	51,048
1890-1899.....	239,605	120,561	119,044	1926.....	107,305	52,084	55,221
1900-1909.....	1,080,654	553,314	527,340	1927.....	107,828	52,572	55,256
1910.....	182,900	87,694	95,206	1928.....	106,468	49,148	57,320
1911.....	151,822	66,820	85,002	1929.....	110,797	50,389	60,408
1912.....	216,750	98,817	117,933	1930.....	89,722	39,882	49,840
1913.....	287,230	129,419	157,811	1931.....	39,329	17,492	21,837
1914.....	154,646	69,126	85,520	1932.....	30,370	11,560	18,810
1915.....	62,648	29,710	32,938	1933.....	30,210	11,806	18,404
1916.....	82,803	38,149	44,654	1934.....	39,315	15,320	23,995
1917.....	46,371	23,265	23,106	1935.....	45,671	17,607	28,064
1918.....	43,195	23,389	19,806	1936.....	56,861	22,560	34,301
1919.....	91,322	47,827	43,495	1937.....	83,556	34,888	48,668
1920.....	194,672	82,856	111,816	1938.....	100,860	45,086	55,774
1921.....	163,980	59,105	104,875	1939.....	109,705	51,503	58,202
1922.....	134,693	59,124	75,569	1940.....	142,463	72,028	70,435
				Unknown.....	108,620	30,260	78,360

Source: Department of Justice, Immigration and Naturalization Service; release.

No. 132.—ALIENS REGISTERED AS OF DECEMBER 26, 1940, BY SEX, AGE, AND MARITAL STATUS

[For Census total of aliens in continental United States, April 1, 1940, see table 41, p. 41]

AGE GROUP	Total both sexes	MALES				FEMALES			
		Total	Single	Married	Other <sup>1</sup>	Total	Single	Married	Other <sup>1</sup>
Total.....	5,009,857	2,340,770	699,008	1,385,994	255,768	2,669,087	345,434	1,858,850	464,803
Under 14 years, total.....	49,443	24,692	24,692			24,751	24,751		
Under 5 years.....	7,579	3,826	3,826			3,753	3,753		
5-9 years.....	16,816	8,535	8,535			8,281	8,281		
10-13 years.....	25,048	12,331	12,331			12,717	12,717		
14 years.....	10,448	5,292	5,265	13	14	5,156	5,115	25	16
15-19 years.....	95,812	48,312	47,565	653	94	47,500	42,108	5,250	142
20-24 years.....	141,236	65,706	53,550	11,804	352	75,530	38,724	35,823	983
25-29 years.....	237,382	106,910	56,680	48,404	1,826	130,472	31,822	95,172	3,478
30-34 years.....	408,451	182,718	69,777	107,625	5,316	225,733	31,723	185,151	8,859
35-39 years.....	556,020	248,254	74,803	162,690	10,761	307,766	29,458	262,321	15,987
40-44 years.....	609,070	262,398	70,030	176,473	15,895	346,672	26,113	294,661	25,898
45-49 years.....	669,678	287,016	71,902	192,124	22,990	382,662	22,778	318,072	41,812
50-54 years.....	660,966	320,662	75,527	212,656	32,479	340,304	20,981	263,742	55,581
55-59 years.....	548,186	285,724	63,198	184,366	38,160	262,462	18,577	181,763	62,122
60-64 years.....	389,523	199,975	38,299	126,465	35,211	189,548	16,948	108,749	63,851
65-69 years.....	271,865	136,414	23,116	81,906	31,392	135,451	13,955	60,375	61,121
70-74 years.....	175,264	83,782	12,558	45,727	25,497	91,482	10,556	28,372	52,554
75-79 years.....	104,608	47,707	6,406	22,479	18,822	56,901	6,581	11,723	38,597
80 and over.....	70,020	29,721	3,328	10,596	15,796	40,299	4,295	4,334	31,670
Unknown.....	11,885	5,487	2,312	2,014	1,161	6,398	949	3,317	2,132

<sup>1</sup> Widowed, divorced, and unknown.

Source: Department of Justice, Immigration and Naturalization Service; release.

**No. 188.—ALIENS REGISTERED AS OF DECEMBER 26, 1940, BY SELECTED COUNTRIES  
OF BIRTH, BY STATE OF RESIDENCE**

STATE OF RESIDENCE	Total	COUNTRY OF BIRTH						
		Italy	Canada	Poland	Mexico	U.S.S.R. (Russia)	Germany	Others
<b>Total</b>	<b>5,009,857</b>	<b>703,445</b>	<b>467,253</b>	<b>446,462</b>	<b>423,519</b>	<b>370,308</b>	<b>321,089</b>	<b>2,277,786</b>
<b>New England</b>	<b>668,817</b>	<b>110,192</b>	<b>183,870</b>	<b>62,170</b>	<b>196</b>	<b>42,611</b>	<b>10,489</b>	<b>259,489</b>
Maine	47,233	1,108	35,272	777	21	968	215	8,875
New Hampshire	30,538	697	18,236	2,103	11	1,060	307	8,122
Vermont	15,927	659	10,826	763	9	349	138	3,183
Massachusetts	364,421	53,069	91,654	30,956	94	26,907	4,179	156,642
Rhode Island	52,570	11,924	11,745	2,335	10	1,793	715	23,048
Connecticut	158,128	41,818	15,937	24,232	51	11,534	4,937	50,619
<b>Middle Atlantic</b>	<b>1,906,720</b>	<b>394,787</b>	<b>75,259</b>	<b>212,355</b>	<b>5,424</b>	<b>196,613</b>	<b>172,599</b>	<b>849,683</b>
New York	1,257,501	250,253	62,385	122,937	3,600	145,202	130,803	542,321
New Jersey	279,199	72,582	6,721	36,291	298	20,239	24,820	116,248
Pennsylvania	370,020	71,952	6,153	53,127	1,526	31,172	16,976	189,114
<b>East North Central</b>	<b>950,723</b>	<b>85,738</b>	<b>107,169</b>	<b>141,695</b>	<b>21,844</b>	<b>62,065</b>	<b>71,973</b>	<b>460,249</b>
Ohio	203,038	26,901	9,410	23,391	1,461	11,691	11,547	116,637
Indiana	44,385	2,357	2,003	5,680	2,771	2,010	3,973	24,991
Illinois	325,070	35,292	13,728	53,352	11,921	26,800	28,981	154,966
Michigan	303,103	17,856	77,990	48,189	4,751	15,653	12,705	125,959
Wisconsin	75,127	3,332	3,428	11,083	940	5,911	14,767	35,666
<b>West North Central</b>	<b>182,401</b>	<b>12,229</b>	<b>12,379</b>	<b>7,940</b>	<b>11,675</b>	<b>17,993</b>	<b>19,689</b>	<b>100,606</b>
Minnesota	61,433	1,254	6,108	2,363	1,210	3,484	4,205	42,809
Iowa	24,648	1,203	1,153	433	1,268	1,358	4,516	14,717
Missouri	43,550	7,699	1,552	3,229	1,965	5,506	5,327	18,270
North Dakota	10,482	15	1,684	309	108	1,766	578	6,024
South Dakota	7,400	59	452	139	94	873	935	4,848
Nebraska	18,933	1,302	615	809	1,977	3,340	2,539	8,291
Kansas	15,955	697	706	598	5,053	1,664	1,691	5,646
<b>South Atlantic</b>	<b>145,635</b>	<b>19,838</b>	<b>10,544</b>	<b>11,351</b>	<b>677</b>	<b>13,640</b>	<b>9,501</b>	<b>80,285</b>
Delaware	6,428	1,726	246	1,172	15	572	333	2,364
Maryland	37,792	6,182	1,347	5,362	84	6,548	3,934	14,335
District of Columbia	14,752	2,154	1,031	553	90	2,063	1,057	7,804
Virginia	10,093	771	853	405	37	1,027	684	6,114
West Virginia	23,662	5,284	430	2,679	210	1,405	479	13,175
North Carolina	4,207	179	498	103	19	191	352	2,866
South Carolina	2,188	70	180	106	10	199	199	1,424
Georgia	5,187	237	492	272	39	646	494	3,127
Florida	41,327	3,035	5,465	699	183	1,089	1,779	29,077
<b>East South Central</b>	<b>19,046</b>	<b>3,553</b>	<b>1,282</b>	<b>762</b>	<b>354</b>	<b>1,304</b>	<b>2,136</b>	<b>9,462</b>
Kentucky	5,558	647	451	225	41	404	948	2,842
Tennessee	5,137	1,132	393	344	52	541	563	2,122
Alabama	5,132	892	333	131	78	255	412	3,031
Mississippi	3,219	881	105	62	183	104	217	1,667
<b>West South Central</b>	<b>241,543</b>	<b>11,335</b>	<b>3,045</b>	<b>1,764</b>	<b>186,407</b>	<b>2,544</b>	<b>5,779</b>	<b>39,689</b>
Arkansas	3,398	545	220	118	190	108	503	1,705
Louisiana	17,810	7,021	461	199	1,040	328	843	7,418
Oklahoma	6,946	424	595	285	1,419	601	676	2,945
Texas	213,898	3,345	1,768	1,162	183,758	1,507	3,757	18,601
<b>Mountain</b>	<b>116,360</b>	<b>7,602</b>	<b>6,832</b>	<b>1,223</b>	<b>48,033</b>	<b>7,592</b>	<b>3,658</b>	<b>42,320</b>
Montana	13,777	713	2,149	179	1,065	1,180	463	8,026
Idaho	8,232	269	1,412	53	315	306	409	5,444
Wyoming	5,917	296	225	150	1,434	700	—	2,964
Colorado	27,473	3,093	1,122	639	6,906	5,004	1,104	9,603
New Mexico	14,402	366	173	54	9,909	89	242	1,569
Arizona	31,954	217	518	82	26,907	177	218	8,936
Utah	10,487	984	603	89	796	78	863	7,134
Nevada	6,118	1,042	330	25	799	56	211	3,655
<b>Pacific</b>	<b>658,524</b>	<b>58,714</b>	<b>64,255</b>	<b>7,031</b>	<b>147,304</b>	<b>25,576</b>	<b>34,891</b>	<b>336,823</b>
Washington	81,636	3,982	17,019	1,206	425	3,222	3,025	52,667
Oregon	34,424	1,983	6,573	458	340	2,384	1,914	20,777
California	542,464	52,749	40,693	—	146,439	19,970	19,952	257,379
Alaska	3,405	52	479	31	17	147	116	2,563
Hawaii	91,447	34	295	45	23	123	98	90,629
Puerto Rico	14,854	90	29	12	87	14	43	14,579
Virgin Islands	3,853	2	6	6	2	2	10	3,827
American Samoa	105	—	1	—	—	—	7	97
Other <sup>1</sup>	6,423	80	—	78	1,576	84	97	2,105

<sup>1</sup>Includes Canadian and Mexican commuters and visitors.

Source: Department of Justice, Immigration and Naturalization Service; release.

## 5. Education

Data on school attendance and on highest grade of school completed were obtained for each person in the United States as part of the 1940 Census of Population (see tables 134-143). Annually, beginning in 1945, the Bureau of the Census has reported on school enrollment (and in 1947 on educational attainment) of the population, based on sample data obtained in the Current Population Survey (see tables 136, 137, and 141). The Biennial Survey of Education, conducted by the U. S. Office of Education, covers enrollment and attendance, teaching staff, finances, and other information on public education facilities at all levels, with less complete information for private schools (see tables 144-165). Other statistical studies of the U. S. Office of Education, publications of the National Education Association, Annual or Biennial Reports of the State Departments of Education, and educational journals are the other chief regular sources of statistical materials in the field of education. Many special studies are made by research divisions of city school systems, by schools of education in colleges and universities, and by educational foundations.

**Educational statistics for individuals.**—The school attendance statistics compiled from the 1940 Population Census are based on the replies to the enumerator's inquiry as to whether the person had attended, or had been enrolled in, any regular school or college between March 1 and April 1, 1940. Night schools, extension schools, or vocational schools are not included unless they are a part of the regular school system; and no correspondence schools are included.

The same census, for the first time, included a question on the formal educational attainment of each person, that is, the last full grade that the person had completed in the regular school system—public, private, or parochial school, college, or university. This question replaced the inquiry on illiteracy included in previous censuses.

The *median* year of school completed may be defined as the year which divides the population group into equal parts—one-half having completed more schooling and one-half having completed less schooling than the median. In the presentation of median year of school completed, the completion of the first year of high school is uniformly indicated by 9 and of the last year of college by 16, although there are some areas with only 7 years of elementary school.

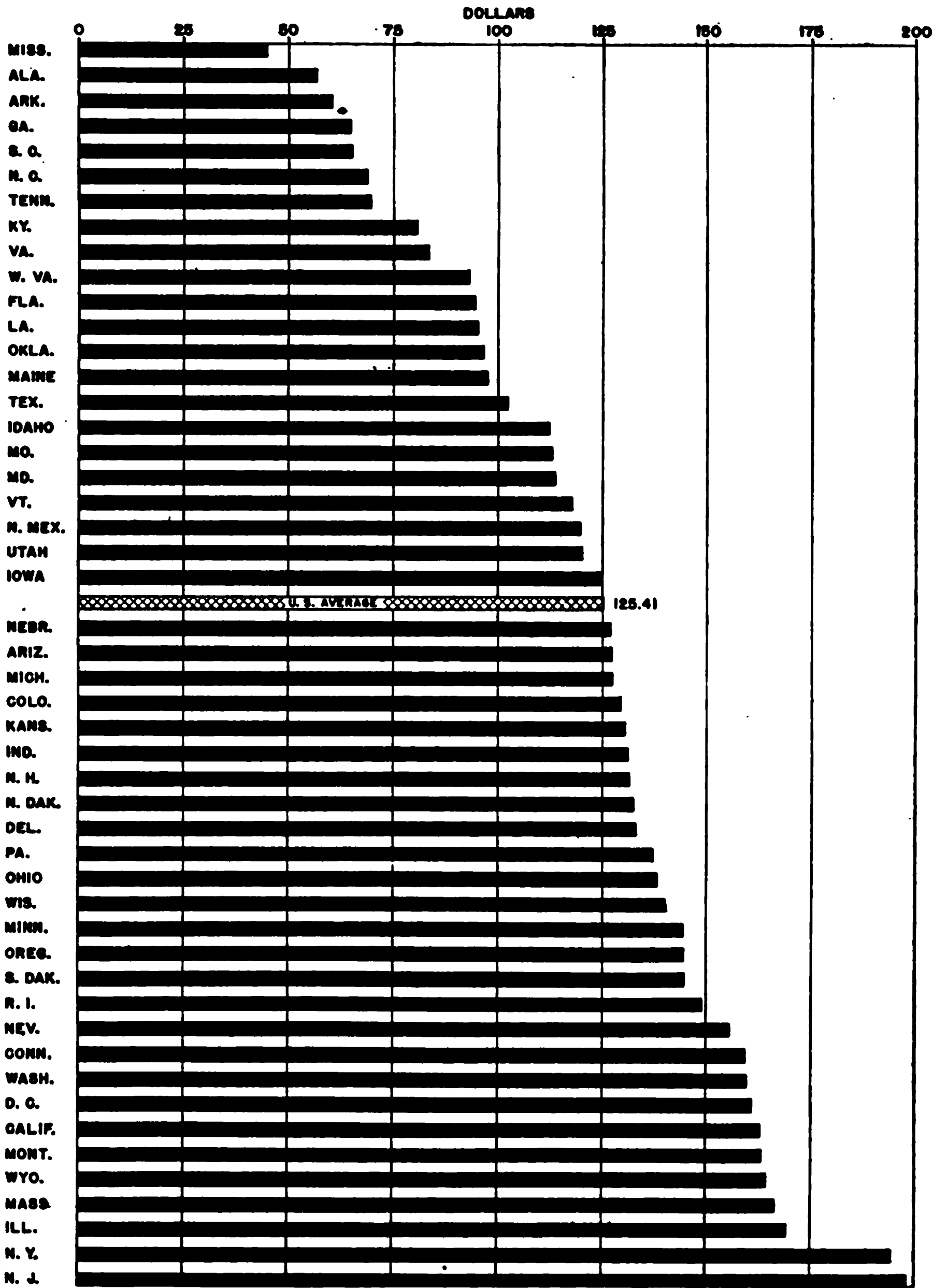
**Statistics for schools.**—Working through national committees since 1910, the U. S. Office of Education, in cooperation with the State departments of education, has brought about a considerable degree of uniformity in recording and reporting educational statistics. Since about 1930, a similar movement has been in progress with institutions of higher education, the U. S. Office of Education serving as a clearing house for uniform procedures in records and reports.

The statistics presented in the Abstract from the Biennial Survey of Education include current national totals and summaries for a period of years. The national totals are reasonably complete for the types of education covered but data are not included for private schools of art, music, drama, etc., for private trade and vocational schools, or private correspondence schools. The introduction of the junior high school, which includes the 7th and 8th grades from the traditional elementary school and the 9th grade from the regular high school, has made it impossible to compare elementary school or high school data over a period of years except on the basis of grade enrollment, 8 grades as elementary and 4 grades as secondary. Similarly the change in status of a large number of normal schools and teachers' colleges to State colleges and universities makes comparison of normal schools and teachers' colleges over a period of years nonrepresentative of the complete teacher training field. Detailed statistics on the major fields of education are published in the reports of the Biennial Survey of Education. Information on vocational education is compiled by the U. S. Office of Education (see tables 166-168). Data on vocational rehabilitation are compiled by the Office of Vocational Rehabilitation (see table 169).

Data in this section relate to continental United States except as noted.

FIGURE F.—CURRENT EXPENSE PER PUPIL IN AVERAGE DAILY ATTENDANCE, FOR PUBLIC ELEMENTARY AND SECONDARY SCHOOLS: 1945

[See table 147]



Source: Department of Commerce, Bureau of the Census. Data are from Federal Security Agency, Office of Education.

**No. 134.—PERSONS ATTENDING SCHOOL BY SINGLE YEARS OF AGE FROM 5 TO 20,  
BY SEX: 1910 TO 1940**

[Statistics for 1940 are based on attendance at or enrollment in any regular school or college, including night schools, extension schools, or vocational schools, if part of regular school system. Excludes correspondence schools. In the 3 prior censuses, school attendance question not restricted as to type of school or college. In 1940, question referred to period between Mar. 1, and Apr. 1, 1940; in 1930, to period between Sept. 1, 1929, and Apr. 1, 1930; and in 1920 and 1910, to period between preceding Sept. 1 and census date (Jan. 1)]

AGE AND SEX	1910		1920		1930		1940	
	Number	Percent of population	Number	Percent of population	Number	Percent of population	Number	Percent of population
<b>TOTAL</b>								
5 to 20 years old.....	17,646,877	59.2	21,373,976	64.3	26,849,639	69.9	26,293,224	70.8
5 years old.....	346,673	17.0	441,411	18.8	500,734	20.0	385,160	18.0
6 years old.....	1,059,353	52.1	1,480,714	63.3	1,667,486	66.3	1,420,051	60.1
7 years old.....	1,464,730	75.0	1,905,404	83.3	2,207,331	89.4	1,935,819	92.4
8 years old.....	1,586,572	82.7	2,010,894	88.5	2,451,048	94.1	2,089,528	94.8
9 years old.....	1,567,665	86.2	1,944,314	90.4	2,401,356	95.6	2,093,679	95.6
10 years old.....	1,681,342	90.0	2,077,965	93.0	2,427,254	97.1	2,209,240	95.7
11 years old.....	1,555,301	91.2	1,970,255	93.9	2,260,735	97.5	2,125,664	95.9
12 years old.....	1,716,310	89.8	2,082,749	93.2	2,408,623	97.1	2,315,270	95.5
13 years old.....	1,574,253	88.8	1,877,429	92.5	2,242,053	96.5	2,265,495	94.8
14 years old.....	1,501,456	81.2	1,766,784	86.3	2,212,825	92.9	2,224,670	92.5
15 years old.....	1,175,009	68.3	1,357,345	72.9	1,943,553	84.7	2,122,995	87.6
16 years old.....	943,511	50.6	1,001,701	50.8	1,569,839	66.3	1,897,179	76.2
17 years old.....	629,866	35.3	642,360	34.6	1,100,018	47.9	1,464,027	60.9
18 years old.....	434,864	22.6	413,619	21.7	723,524	30.7	940,105	36.4
19 years old.....	254,421	14.4	252,680	13.8	441,814	19.8	509,380	20.9
20 years old.....	155,551	8.4	148,352	8.3	291,446	13.1	294,962	12.5
<b>MALE</b>								
5 to 20 years old.....	8,833,533	59.1	10,663,547	64.1	13,521,768	70.2	13,313,771	71.2
5 years old.....	171,687	16.7	217,446	18.3	247,739	19.5	190,842	17.5
6 years old.....	529,244	51.7	739,300	62.8	832,088	65.5	710,525	68.2
7 years old.....	737,137	74.7	959,128	83.1	1,111,729	80.0	975,904	92.2
8 years old.....	797,445	82.5	1,011,506	88.3	1,234,410	94.0	1,057,382	94.7
9 years old.....	792,754	86.1	982,227	90.3	1,217,161	95.4	1,062,888	95.5
10 years old.....	848,141	89.6	1,048,389	92.9	1,226,457	96.9	1,121,202	95.6
11 years old.....	779,675	90.9	989,744	93.8	1,136,412	97.4	1,071,248	95.8
12 years old.....	864,790	89.2	1,052,583	93.0	1,222,203	96.9	1,176,278	95.3
13 years old.....	788,111	88.3	941,325	92.4	1,126,382	96.4	1,142,178	94.6
14 years old.....	755,379	80.7	890,571	86.2	1,120,653	92.9	1,122,703	92.2
15 years old.....	582,331	67.5	665,948	71.9	979,070	84.8	1,067,177	87.3
16 years old.....	456,081	49.3	470,433	48.2	777,585	65.8	945,009	75.7
17 years old.....	305,948	34.0	297,100	32.1	544,739	47.1	734,581	60.5
18 years old.....	209,687	22.1	192,481	20.5	359,527	31.1	488,650	38.1
19 years old.....	131,514	14.8	127,011	14.0	229,899	20.8	281,123	23.2
20 years old.....	83,600	9.3	78,355	9.3	155,714	14.6	166,081	14.4
<b>FEMALE</b>								
5 to 20 years old.....	8,813,344	59.4	10,710,429	64.5	13,327,871	69.7	12,979,453	70.4
5 years old.....	174,986	17.4	223,965	19.3	252,995	20.5	194,318	18.4
6 years old.....	530,109	52.4	741,414	63.9	835,398	67.1	709,526	70.1
7 years old.....	727,593	75.2	946,276	83.5	1,095,602	89.7	959,915	92.7
8 years old.....	789,127	82.8	999,388	88.6	1,216,638	94.3	1,032,146	95.0
9 years old.....	774,911	86.3	962,087	90.5	1,184,195	95.7	1,030,791	95.7
10 years old.....	833,201	90.4	1,029,576	93.2	1,200,797	97.2	1,088,038	95.8
11 years old.....	775,626	91.5	980,511	94.1	1,124,323	97.6	1,054,416	96.0
12 years old.....	851,511	90.3	1,030,166	93.4	1,186,420	97.3	1,138,992	95.7
13 years old.....	786,142	89.3	936,104	92.7	1,115,671	96.7	1,123,317	95.1
14 years old.....	746,077	81.8	876,213	86.5	1,092,172	92.9	1,101,967	92.8
15 years old.....	592,678	69.0	691,397	73.9	964,483	84.5	1,055,818	88.0
16 years old.....	487,430	51.9	531,268	53.3	792,254	66.8	952,170	76.8
17 years old.....	323,918	36.6	345,260	37.2	555,279	48.8	729,446	61.3
18 years old.....	225,177	23.0	221,138	22.8	363,997	30.3	451,455	34.7
19 years old.....	122,907	14.1	125,669	13.6	211,915	18.8	228,257	18.7
20 years old.....	71,951	7.5	69,997	7.5	135,732	11.7	128,881	10.6

Source: Dept. of Commerce, Bureau of Census; Sixteenth Census Reports, Population, Vol. IV, Part 1.

**No. 185.—SCHOOL ATTENDANCE FOR PERSONS 5 TO 24 YEARS OLD, BY AGE, BY STATES: 1940**

DIVISION AND STATE	TOTAL PERSONS 5 TO 24 YEARS OLD			5 AND 6 YEARS OLD			7 TO 13 YEARS OLD		
	Total number	Attending school		Total number	Attending school		Total number	Attending school	
		Number	Per-cent		Number	Per-cent		Number	Per-cent
<b>United States.....</b>	<b>45,351,915</b>	<b>28,759,099</b>	<b>57.7</b>	<b>4,196,792</b>	<b>1,805,211</b>	<b>43.0</b>	<b>15,528,025</b>	<b>15,034,696</b>	<b>96.9</b>
<b>New England.....</b>	<b>2,868,388</b>	<b>1,689,746</b>	<b>59.2</b>	<b>233,898</b>	<b>134,240</b>	<b>57.4</b>	<b>936,859</b>	<b>913,611</b>	<b>97.6</b>
Maine.....	296,465	184,678	62.3	28,551	17,463	61.2	106,886	104,268	97.6
New Hampshire.....	161,980	95,228	58.8	14,585	5,867	40.4	55,020	54,291	98.9
Vermont.....	124,118	73,240	59.0	11,943	4,357	36.5	43,993	42,814	97.3
Massachusetts.....	1,413,952	860,666	60.9	116,968	66,469	57.3	469,163	457,448	97.5
Rhode Island.....	242,906	139,151	57.3	19,266	10,830	56.2	79,107	77,136	97.6
Connecticut.....	599,088	336,784	56.2	43,552	29,234	67.1	181,689	177,654	97.8
<b>Middle Atlantic.....</b>	<b>9,119,520</b>	<b>5,437,451</b>	<b>59.6</b>	<b>736,123</b>	<b>401,117</b>	<b>54.5</b>	<b>3,021,693</b>	<b>2,936,471</b>	<b>97.2</b>
New York.....	4,212,569	2,554,162	60.6	340,192	210,352	61.8	1,387,881	1,346,537	97.0
New Jersey.....	1,370,822	806,993	58.9	104,491	72,311	69.2	444,351	431,608	97.1
Pennsylvania.....	3,536,429	2,076,296	58.7	291,440	116,454	40.0	1,189,461	1,158,329	97.4
<b>East North Central.....</b>	<b>8,866,317</b>	<b>5,361,499</b>	<b>60.4</b>	<b>763,027</b>	<b>385,519</b>	<b>50.7</b>	<b>2,977,921</b>	<b>2,903,121</b>	<b>97.5</b>
Ohio.....	2,296,378	1,365,601	59.5	191,624	79,188	41.3	760,317	741,262	97.5
Indiana.....	1,154,867	681,167	59.0	100,924	38,939	38.6	393,009	381,976	97.2
Illinois.....	2,521,677	1,463,310	58.0	200,868	99,478	49.4	824,368	802,646	97.4
Michigan.....	1,818,143	1,123,792	61.8	162,628	113,460	69.8	626,201	610,563	97.7
Wisconsin.....	1,075,082	667,629	62.1	97,963	55,464	56.6	375,026	366,676	97.8
<b>West North Central.....</b>	<b>4,634,123</b>	<b>2,792,794</b>	<b>60.3</b>	<b>423,431</b>	<b>226,910</b>	<b>53.4</b>	<b>1,594,097</b>	<b>1,547,316</b>	<b>97.1</b>
Minnesota.....	962,035	576,887	60.0	86,305	45,366	52.6	323,834	316,245	97.7
Iowa.....	859,804	528,057	61.2	78,234	52,188	66.7	293,826	286,683	97.6
Missouri.....	1,245,451	715,275	57.4	112,304	54,874	48.4	427,707	409,205	95.7
North Dakota.....	252,298	149,941	59.4	24,544	8,473	34.5	90,396	87,939	96.7
South Dakota.....	240,150	146,066	60.8	23,149	8,719	37.7	84,694	82,587	97.5
Nebraska.....	459,425	292,121	63.6	41,916	29,320	69.9	160,399	157,403	97.8
Kansas.....	614,900	366,427	60.0	56,979	26,960	47.2	212,239	207,304	97.7
<b>South Atlantic.....</b>	<b>7,080,678</b>	<b>3,813,689</b>	<b>53.9</b>	<b>690,476</b>	<b>309,006</b>	<b>44.8</b>	<b>2,463,615</b>	<b>2,322,462</b>	<b>94.3</b>
Delaware.....	88,599	49,290	55.6	7,527	2,893	38.3	29,157	28,377	97.3
Maryland.....	629,891	343,897	54.6	55,150	21,661	39.1	210,169	203,098	96.6
District of Columbia.....	192,497	110,040	57.2	14,499	8,950	61.7	55,253	53,901	97.6
Virginia.....	1,058,128	554,903	52.4	100,261	20,372	20.3	367,798	343,468	93.4
West Virginia.....	777,092	440,123	56.6	78,491	22,559	28.7	277,654	266,356	95.9
North Carolina.....	1,545,808	835,492	54.0	156,782	40,133	25.6	547,013	530,952	95.2
South Carolina.....	848,006	452,361	53.3	89,647	27,094	30.4	297,314	278,613	93.7
Georgia.....	1,277,118	664,607	52.0	126,907	44,592	34.6	449,662	412,299	91.6
Florida.....	663,647	363,006	54.7	60,812	20,662	34.0	229,605	214,339	93.4
<b>East South Central.....</b>	<b>4,345,197</b>	<b>2,179,471</b>	<b>50.2</b>	<b>447,491</b>	<b>112,673</b>	<b>25.2</b>	<b>1,576,134</b>	<b>1,315,861</b>	<b>83.5</b>
Kentucky.....	1,119,506	436,771	39.0	115,313	21,169	18.3	404,769	253,693	62.7
Tennessee.....	1,139,873	602,376	52.9	113,810	31,387	27.6	404,619	367,232	90.8
Alabama.....	1,180,906	646,810	54.7	123,091	28,732	23.3	433,070	400,236	92.4
Mississippi.....	904,912	494,012	54.6	96,277	31,396	32.6	333,696	294,790	88.3
<b>West South Central.....</b>	<b>5,041,639</b>	<b>2,626,562</b>	<b>52.1</b>	<b>500,697</b>	<b>144,891</b>	<b>28.9</b>	<b>1,793,001</b>	<b>1,675,677</b>	<b>93.5</b>
Arkansas.....	783,599	425,224	54.3	80,930	27,717	34.2	282,026	262,132	89.1
Louisiana.....	928,606	504,399	54.3	90,661	29,202	32.2	322,126	307,045	95.4
Oklahoma.....	903,979	555,996	61.6	91,271	31,171	34.1	322,264	311,623	96.7
Texas.....	2,425,406	1,340,931	55.3	237,725	57,727	24.3	865,566	804,877	94.1
<b>Mountain.....</b>	<b>1,544,513</b>	<b>839,753</b>	<b>54.4</b>	<b>155,273</b>	<b>57,157</b>	<b>36.8</b>	<b>542,378</b>	<b>521,360</b>	<b>96.1</b>
Montana.....	195,728	116,408	59.5	18,225	6,969	38.2	65,229	63,477	97.3
Idaho.....	197,849	120,471	60.9	19,287	6,616	34.3	68,543	67,027	97.8
Wyoming.....	91,336	53,904	59.0	8,787	3,215	36.6	30,838	30,066	97.6
Colorado.....	388,700	234,607	60.4	37,262	16,219	43.5	134,236	130,412	97.1
New Mexico.....	230,522	129,187	56.0	25,118	8,584	34.2	82,920	77,493	93.5
Arizona.....	193,006	110,416	57.2	20,539	7,914	38.5	70,430	64,197	91.3
Utah.....	223,675	144,807	64.8	22,739	8,157	35.9	79,713	78,019	97.9
Nevada.....	33,697	19,893	59.0	3,196	1,493	46.7	10,697	10,640	97.0
<b>Pacific.....</b>	<b>2,911,896</b>	<b>1,788,144</b>	<b>61.4</b>	<b>246,467</b>	<b>131,896</b>	<b>53.5</b>	<b>921,933</b>	<b>896,896</b>	<b>97.3</b>
Washington.....	540,196	316,666	58.6	46,451	17,675	37.8	171,566	166,646	97.3
Oregon.....	338,060	199,682	59.1	28,664	9,427	32.9	109,858	105,687	96.6
California.....	2,033,639	1,262,913	62.1	171,352	104,696	61.1	641,025	625,264	97.7



No. 185.—SCHOOL ATTENDANCE FOR PERSONS 5 TO 24 YEARS OLD, BY AGE, BY STATES: 1940—Continued

DIVISION AND STATE	14 AND 15 YEARS OLD			16 TO 20 YEARS OLD			21 TO 24 YEARS OLD		
	Total number	Attending school		Total number	Attending school		Total number	Attending school	
		Number	Per cent		Number	Per cent		Number	Per cent
United States.....	4,828,249	4,347,665	90.0	12,378,046	6,105,653	49.3	9,226,793	466,875	5.1
New England.....	296,400	282,189	95.2	766,936	328,515	42.8	584,296	31,188	5.3
Maine.....	32,198	29,416	91.4	76,367	31,456	41.2	52,463	2,075	4.0
New Hampshire.....	17,216	16,017	93.0	42,692	17,490	41.0	31,447	1,543	4.9
Vermont.....	13,136	11,843	90.2	32,169	13,209	41.1	23,874	1,017	4.2
Massachusetts.....	149,194	143,141	95.9	384,477	175,287	45.6	296,130	18,320	6.2
Rhode Island.....	25,999	25,036	96.3	66,160	23,933	36.1	50,374	2,226	4.4
Connecticut.....	86,657	86,736	96.7	157,071	67,153	42.8	128,108	6,007	4.7
Middle Atlantic.....	962,249	910,323	94.6	2,475,375	1,089,486	44.0	1,934,189	100,654	5.2
New York.....	430,413	414,628	96.3	1,154,846	525,636	45.5	919,237	67,109	7.3
New Jersey.....	141,301	133,864	94.8	379,258	154,768	40.8	301,221	14,442	4.8
Pennsylvania.....	380,635	361,931	95.1	961,171	409,082	42.6	713,722	28,803	4.0
East North Central.....	925,932	879,177	94.9	2,367,339	1,046,617	44.2	1,842,197	95,065	5.2
Ohio.....	242,569	232,569	95.9	621,679	287,987	46.3	479,989	24,695	5.1
Indiana.....	122,333	116,271	95.1	307,655	133,836	43.5	230,946	10,145	4.4
Illinois.....	257,066	239,844	93.3	677,014	290,891	43.0	553,542	30,452	5.5
Michigan.....	191,359	180,290	94.2	471,161	202,516	43.0	367,794	16,973	4.6
Wisconsin.....	112,616	101,203	89.9	279,621	131,387	47.0	209,836	12,900	6.1
West North Central.....	486,951	436,216	89.6	1,234,829	533,413	43.2	893,718	49,939	5.6
Minnesota.....	99,234	89,667	90.4	256,013	118,379	46.2	196,649	12,240	6.2
Iowa.....	90,162	80,959	89.8	229,663	97,962	42.7	167,979	8,265	4.9
Missouri.....	131,683	115,036	87.4	331,027	125,322	37.9	241,730	10,638	4.4
North Dakota.....	26,419	22,425	84.9	66,066	28,095	42.5	45,372	3,009	6.6
South Dakota.....	25,335	22,476	88.7	63,755	29,680	46.6	43,217	2,674	6.2
Nebraska.....	48,913	44,765	91.5	122,979	55,628	45.2	84,718	5,006	5.9
Kansas.....	66,305	60,888	91.8	166,327	83,147	50.0	114,050	8,108	7.1
South Atlantic.....	737,367	614,511	83.3	1,659,972	616,682	37.2	1,347,858	48,168	3.6
Delaware.....	8,565	7,942	92.7	24,143	9,240	38.3	19,207	818	4.3
Maryland.....	64,358	57,017	88.6	169,258	55,670	32.9	130,966	6,545	5.0
District of Columbia.....	17,456	16,806	96.3	51,294	24,054	46.9	53,995	6,329	11.7
Virginia.....	110,043	91,952	83.6	280,113	92,623	33.1	199,913	6,488	3.2
West Virginia.....	82,621	73,408	88.8	199,897	72,601	36.3	138,439	5,200	3.8
North Carolina.....	161,555	134,912	83.5	401,224	131,740	32.8	279,231	7,755	2.8
South Carolina.....	86,556	72,117	83.3	224,391	69,483	31.0	150,396	4,054	2.7
Georgia.....	128,916	101,211	78.5	330,280	98,567	29.8	239,448	6,939	2.9
Florida.....	67,487	58,146	86.2	170,372	64,618	37.9	136,271	5,041	3.7
East South Central.....	452,144	345,783	76.5	1,165,636	374,333	32.1	763,735	27,831	3.6
Kentucky.....	117,772	73,712	62.6	286,810	81,431	28.4	194,652	6,876	3.5
Tennessee.....	118,227	96,130	81.3	293,813	99,787	34.0	209,904	7,842	3.7
Alabama.....	122,490	103,331	84.4	297,311	106,569	35.8	204,944	7,452	3.6
Mississippi.....	93,655	75,610	80.7	228,261	86,556	37.9	154,033	5,661	3.7
West South Central.....	534,868	458,688	85.6	1,365,190	504,965	36.9	967,923	49,531	5.1
Arkansas.....	84,572	68,457	80.9	201,498	72,333	35.9	133,574	4,586	3.4
Louisiana.....	95,531	79,603	83.5	238,968	81,715	34.2	170,300	6,894	4.0
Oklahoma.....	98,317	88,885	90.4	236,040	109,343	46.3	156,067	10,102	6.5
Texas.....	256,446	221,743	86.5	628,684	241,574	38.4	447,983	19,010	4.2
Mountain.....	166,683	144,139	86.5	396,283	187,834	47.4	294,397	19,372	6.6
Montana.....	19,570	18,307	93.5	51,755	25,863	50.0	40,949	2,802	6.8
Idaho.....	20,421	19,102	93.5	51,504	26,168	50.8	38,094	2,568	6.7
Wyoming.....	9,003	8,478	94.2	24,000	11,191	46.6	18,708	935	5.0
Colorado.....	39,459	36,163	91.6	101,689	46,650	45.9	76,032	3,168	4.2
New Mexico.....	22,388	19,504	87.1	63,093	21,817	34.6	37,001	1,789	4.8
Arizona.....	19,296	16,930	87.7	47,496	19,399	40.8	25,143	1,963	7.8
Utah.....	28,248	22,636	80.2	67,304	32,484	48.4	40,576	3,571	8.9
Nevada.....	3,201	2,619	81.8	8,440	4,260	50.5	7,894	472	6.0
Pacific.....	294,066	262,639	89.3	792,534	421,535	53.2	656,584	52,836	8.0
Washington.....	54,161	51,673	95.4	149,124	79,066	53.0	118,905	9,328	7.8
Oregon.....	34,862	32,695	93.8	92,479	46,388	50.2	72,693	5,455	7.5
California.....	205,052	198,269	96.7	550,923	296,441	53.8	464,986	38,043	8.2

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II, Part 1.

**No. 186.—YEARS OF SCHOOL COMPLETED FOR PERSONS 25 YEARS OLD AND OVER,  
BY AGE AND SEX: 1940 AND 1947**

[1940 statistics cover total population 25 years old and over from 1940 census; 1947 figures relate to civilian population, based on Current Population Survey; see Sampling Note, p. 175]

YEAR, AGE, AND SEX	Popula- tion <sup>1</sup>	Median years of school com- pleted	YEARS OF SCHOOL COMPLETED						
			Grade school			High school		College	
			Less than 5 years <sup>2</sup>	5 and 6 years	7 and 8 years	1 to 3 years	4 years	1 to 3 years	4 years or more
APRIL 1940									
Total, 25 and over.....	74, 775, 836	8.4	10, 104, 612	8, 515, 111	25, 897, 953	11, 181, 995	10, 551, 680	4, 075, 184	3, 407, 331
25 to 29 years.....	11, 096, 638	10.4	653, 127	803, 107	2, 910, 562	2, 444, 919	2, 746, 426	800, 201	646, 974
30 to 34 years.....	10, 242, 388	9.5	724, 679	866, 307	3, 095, 654	2, 108, 419	1, 955, 554	753, 723	641, 072
35 to 44 years.....	18, 333, 220	8.6	1, 977, 080	1, 969, 161	6, 526, 024	3, 043, 314	2, 559, 923	1, 105, 955	928, 504
45 to 54 years.....	15, 512, 071	8.1	2, 571, 798	1, 985, 533	5, 789, 822	1, 928, 873	1, 657, 052	730, 080	611, 397
55 to 64 years.....	10, 572, 205	7.8	2, 045, 071	1, 483, 090	4, 076, 427	1, 041, 619	982, 768	410, 691	348, 859
65 years and over....	9, 019, 314	7.5	2, 132, 857	1, 407, 913	3, 499, 464	614, 851	649, 957	274, 534	230, 525
Male, 25 and over.....									
	37, 463, 087	8.3	5, 550, 390	4, 399, 910	13, 239, 380	5, 332, 803	4, 507, 244	1, 823, 981	2, 021, 228
25 to 29 years.....	5, 450, 662	10.1	373, 692	410, 020	1, 485, 833	1, 185, 458	1, 205, 006	366, 976	373, 061
30 to 34 years.....	5, 070, 312	9.2	405, 413	437, 620	1, 596, 597	1, 035, 006	844, 250	324, 775	370, 838
35 to 44 years.....	9, 164, 794	8.5	1, 058, 753	1, 002, 228	3, 388, 681	1, 479, 189	1, 078, 619	483, 244	545, 618
45 to 54 years.....	7, 962, 019	8.0	1, 420, 602	1, 052, 776	3, 014, 263	909, 052	719, 357	335, 515	371, 168
55 to 64 years.....	5, 409, 180	7.7	1, 151, 186	786, 274	2, 079, 724	466, 798	412, 418	189, 201	217, 570
65 years and over....	4, 406, 120	7.4	1, 140, 744	710, 992	1, 672, 282	257, 300	247, 594	124, 270	142, 973
Female, 25 and over.....									
	37, 312, 749	8.5	4, 554, 222	4, 115, 201	12, 658, 573	5, 849, 192	6, 044, 436	2, 251, 203	1, 386, 103
25 to 29 years.....	5, 645, 976	10.7	279, 435	393, 087	1, 424, 729	1, 259, 461	1, 541, 420	433, 225	273, 913
30 to 34 years.....	5, 172, 076	9.9	319, 266	428, 687	1, 497, 057	1, 073, 413	1, 111, 304	428, 948	270, 234
35 to 44 years.....	9, 168, 426	8.7	918, 327	966, 933	3, 137, 343	1, 564, 125	1, 481, 304	622, 711	382, 886
45 to 54 years.....	7, 550, 052	8.2	1, 151, 196	932, 757	2, 775, 559	1, 019, 821	937, 695	394, 565	240, 290
55 to 64 years.....	5, 163, 025	8.0	893, 885	696, 816	1, 996, 703	574, 821	570, 350	221, 490	131, 289
65 years and over....	4, 613, 194	7.6	992, 113	696, 921	1, 827, 182	357, 551	402, 363	150, 264	87, 552
APRIL 1947									
Total, 25 and over.....	82, 578, 000	9.0	8, 611, 000	7, 290, 000	25, 018, 000	13, 487, 000	16, 926, 000	5, 533, 000	4, 424, 000
25 to 29 years.....	11, 554, 000	12.0	489, 000	539, 000	1, 921, 000	2, 618, 000	4, 200, 000	1, 057, 000	641, 000
30 to 34 years.....	11, 073, 000	11.4	526, 000	582, 000	2, 481, 000	2, 379, 000	3, 430, 000	851, 000	737, 000
35 to 44 years.....	19, 983, 000	9.9	1, 280, 000	1, 446, 000	6, 037, 000	3, 748, 000	4, 283, 000	1, 591, 000	1, 409, 000
45 to 54 years.....	16, 734, 000	8.5	1, 923, 000	1, 754, 000	5, 947, 000	2, 563, 000	2, 432, 000	1, 031, 000	812, 000
55 to 64 years.....	12, 643, 000	8.1	2, 099, 000	1, 506, 000	4, 726, 000	1, 355, 000	1, 544, 000	628, 000	471, 000
65 years and over....	10, 591, 000	7.7	2, 294, 000	1, 463, 000	3, 906, 000	824, 000	1, 037, 000	375, 000	354, 000
Male, 25 and over.....									
	40, 483, 000	8.9	4, 615, 000	3, 701, 000	12, 385, 000	6, 535, 000	7, 353, 000	2, 625, 000	2, 478, 000
25 to 29 years.....	5, 540, 000	11.9	256, 000	270, 000	893, 000	1, 352, 000	1, 828, 000	559, 000	319, 000
30 to 34 years.....	5, 354, 000	11.3	288, 000	282, 000	1, 220, 000	1, 142, 000	1, 509, 000	434, 000	419, 000
35 to 44 years.....	9, 826, 000	9.6	703, 000	768, 000	3, 045, 000	1, 822, 000	1, 848, 000	728, 000	792, 000
45 to 54 years.....	8, 339, 000	8.5	975, 000	890, 000	3, 062, 000	1, 280, 000	1, 059, 000	440, 000	466, 000
55 to 64 years.....	6, 368, 000	8.0	1, 147, 000	791, 000	2, 358, 000	596, 000	694, 000	300, 000	277, 000
65 years and over....	5, 056, 000	7.5	1, 246, 000	700, 000	1, 807, 000	343, 000	415, 000	164, 000	205, 000
Female, 25 and over.....									
	42, 095, 000	9.3	3, 996, 000	3, 589, 000	12, 633, 000	6, 952, 000	9, 573, 000	2, 908, 000	1, 946, 000
25 to 29 years.....	6, 014, 000	12.1	233, 000	269, 000	1, 028, 000	1, 266, 000	2, 372, 000	498, 000	322, 000
30 to 34 years.....	5, 719, 000	11.5	238, 000	300, 000	1, 261, 000	1, 237, 000	1, 921, 000	417, 000	318, 000
35 to 44 years.....	10, 157, 000	10.2	577, 000	678, 000	2, 992, 000	1, 926, 000	2, 435, 000	863, 000	617, 000
45 to 54 years.....	8, 395, 000	8.6	948, 000	864, 000	2, 885, 000	1, 283, 000	1, 373, 000	591, 000	346, 000
55 to 64 years.....	6, 275, 000	8.2	952, 000	715, 000	2, 368, 000	759, 000	850, 000	328, 000	194, 000
65 years and over....	5, 535, 000	7.8	1, 048, 000	763, 000	2, 099, 000	481, 000	622, 000	211, 000	149, 000

<sup>1</sup> Includes 1,041,970 persons for 1940 and 1,289,000 persons for 1947, not reported by years of school completed and not shown separately in this table.

<sup>2</sup> Includes persons reporting no school years completed.

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-20, No. 6.

**No. 137.—SCHOOL ATTENDANCE OF PERSONS 5 TO 24 YEARS OLD, BY AGE, COLOR, AND SEX: 1940 AND 1947**

[1940 statistics cover total population 5 to 24 years old from 1940 census; 1947 figures relate to civilian population, based on Current Population Survey; see Sampling Note, p. 176]

YEAR, COLOR, AND AGE	TOTAL			MALE			FEMALE		
	Popu- lation	Attending school		Popu- lation	Attending school		Popu- lation	Attending school	
		Number	Per- cent		Number	Per- cent		Number	Per- cent
APRIL 1940									
Total, 5 to 24.....	48,351,915	28,759,099	57.7	23,243,897	13,614,585	58.6	25,108,218	13,144,514	56.9
5 years.....	2,142,407	385,160	18.0	1,087,811	190,842	17.5	1,054,596	194,318	18.4
6 years.....	2,054,385	1,420,061	69.1	1,041,757	710,525	68.2	1,012,628	709,526	70.1
7 to 9 years.....	6,487,830	6,119,026	94.3	3,280,256	3,096,174	94.1	3,198,575	3,022,852	94.5
10 to 13 years.....	9,340,295	8,915,669	95.5	4,734,213	4,510,906	95.3	4,605,992	4,404,763	95.6
14 to 17 years.....	9,720,419	7,706,871	79.3	4,902,896	3,969,470	78.9	4,817,523	2,839,401	79.7
18 and 19 years.....	5,018,834	1,449,485	28.9	2,495,873	769,773	30.8	2,523,461	679,712	26.9
20 to 24 years.....	11,587,836	760,837	6.6	5,692,392	468,895	8.2	5,895,443	293,942	5.0
White, 5 to 24.....	48,965,842	23,896,882	58.3	20,833,106	12,219,451	59.2	20,252,736	11,676,431	57.4
5 years.....	1,868,995	331,469	18.0	951,805	174,923	18.4	917,190	176,546	19.2
6 years.....	1,778,068	1,252,542	70.4	904,934	630,095	69.7	873,134	622,447	71.3
7 to 9 years.....	5,081,688	5,204,963	96.0	2,867,796	2,737,763	94.8	2,794,090	2,657,200	95.1
10 to 13 years.....	8,228,249	7,891,397	95.9	4,179,510	4,004,028	95.8	4,048,739	3,887,369	95.0
14 to 17 years.....	8,619,987	6,958,343	80.7	4,362,999	3,513,518	80.5	4,256,938	3,444,825	80.9
18 and 19 years.....	4,468,556	1,333,586	29.8	2,232,418	715,960	32.1	2,236,138	617,626	27.6
20 to 24 years.....	10,340,149	715,682	6.9	5,113,642	443,164	8.7	5,226,507	270,418	5.2
Nonwhite, 5 to 24.....	5,366,073	2,863,217	53.4	2,610,891	1,395,134	53.4	2,755,482	1,468,083	53.3
5 years.....	273,412	33,691	12.3	136,006	15,919	11.7	137,406	17,772	12.9
6 years.....	276,317	167,609	60.6	136,823	80,430	58.8	139,494	87,079	62.4
7 to 9 years.....	805,942	724,063	89.8	401,457	358,411	89.3	404,485	365,642	90.4
10 to 13 years.....	1,111,956	1,024,272	92.1	554,708	506,678	91.4	557,243	517,394	92.8
14 to 17 years.....	1,100,482	750,528	68.2	539,897	355,952	65.9	560,585	394,576	70.4
18 and 19 years.....	550,278	115,899	21.1	262,955	53,813	20.5	287,323	62,086	21.6
20 to 24 years.....	1,247,686	47,256	3.8	578,750	23,731	4.1	668,936	23,524	3.5
APRIL 1947									
Total, 5 to 24.....	45,129,000	26,244,000	58.2	22,324,000	13,501,000	60.5	22,805,000	12,643,000	55.4
5 years.....	2,628,000	136,000	5.2	1,342,000	54,000	4.0	1,286,000	82,000	6.4
6 years.....	2,446,000	1,644,000	67.2	1,247,000	834,000	67.0	1,199,000	810,000	67.6
7 to 9 years.....	6,915,000	6,643,000	96.1	3,521,000	3,372,000	95.8	3,394,000	3,271,000	96.4
10 to 13 years.....	8,562,000	8,354,000	97.6	4,347,000	4,245,000	97.7	4,215,000	4,109,000	97.5
14 to 17 years.....	8,689,000	7,057,000	81.2	4,377,000	3,538,000	80.8	4,312,000	3,519,000	81.6
18 and 19 years.....	4,141,000	1,148,000	27.7	1,837,000	565,000	30.8	2,304,000	583,000	25.3
20 to 24 years.....	11,748,000	1,262,000	10.7	5,653,000	993,000	17.6	6,095,000	269,000	4.4
White, 5 to 24.....	39,465,000	23,138,000	58.6	19,535,000	12,034,000	61.6	19,929,000	11,102,000	55.7
5 years.....	2,275,000	113,000	5.0	1,164,000	46,000	4.0	1,111,000	67,000	6.0
6 years.....	2,115,000	1,434,000	67.8	1,051,000	730,000	69.5	1,034,000	704,000	68.1
7 to 9 years.....	5,960,000	5,809,000	97.3	3,052,000	2,949,000	96.6	2,928,000	2,860,000	97.7
10 to 13 years.....	7,436,000	7,299,000	98.2	3,784,000	3,717,000	98.2	3,652,000	3,532,000	98.1
14 to 17 years.....	7,616,000	6,286,000	82.6	3,845,000	3,189,000	82.1	3,771,000	3,127,000	82.9
18 and 19 years.....	3,629,000	1,024,000	28.2	1,600,000	508,000	31.6	2,029,000	518,000	25.5
20 to 24 years.....	10,414,000	1,173,000	11.3	5,010,000	929,000	18.6	5,404,000	244,000	4.5
Nonwhite, 5 to 24.....	5,664,000	3,106,000	54.8	2,788,000	1,565,000	56.1	2,876,000	1,541,000	53.6
5 years.....	353,000	29,000	8.2	178,000	8,000	4.5	175,000	15,000	8.6
6 years.....	331,000	210,000	63.4	166,000	104,000	62.7	165,000	106,000	64.2
7 to 9 years.....	935,000	834,000	89.2	469,000	423,000	90.2	466,000	411,000	88.2
10 to 13 years.....	1,126,000	1,053,000	93.7	563,000	529,000	93.8	563,000	527,000	93.6
14 to 17 years.....	1,073,000	771,000	71.9	532,000	379,000	71.2	541,000	392,000	72.5
18 and 19 years.....	512,000	124,000	24.2	237,000	59,000	24.9	275,000	65,000	23.6
20 to 24 years.....	1,334,000	89,000	6.7	643,000	64,000	10.0	691,000	25,000	3.6

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-20, No. 12.

**NO. 138.—YEARS OF SCHOOL COMPLETED FOR PERSONS 25 YEARS OLD AND OVER,  
BY STATES: 1940**

DIVISION AND STATE	Persons 25 years old and over <sup>1</sup>	No school years com- pleted	GRADE SCHOOL			HIGH SCHOOL		COLLEGE	
			1 to 4 years	5 and 6 years	7 and 8 years	1 to 3 years	4 years	1 to 3 years	4 years or more
<b>United States</b> .....	<b>74,775,836</b>	<b>2,799,923</b>	<b>7,304,689</b>	<b>8,515,111</b>	<b>25,897,963</b>	<b>11,181,995</b>	<b>16,551,660</b>	<b>4,075,184</b>	<b>3,467,331</b>
<b>New England</b> .....	<b>5,066,175</b>	<b>197,963</b>	<b>312,411</b>	<b>435,297</b>	<b>1,736,816</b>	<b>572,252</b>	<b>917,209</b>	<b>241,896</b>	<b>245,272</b>
Maine.....	480,767	9,941	25,480	36,806	170,743	56,633	95,792	23,235	15,952
New Hampshire.....	293,769	7,176	16,608	23,736	115,972	48,277	49,067	16,007	12,563
Vermont.....	205,163	3,203	9,374	15,227	80,740	37,555	38,782	11,863	8,368
Massachusetts.....	2,621,072	107,312	157,311	230,830	802,467	485,239	523,701	129,863	142,009
Rhode Island.....	423,921	22,191	35,990	51,428	157,097	63,628	55,115	14,367	18,926
Connecticut.....	1,031,498	48,161	67,678	87,371	409,790	141,990	156,752	45,963	49,744
<b>Middle Atlantic</b> .....	<b>16,601,554</b>	<b>607,460</b>	<b>1,212,026</b>	<b>1,672,343</b>	<b>6,535,126</b>	<b>2,342,827</b>	<b>2,166,546</b>	<b>667,152</b>	<b>523,762</b>
New York.....	8,430,789	468,965	851,312	992,784	3,342,826	1,249,189	1,124,789	341,711	461,810
New Jersey.....	2,533,379	108,869	194,742	269,227	984,451	350,945	339,535	101,500	127,436
Pennsylvania.....	5,637,686	228,902	467,072	710,332	2,207,843	762,723	721,936	223,941	234,516
<b>East North Central</b> .....	<b>15,752,048</b>	<b>342,362</b>	<b>1,092,089</b>	<b>1,573,455</b>	<b>5,287,424</b>	<b>2,455,796</b>	<b>2,242,713</b>	<b>524,654</b>	<b>644,992</b>
Ohio.....	4,103,918	82,075	262,345	448,225	1,552,356	670,750	659,232	203,026	180,800
Indiana.....	2,004,404	26,496	128,583	198,156	832,051	305,547	311,116	103,483	76,394
Illinois.....	4,828,402	131,567	329,951	433,548	2,021,466	704,587	688,452	258,083	215,477
Michigan.....	3,006,579	72,149	233,024	295,864	1,082,156	556,526	456,404	158,090	121,201
Wisconsin.....	1,808,745	30,073	139,136	197,863	799,395	221,295	227,509	101,972	70,060
<b>West North Central</b> .....	<b>7,863,710</b>	<b>195,979</b>	<b>477,371</b>	<b>701,506</b>	<b>2,363,316</b>	<b>1,064,526</b>	<b>1,152,335</b>	<b>511,345</b>	<b>339,911</b>
Minnesota.....	1,600,308	23,112	96,387	142,370	722,875	208,219	224,501	106,815	67,093
Iowa.....	1,471,287	5,496	52,157	107,067	642,643	221,061	267,551	101,440	61,024
Missouri.....	2,289,742	43,273	189,531	250,461	908,382	285,366	287,979	120,761	96,180
North Dakota.....	237,844	6,962	29,412	33,239	147,860	54,751	36,474	25,959	11,638
South Dakota.....	344,948	4,082	20,878	30,213	157,039	44,106	44,419	28,321	13,020
Nebraska.....	751,863	7,179	37,785	58,796	306,438	120,702	128,831	64,689	32,029
Kansas.....	1,047,618	11,975	52,221	79,350	442,888	155,428	173,580	74,460	47,927
<b>South Atlantic</b> .....	<b>9,054,545</b>	<b>454,194</b>	<b>1,622,449</b>	<b>1,643,965</b>	<b>2,192,691</b>	<b>1,309,787</b>	<b>996,164</b>	<b>493,392</b>	<b>407,642</b>
Delaware.....	158,428	5,204	15,233	20,673	49,321	27,408	22,126	6,734	5,184
Maryland.....	1,054,688	29,702	131,850	188,422	326,593	136,291	122,497	43,964	50,371
Dist. of Columbia.....	430,743	6,707	28,468	41,298	108,258	65,456	86,840	41,066	47,282
Virginia.....	1,875,568	78,783	244,666	244,605	324,478	177,690	160,726	81,730	60,616
West Virginia.....	928,303	34,393	118,975	162,209	349,367	90,309	84,854	46,937	31,163
North Carolina.....	1,649,820	95,414	337,639	309,347	344,891	226,446	152,816	88,664	67,036
South Carolina.....	841,138	66,074	225,993	146,746	120,659	117,962	73,419	39,899	30,309
Georgia.....	1,533,488	99,917	361,954	279,681	299,926	210,517	140,821	73,099	60,512
Florida.....	1,082,389	48,002	167,674	190,964	269,658	186,700	164,039	66,100	53,109
<b>East South Central</b> .....	<b>5,337,185</b>	<b>256,968</b>	<b>1,040,512</b>	<b>945,491</b>	<b>1,497,327</b>	<b>631,336</b>	<b>477,965</b>	<b>223,165</b>	<b>159,781</b>
Kentucky.....	1,440,929	58,533	232,370	229,441	541,380	139,667	120,367	60,100	42,486
Tennessee.....	1,497,866	62,453	262,198	269,253	434,133	182,608	160,672	71,665	45,916
Alabama.....	1,354,736	90,853	300,060	263,177	291,899	176,660	117,615	66,097	38,900
Mississippi.....	1,043,384	69,119	246,884	183,620	229,915	132,201	89,291	45,303	31,419
<b>West South Central</b> .....	<b>6,799,801</b>	<b>491,047</b>	<b>1,058,107</b>	<b>1,641,327</b>	<b>1,606,209</b>	<b>1,149,426</b>	<b>866,894</b>	<b>405,493</b>	<b>271,552</b>
Arkansas.....	968,286	37,345	186,515	177,723	286,967	123,387	89,819	39,173	21,594
Louisiana.....	1,204,647	154,482	275,222	303,207	206,002	144,162	117,809	61,125	42,316
Oklahoma.....	1,213,129	29,814	133,893	161,857	400,487	178,273	154,828	81,177	67,223
Texas.....	3,413,739	179,426	462,477	499,140	712,744	604,604	450,439	234,018	160,419
<b>Mountain</b> .....	<b>2,390,427</b>	<b>79,732</b>	<b>162,268</b>	<b>178,424</b>	<b>715,679</b>	<b>342,484</b>	<b>266,901</b>	<b>187,642</b>	<b>119,518</b>
Montana.....	315,147	4,980	18,510	25,094	125,342	46,630	49,437	27,184	15,079
Idaho.....	274,871	2,468	11,963	18,474	106,679	46,694	44,048	26,504	12,185
Wyoming.....	136,725	2,570	7,151	9,816	46,654	24,826	28,417	12,275	6,963
Colorado.....	637,936	14,840	42,366	50,996	216,187	103,850	113,771	50,806	37,782
New Mexico.....	247,295	26,498	40,993	28,411	56,979	32,343	30,212	16,533	10,991
Arizona.....	283,122	22,514	26,648	28,120	65,054	37,261	38,315	19,363	15,620
Utah.....	267,853	3,930	10,797	16,274	79,019	57,136	52,542	20,291	16,324
Nevada.....	67,468	1,987	3,940	4,297	20,465	11,726	13,159	6,686	4,404
<b>Pacific</b> .....	<b>6,176,151</b>	<b>181,076</b>	<b>325,816</b>	<b>422,893</b>	<b>1,938,479</b>	<b>1,078,649</b>	<b>1,302,967</b>	<b>514,642</b>	<b>291,901</b>
Washington.....	1,074,077	12,994	50,140	73,034	287,470	183,102	212,056	86,356	59,484
Oregon.....	678,619	6,706	28,404	42,416	252,466	116,758	126,247	57,709	36,757
California.....	4,420,555	111,377	246,972	307,363	1,298,543	778,789	964,654	370,578	295,690

<sup>1</sup> Includes 1,041,970 persons not reported by years of school completed and not shown separately in this table.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II.

**No. 139.—MEDIAN YEARS OF SCHOOL COMPLETED FOR PERSONS 25 YEARS OLD AND OVER, BY RACE AND BY URBAN AND RURAL RESIDENCE, BY STATES: 1940**

[For definition of median, see p. 117]

DIVISION AND STATE	MEDIAN YEARS OF SCHOOL COMPLETED							
	Total	Race				Residence		
		Native white	Foreign-born white	Negro	Other races	Urban	Rural-non-farm	Rural-farm
<b>United States</b> .....	8.4	8.8	7.9	5.7	6.8	8.7	8.4	7.7
<b>New England</b> .....	8.8	10.0	7.8	7.8	7.0	8.8	8.9	8.6
Maine.....	8.9	9.6	7.6	7.8	7.1	9.1	9.0	8.7
New Hampshire.....	8.7	9.1	7.4	8.1	.....	8.0	8.9	8.7
Vermont.....	8.8	9.0	7.8	8.0	.....	9.5	8.8	8.6
Massachusetts.....	9.0	10.7	7.4	8.0	6.9	9.0	9.3	8.6
Rhode Island.....	8.8	.....	8.8	7.6	6.6	8.3	8.3	8.2
Connecticut.....	8.6	9.1	7.1	7.6	7.7	8.4	8.7	8.3
<b>Middle Atlantic</b> .....	8.4	8.8	7.2	7.5	6.1	8.4	.....	8.1
New York.....	8.4	9.0	7.4	7.8	6.0	8.4	8.7	8.3
New Jersey.....	8.4	8.8	7.2	7.2	6.6	8.4	8.4	7.9
Pennsylvania.....	8.2	8.6	6.9	7.1	6.7	8.4	8.1	8.0
<b>East North Central</b> .....	8.5	8.6	7.3	7.5	7.5	8.7	8.5	8.1
Ohio.....	8.6	8.8	6.9	7.4	7.2	8.7	8.5	8.2
Indiana.....	8.5	8.6	7.2	7.6	7.5	8.7	8.5	8.2
Illinois.....	8.5	8.8	7.4	7.7	8.7	8.6	8.3	8.1
Michigan.....	8.6	9.0	7.5	7.6	7.0	8.8	8.6	8.1
Wisconsin.....	8.3	8.5	7.3	7.5	7.3	8.6	8.4	7.9
<b>West North Central</b> .....	8.5	8.7	7.6	7.4	7.0	8.9	8.6	8.1
Minnesota.....	8.5	8.7	7.6	8.4	7.0	8.9	8.4	8.0
Iowa.....	8.7	8.8	7.8	8.0	7.7	9.6	8.7	8.4
Missouri.....	8.3	8.4	7.5	7.2	8.3	8.6	8.3	7.9
North Dakota.....	8.3	8.5	7.5	7.3	5.8	9.3	8.4	7.9
South Dakota.....	8.6	8.7	7.6	8.3	6.9	10.9	8.6	8.1
Nebraska.....	8.8	.....	7.6	8.0	6.1	9.9	8.8	8.3
Kansas.....	8.7	8.8	7.3	7.9	7.8	9.3	8.7	8.4
<b>South Atlantic</b> .....	7.8	8.5	7.7	4.9	5.3	8.8	7.7	6.5
Delaware.....	8.5	8.9	7.0	6.1	.....	6.7	8.6	7.7
Maryland.....	8.0	8.4	6.8	5.8	6.2	8.0	8.3	7.4
District of Columbia.....	10.3	12.1	8.3	7.6	8.0	10.3	.....	.....
Virginia.....	7.7	8.3	8.3	5.0	6.6	8.7	7.7	6.6
West Virginia.....	7.8	7.9	5.7	6.5	.....	8.7	7.6	7.3
North Carolina.....	7.4	6.1	10.6	5.1	4.9	8.6	7.6	6.6
South Carolina.....	6.7	8.7	9.1	3.9	3.6	8.7	6.9	5.5
Georgia.....	7.1	8.4	8.9	4.2	7.7	8.1	7.5	6.0
Florida.....	8.3	9.6	8.3	5.2	5.8	8.9	7.9	7.1
<b>East South Central</b> .....	7.5	8.1	8.0	5.9	3.3	8.4	7.7	6.7
Kentucky.....	7.7	7.8	7.8	6.2	7.3	8.4	7.7	7.2
Tennessee.....	7.7	8.0	8.3	5.8	6.4	8.4	7.8	7.0
Alabama.....	7.1	8.2	8.1	4.5	4.4	8.3	7.3	6.1
Mississippi.....	7.1	8.9	8.0	4.7	2.2	8.7	8.0	6.3
<b>West South Central</b> .....	8.1	8.7	4.5	5.3	7.0	8.9	8.1	7.1
Arkansas.....	7.5	8.1	7.8	5.3	7.0	8.9	7.8	6.9
Louisiana.....	6.6	8.2	6.9	3.9	1.0	7.9	6.5	6.5
Oklahoma.....	8.4	8.5	7.7	7.0	7.1	9.9	8.2	7.7
Texas.....	8.5	9.3	8.9	6.1	6.7	9.5	8.7	7.5
<b>Mountain</b> .....	8.9	8.4	7.5	7.8	2.7	10.9	8.7	8.3
Montana.....	8.7	9.1	7.7	7.9	6.5	9.6	8.7	8.3
Idaho.....	.....	9.2	7.9	7.4	6.6	10.5	8.9	8.6
Wyoming.....	9.2	9.9	7.5	7.9	7.2	10.3	9.3	8.6
Colorado.....	8.9	9.4	7.4	8.5	7.4	9.9	8.7	8.3
New Mexico.....	7.9	8.2	4.6	7.3	0.9	9.4	7.6	6.7
Arizona.....	8.6	9.6	5.5	7.4	1.0	9.6	8.6	7.2
Utah.....	10.3	10.7	7.9	8.4	5.3	10.8	9.7	9.0
Nevada.....	9.6	10.7	7.6	7.8	4.8	10.5	9.5	8.4
<b>Pacific</b> .....	9.7	10.5	7.9	8.3	7.7	10.4	8.9	8.4
Washington.....	9.1	10.0	8.1	8.1	8.0	10.1	8.9	8.4
Oregon.....	9.1	9.6	8.1	8.3	7.6	10.3	8.9	8.5
California.....	9.9	10.8	7.8	8.3	7.6	10.5	8.9	8.8

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II.

No. 140.—MEDIAN YEARS OF SCHOOL COMPLETED BY PERSONS 5 TO 24 YEARS OLD, BY SINGLE YEARS OF AGE: 1940

[Medians for persons 5 and 6 years old attending school, and for those 5 to 7 years old not attending school may be assumed to be less than 1.0 years. For definition of median, see p. 117]

AGE AND SCHOOL ATTENDANCE	Total	Male	Female	WHITE		NONWHITE		Urban	Rural-non-farm	Rural-farm
				Male	Female	Male	Female			
ATTENDING SCHOOL										
7 years old.....	1.5	1.5	1.6	1.5	1.6	1.4	1.5	1.6	1.5	1.5
8 years old.....	2.4	2.3	2.4	2.4	2.5	1.9	2.1	2.5	2.3	2.3
9 years old.....	3.3	3.2	3.4	3.3	3.4	2.6	2.8	3.4	3.2	3.1
10 years old.....	4.2	4.1	4.3	4.2	4.4	3.2	3.6	4.3	4.1	4.0
11 years old.....	5.2	5.1	5.3	5.1	5.3	3.9	4.4	5.3	5.1	4.9
12 years old.....	6.1	6.0	6.2	6.1	6.3	4.5	5.1	6.3	6.0	5.7
13 years old.....	7.1	6.9	7.2	7.0	7.3	5.2	5.9	7.3	6.9	6.7
14 years old.....	8.1	7.9	8.2	8.0	8.3	6.1	6.7	8.3	7.9	7.6
15 years old.....	9.1	8.9	9.2	9.0	9.3	6.9	7.6	9.2	8.9	8.6
16 years old.....	10.0	9.9	10.2	10.0	10.3	7.9	8.7	10.2	10.0	9.6
17 years old.....	11.1	10.9	11.2	11.0	11.2	9.2	9.8	11.2	11.0	10.7
18 years old.....	11.7	11.6	11.8	11.6	11.8	10.2	10.6	11.8	11.6	11.4
19 years old.....	12.5	12.3	12.6	12.4	12.7	11.0	11.3	12.7	12.3	11.9
20 years old.....	13.4	13.3	13.4	13.4	13.5	11.6	11.9	13.6	13.3	12.6
21 years old.....	14.4	14.3	14.4	14.4	14.5	12.4	12.6	14.5	14.4	13.5
22 years old.....	14.8	14.9	14.4	15.0	14.5	13.2	12.8	14.9	14.8	13.9
23 years old.....	14.9	15.2	14.0	15.2	14.1	13.3	12.8	15.1	14.9	14.1
24 years old.....	15.0	15.3	13.7	15.4	13.8	13.6	12.6	15.1	15.0	14.1
NOT ATTENDING SCHOOL										
8 years old.....	1.8	1.7	1.9	2.0	2.2	-----	1.0	2.2	1.7	1.6
9 years old.....	2.7	2.6	2.9	2.8	3.1	1.4	1.7	3.2	2.6	2.4
10 years old.....	3.4	3.3	3.7	3.6	4.0	1.9	2.2	4.2	3.3	3.0
11 years old.....	4.3	4.1	4.5	4.4	4.9	2.4	2.8	5.1	4.2	3.8
12 years old.....	4.9	4.6	5.3	5.1	5.7	2.8	3.5	6.1	4.8	4.3
13 years old.....	5.7	5.2	6.2	6.0	6.6	3.3	4.1	7.0	5.4	4.9
14 years old.....	6.7	6.2	7.2	6.9	7.6	3.9	4.9	7.8	6.4	6.1
15 years old.....	7.5	7.0	7.9	7.7	8.2	4.6	5.7	8.3	7.2	7.1
16 years old.....	8.2	7.9	8.4	8.2	8.6	5.2	6.5	8.8	8.0	7.6
17 years old.....	8.7	8.4	8.9	8.7	9.2	5.8	7.1	9.5	8.5	8.1
18 years old.....	9.8	9.2	10.3	9.6	10.7	6.3	7.5	10.8	9.4	8.4
19 years old.....	10.6	10.1	11.1	10.4	11.6	6.7	7.9	11.6	10.2	8.7
20 years old.....	10.7	10.3	11.1	10.7	11.7	6.7	7.7	11.7	10.4	8.7
21 years old.....	10.9	10.4	11.4	10.8	11.9	6.8	7.9	11.9	10.5	8.8
22 years old.....	10.9	10.5	11.4	10.9	11.9	6.6	7.7	12.0	10.6	8.7
23 years old.....	10.9	10.6	11.2	10.9	11.8	6.7	7.7	11.9	10.5	8.7
24 years old.....	10.8	10.5	11.0	10.9	11.7	6.7	7.7	11.7	10.5	8.7

Source: Dept. of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. IV, Part 1.

No. 141.—MEDIAN YEARS OF SCHOOL COMPLETED BY PERSONS 14 TO 24 YEARS OLD, BY SCHOOL ATTENDANCE, AGE, AND SEX: 1940 AND 1947

[1940 statistics cover total population 14 to 24 years old from 1940 census; 1947 figures relate to civilian population based on Current Population Survey; see Sampling Note, p. 175. For definition of median, see p. 117]

YEAR AND AGE	ATTENDING SCHOOL			NOT ATTENDING SCHOOL		
	Total	Male	Female	Total	Male	Female
APRIL 1940						
14 to 24 years old.....	9.9	9.8	10.0	10.3	9.8	10.7
14 to 17 years old.....	9.3	9.2	9.5	8.0	7.7	8.3
18 and 19 years old.....	11.8	11.5	12.0	10.3	9.7	10.8
20 to 24 years old.....	13.9	14.0	13.7	10.9	10.5	11.3
APRIL 1947						
14 to 24 years old.....	10.0	10.0	10.0	11.3	10.4	12.0
14 to 17 years old.....	9.3	9.1	9.6	8.5	8.0	9.0
18 and 19 years old.....	11.6	11.4	11.8	11.2	10.0	12.0
20 to 24 years old.....	13.0	12.8	14.0	11.9	11.0	12.1

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-20, No. 15.



**No. 142.—MEDIAN WAGE OR SALARY INCOME IN 1939 FOR NATIVE WHITE AND NEGRO MALES 25 TO 64 YEARS OLD, BY YEARS OF SCHOOL COMPLETED: 1940**

[Statistics based on Sample B; see p. 1. Data are for persons in urban and rural nonfarm areas with \$1 or more of wage or salary income and without other income in 1939. For definitions, see headnote, table 322]

COLOR AND YEARS OF SCHOOL COMPLETED	MEDIAN WAGE OR SALARY INCOME BY AGE OF MALE					
	Total, 25 to 64 years old	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years
<b>Native white male, total</b> .....	<b>\$1,217</b>	<b>\$1,017</b>	<b>\$1,229</b>	<b>\$1,370</b>	<b>\$1,349</b>	<b>\$1,000</b>
No school years completed.....	473	407	471	486	503	463
Grade school: 1 to 4 years.....	585	406	497	620	694	508
5 and 6 years.....	818	565	730	893	952	825
7 and 8 years.....	1,014	820	1,019	1,228	1,280	1,095
High school: 1 to 3 years.....	1,274	1,024	1,259	1,480	1,556	1,332
4 years.....	1,454	1,176	1,473	1,764	1,875	1,711
College: 1 to 3 years.....	1,651	1,330	1,654	1,915	1,953	1,618
4 years or more.....	2,046	1,567	1,998	2,465	2,679	2,395
School years not reported.....	1,092	901	1,104	1,180	1,229	917
<b>Negro male, total</b> .....	<b>520</b>	<b>448</b>	<b>527</b>	<b>560</b>	<b>541</b>	<b>480</b>
No school years completed.....	365	316	348	387	373	364
Grade school: 1 to 4 years.....	406	345	390	446	424	402
5 and 6 years.....	521	410	507	570	600	559
7 and 8 years.....	656	522	633	711	732	682
High school: 1 to 3 years.....	679	596	682	755	753	678
4 years.....	775	689	770	856	902	787
College: 1 to 3 years.....	820	704	792	888	968	875
4 years or more.....	1,047	882	1,000	1,157	1,201	1,103
School years not reported.....	491	389	597	571	458	429

Source: Department of Commerce, Bureau of the Census; Population—Special Reports, Series P-46, No. 5.

**No. 143.—MEDIAN MONTHLY RENTAL VALUE OF HOME FOR NATIVE WHITE AND NEGRO MALES 25 TO 64 YEARS OLD, BY YEARS OF SCHOOL COMPLETED: 1940**

[Statistics based on Sample B; see p. 1. Data are for persons in urban and rural-nonfarm areas reporting rental value of home. "Median monthly rental value," as used here, is synonymous with "median contract or estimated monthly rent" as used and defined in table 910]

COLOR AND YEARS OF SCHOOL COMPLETED	MEDIAN MONTHLY RENT BY AGE OF MALE					
	Total, 25 to 64 years old	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years
<b>Native white male, total</b> .....	<b>\$25.87</b>	<b>\$22.93</b>	<b>\$24.28</b>	<b>\$26.85</b>	<b>\$28.36</b>	<b>\$26.88</b>
No school years completed.....	9.28	8.88	8.86	9.00	9.89	9.37
Grade school: 1 to 4 years.....	11.00	7.08	8.16	10.02	12.80	13.26
5 and 6 years.....	15.81	10.56	12.36	15.77	18.40	18.49
7 and 8 years.....	22.68	17.39	18.97	23.08	26.10	25.88
High school: 1 to 3 years.....	25.78	21.73	23.80	27.59	30.77	30.08
4 years.....	32.59	26.67	29.36	35.91	40.49	40.42
College: 1 to 3 years.....	37.30	33.11	34.78	39.49	41.06	39.79
4 years or more.....	47.55	40.88	43.02	50.39	58.24	56.61
School years not reported.....	24.44	22.01	23.24	24.92	26.36	23.90
<b>Negro male, total</b> .....	<b>10.53</b>	<b>9.06</b>	<b>9.82</b>	<b>11.13</b>	<b>11.61</b>	<b>10.63</b>
No school years completed.....	6.80	5.67	5.98	6.65	7.35	7.21
Grade school: 1 to 4 years.....	7.48	6.07	6.62	7.68	8.23	8.39
5 and 6 years.....	9.77	7.35	8.60	10.45	11.96	11.47
7 and 8 years.....	14.11	11.01	12.66	15.48	17.19	14.70
High school: 1 to 3 years.....	15.05	13.36	14.03	16.92	18.53	14.47
4 years.....	19.03	16.25	18.35	21.70	21.83	20.21
College: 1 to 3 years.....	20.70	18.80	18.70	22.12	23.48	21.39
4 years or more.....	24.19	20.86	21.29	25.14	26.26	26.32
School years not reported.....	9.77	9.12	9.79	9.83	9.32	10.75

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, Education—Educational Attainment by Economic Characteristics and Marital Status.

No. 144.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SUMMARY: 1870 TO 1945

ITEM	1870	1880	1890	1900	1910
Total population.....	<sup>1</sup> 38, 558, 371	<sup>1</sup> 50, 155, 783	<sup>1</sup> 62, 622, 250	<sup>1</sup> 75, 602, 515	<sup>1</sup> 91, 972, 266
Population 5-17 years, inclusive.....	<sup>1</sup> 12, 055, 443	<sup>1</sup> 15, 065, 767	<sup>1</sup> 18, 543, 201	<sup>1</sup> 21, 404, 322	<sup>1</sup> 24, 239, 948
Percent of total population.....	31. 3	30. 0	29. 6	28. 3	26. 4
Pupils enrolled in public schools.....	6, 871, 522	9, 867, 395	12, 722, 631	15, 503, 110	17, 813, 852
Percent of total population.....	17. 82	19. 67	20. 32	20. 51	19. 37
Percent of population 5-17, inclusive....	57. 00	65. 50	68. 61	72. 43	73. 49
Average daily attendance.....	4, 077, 347	6, 144, 143	8, 153, 635	10, 632, 772	12, 827, 307
Percent of pupils enrolled.....	59. 3	62. 3	64. 1	68. 6	72. 0
Average number of days schools in session..	132. 2	130. 3	134. 7	144. 3	157. 5
Average number of days attended per en- rolled pupil.....	78. 4	81. 1	86. 3	99. 0	113. 0
Number of teachers.....	200, 515	286, 593	363, 922	423, 062	523, 210
Male.....	77, 529	122, 795	125, 525	126, 588	110, 481
Female.....	122, 986	163, 798	238, 397	296, 474	412, 729
Percent male teachers.....	38. 7	42. 8	34. 5	29. 9	21. 1
Salaries: Teachers, supervisors, and prin- cipals (thousands of dollars).....	37, 833	55, 943	91, 836	137, 688	<sup>2</sup> 253, 915
Average annual salary per teacher.....	\$189	\$195	\$252	\$325	\$485
Total expenditure for education (thousands of dollars) <sup>3</sup> .....	63, 397	78, 095	140, 507	214, 965	426, 250
Per capita of total population.....	\$1. 64	\$1. 56	\$2. 24	\$2. 84	\$4. 63
Per capita of population 5-17, inclusive..	\$5. 26	\$5. 18	\$7. 58	\$10. 04	\$17. 58
Per pupil enrolled.....	\$9. 23	\$7. 91	\$11. 04	\$13. 87	\$23. 93
Per pupil in average attendance.....	\$15. 55	\$12. 71	\$17. 23	\$20. 22	\$33. 23

ITEM	1920	1930	1940	1942	1944	1945
Total population.....	<sup>1</sup> 105, 710, 620	<sup>1</sup> 122, 775, 046	<sup>1</sup> 131, 660, 275	<sup>4</sup> 134, 664, 924	<sup>4</sup> 138, 063, 449	<sup>4</sup> 139, 585, 518
Population 5-17 years, inclu- sive.....	<sup>1</sup> 27, 728, 788	<sup>1</sup> 31, 571, 322	<sup>1</sup> 29, 745, 246	<sup>4</sup> 29, 183, 560	<sup>4</sup> 28, 930, 000	<sup>4</sup> 28, 871, 228
Percent of total population.....	26. 2	25. 7	22. 6	21. 7	21. 0	20. 7
Pupils enrolled in public schools.....	21, 578, 316	25, 678, 015	25, 433, 542	24, 562, 473	23, 266, 616	23, 225, 784
Percent of total population.....	20. 4	20. 9	19. 3	18. 2	16. 9	16. 6
Percent of population 5-17, inclusive.....	77. 8	81. 3	85. 5	84. 2	80. 4	80. 4
Average daily attendance.....	16, 150, 035	21, 264, 886	22, 042, 151	21, 031, 322	19, 602, 772	19, 671, 396
Percent of pupils enrolled..	74. 8	82. 8	86. 7	85. 6	84. 3	84. 7
Average number of days schools in session.....	161. 9	172. 7	175. 0	174. 7	175. 5	175. 8
Average number of days at- tended per enrolled pupil....	121. 2	143. 0	151. 7	149. 6	147. 9	148. 9
Number of teachers.....	679, 533	854, 263	875, 477	858, 888	827, 990	826, 373
Male.....	95, 666	141, 771	194, 725	183, 194	126, 672	127, 102
Female.....	583, 867	712, 492	680, 752	675, 694	701, 318	699, 271
Percent male teachers.....	14. 1	16. 6	22. 2	21. 3	15. 3	15. 4
Salaries: Teachers, supervisors, and principals (thousands of dollars).....	590, 120	1, 250, 427	1, 314, 342	1, 353, 151	1, 494, 507	1, 595, 933
Average annual salary per teacher <sup>5</sup> .....	\$871	\$1, 420	\$1, 441	\$1, 507	\$1, 728	\$1, 846
Total expenditure for education (thousands of dollars) <sup>3</sup> .....	1, 036, 151	2, 316, 790	2, 344, 049	2, 322, 698	2, 452, 581	2, 638, 666
Per capita of total popula- tion.....	\$9. 80	\$18. 87	\$17. 77	\$17. 25	\$17. 76	\$18. 90
Per capita of population 5-17, inclusive.....	\$37. 37	\$73. 38	\$78. 65	\$79. 59	\$84. 78	\$91. 39
Per pupil enrolled <sup>6</sup> .....	\$48. 02	\$89. 84	\$91. 64	\$94. 21	\$105. 04	\$113. 23
Per pupil in average at- tendance <sup>6</sup> .....	\$84. 16	\$108. 49	\$105. 74	\$110. 03	\$124. 67	\$133. 69

<sup>1</sup> Census enumeration as of June 1, 1870 to 1900; Apr. 15, 1910; Jan. 1, 1920; Apr. 1, 1930 and 1940.  
<sup>2</sup> Excluding population of Indian Territory which is not covered by public-school statistics, and also, for 1890, population of Indian reservations. These were not enumerated at censuses prior to 1890.  
<sup>3</sup> Current expense, capital outlays, and interest.  
<sup>4</sup> Census estimates for July 1.  
<sup>5</sup> Beginning 1920, based on total number of teachers, supervisors, and principals.  
<sup>6</sup> Beginning 1920, excludes data for night, summer, part-time, and continuation schools separately reported.

Source (except for population statistics and estimates): Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistical Summary of Education and chapter on Statistics of State School Systems. 1945 data from statistical circular, February 1947, Statistics of State School Systems, 1944-45.

**No. 145.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—NUMBER, 1944,  
ENROLLMENT AND ATTENDANCE, 1945, BY STATES AND OUTLYING AREAS**

(Includes data for kindergartens. Excludes data for residential schools for exceptional children, observation and practice schools, and preparatory departments of colleges and universities)

DIVISION, STATE, OR OUTLYING AREA	NUMBER OF SCHOOLS, 1944			1945 <sup>1</sup>			
	Total	Elementary	Secondary	Average number days in session	Pupils enrolled	Average daily attendance	High-school graduates
<b>Continental U. S.</b>	<b>199,578</b>	<b>169,905</b>	<b>28,973</b>	<b>175.8</b>	<b>23,225,784</b>	<b>12,571,396</b>	<b>944,536</b>
<b>New England</b>	<b>8,534</b>	<b>7,340</b>	<b>1,194</b>	<b>175.2</b>	<b>1,295,377</b>	<b>1,067,175</b>	<b>60,129</b>
Maine	1,926	1,704	222	177.6	149,380	131,521	6,203
New Hampshire	1,723	1,594	129	174.1	65,587	57,601	3,497
Vermont	1,125	1,035	90	161.1	52,547	49,436	2,196
Massachusetts	2,434	1,697	547	177.6	392,172	314,334	31,339
Rhode Island	382	322	60	180.0	95,047	80,812	4,226
Connecticut	944	808	136	180.7	251,644	223,971	12,519
<b>Middle Atlantic</b>	<b>19,536</b>	<b>16,844</b>	<b>2,792</b>	<b>181.7</b>	<b>3,965,255</b>	<b>3,451,540</b>	<b>194,496</b>
New York	7,661	6,671	1,190	179.9	1,640,016	1,506,225	86,847
New Jersey	1,924	1,594	330	182.2	610,459	532,669	30,618
Pennsylvania	9,851	8,579	1,272	183.0	1,535,780	1,352,646	77,031
<b>East North Central</b>	<b>35,673</b>	<b>31,700</b>	<b>4,973</b>	<b>175.2</b>	<b>4,339,730</b>	<b>3,786,700</b>	<b>209,925</b>
Ohio	5,244	4,003	1,241	175.7	1,128,903	1,006,961	57,079
Indiana	3,534	2,596	938	170.6	641,910	534,535	29,683
Illinois	12,804	11,306	1,438	187.2	1,148,195	954,458	55,676
Michigan	8,853	8,000	853	180.0	935,295	859,517	39,500
Wisconsin	5,238	5,733	505	177.9	485,537	431,229	27,697
<b>West North Central</b>	<b>45,407</b>	<b>41,804</b>	<b>4,603</b>	<b>175.6</b>	<b>2,353,527</b>	<b>1,950,828</b>	<b>114,174</b>
Minnesota	7,284	6,630	654	172.8	464,304	395,227	23,387
Iowa	9,963	8,962	961	176.0	471,639	386,021	23,067
Missouri	7,507	6,675	832	183.7	620,844	496,088	26,679
North Dakota	4,216	3,767	449	168.5	115,532	100,790	5,182
South Dakota	4,476	4,141	337	173.6	112,824	97,565	5,616
Nebraska	6,586	5,958	628	176.6	230,666	200,783	13,613
Kansas	5,373	5,652	720	178.1	337,715	271,784	16,410
<b>South Atlantic</b>	<b>24,334</b>	<b>21,523</b>	<b>4,811</b>	<b>176.9</b>	<b>3,665,226</b>	<b>3,129,167</b>	<b>111,167</b>
Delaware	217	168	49	160.7	42,780	36,284	1,682
Maryland	1,179	966	213	185.7	267,473	260,109	9,999
District of Columbia	121	96	25	178.8	92,102	77,762	3,504
Virginia	3,978	3,402	576	180.0	549,827	467,297	16,859
West Virginia	4,812	4,421	391	170.6	405,571	363,275	13,231
North Carolina	4,493	3,513	980	178.4	805,818	713,146	26,929
South Carolina	4,085	3,694	491	171.5	430,228	362,036	11,385
Georgia	5,015	3,813	1,402	174.0	672,864	546,480	17,340
Florida	2,424	1,750	674	172.0	361,573	322,743	10,068
<b>East South Central</b>	<b>23,364</b>	<b>19,067</b>	<b>4,297</b>	<b>161.7</b>	<b>2,325,525</b>	<b>1,903,005</b>	<b>50,177</b>
Kentucky	6,692	5,785	907	162.5	528,311	415,478	12,307
Tennessee	5,624	5,067	557	167.1	602,731	509,678	14,396
Alabama	5,108	3,925	1,173	169.2	539,622	529,165	13,764
Mississippi	4,945	4,290	655	148.0	558,861	448,684	9,720
<b>West South Central</b>	<b>22,367</b>	<b>17,567</b>	<b>4,800</b>	<b>168.8</b>	<b>2,563,213</b>	<b>2,077,249</b>	<b>87,104</b>
Arkansas	4,613	3,894	719	163.0	401,662	315,742	10,175
Louisiana	3,074	2,521	553	169.0	431,479	366,965	13,657
Oklahoma	4,945	3,997	948	169.6	493,407	381,026	16,739
Texas	9,735	7,175	2,560	173.7	1,236,665	1,013,614	46,835
<b>Mountain</b>	<b>8,779</b>	<b>7,509</b>	<b>1,270</b>	<b>174.8</b>	<b>327,676</b>	<b>270,681</b>	<b>34,994</b>
Montana	1,808	1,611	197	175.1	90,908	78,090	4,499
Idaho	1,204	1,012	192	172.5	108,206	98,040	4,961
Wyoming	1,264	1,161	103	170.0	48,896	41,220	2,617
Colorado	2,313	1,955	358	177.5	190,518	170,276	8,804
New Mexico	869	717	152	180.0	122,235	94,397	2,939
Arizona	533	468	65	168.2	103,572	91,444	3,117
Utah	535	376	159	177.9	138,508	122,432	7,119
Nevada	257	211	46	177.4	24,833	19,192	848
<b>Pacific</b>	<b>7,764</b>	<b>6,539</b>	<b>1,225</b>	<b>175.1</b>	<b>1,952,255</b>	<b>1,696,163</b>	<b>60,538</b>
Washington	1,523	1,158	365	173.6	378,400	292,917	14,402
Oregon	1,648	1,376	272	176.6	205,632	176,453	9,514
California	4,593	4,005	588	175.0	1,368,223	1,125,733	36,622
<b>Alaska</b>	<b>87</b>	<b>62</b>	<b>25</b>	<b>174.4</b>	<b>6,608</b>	<b>5,112</b>	<b>(*)</b>
<b>Canal Zone</b>	<b>26</b>	<b>16</b>	<b>10</b>	<b>203.2</b>	<b>6,448</b>	<b>5,779</b>	<b>(*)</b>
<b>Hawaii</b>	<b>184</b>	<b>143</b>	<b>41</b>	<b>166.0</b>	<b>82,498</b>	<b>76,244</b>	<b>(*)</b>
<b>Puerto Rico</b>	<b>1,841</b>	<b>1,569</b>	<b>272</b>	<b>190.0</b>	<b>309,565</b>	<b>275,734</b>	<b>(*)</b>
<b>Virgin Islands</b>	<b>22</b>	<b>19</b>	<b>3</b>	<b>182.0</b>	<b>3,803</b>	<b>3,397</b>	<b>(*)</b>

1944 data for outlying areas.

<sup>1</sup> Not available.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, Chapter on Statistics of State School Systems, and statistical circular, February 1947, Statistics of State School Systems, 1944-45.

**No. 146.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—NUMBERS AND SALARIES OF TEACHERS, BY STATES AND OUTLYING AREAS: 1940 TO 1945**

DIVISION, STATE, OR OUTLYING AREA	NUMBER OF TEACHERS <sup>1</sup>			Per- cent of teach- ers, male, 1945	NUMBER OF PUPILS PER TEACHER <sup>2</sup>			SALARIES OF TEACHERS, SUPERVISORS AND PRINCIPALS			
	1940	1944	1945		1940	1944	1945	Total, 1945 (1,000 dollars)	Average salary (dollars)		
									1940	1944	1945
Continental U. S.	875,477	827,990	826,373	15.4	25.2	23.7	23.9	1,595,933	1,441	1,728	1,846
New England	49,330	49,409	48,614	14.9				103,385	1,748	1,985	2,067
Maine	6,156	5,881	5,760	12.9	24.1	23.9	22.8	7,273	894	1,158	1,244
New Hampshire	2,945	2,939	2,915	15.3	22.9	19.5	19.8	4,383	1,258	1,366	1,467
Vermont	2,553	2,805	2,495	10.7	21.3	19.1	19.9	3,748	981	1,165	1,308
Massachusetts	24,769	23,977	22,464	17.4	25.4	21.6	22.9	56,944	2,087	2,219	2,386
Rhode Island	3,758	3,706	3,303	15.5	25.4	21.8	21.1	8,051	1,609	2,042	2,117
Connecticut	9,519	10,401	10,567	11.4	26.5	20.8	21.2	22,986	1,851	2,019	2,085
Middle Atlantic	163,500	150,376	148,950	19.4				334,221	2,167	2,332	2,438
New York	80,553	69,008	68,211	17.4	23.8	23.0	23.0	199,517	2,504	2,726	2,763
New Jersey	26,984	25,522	25,210	14.5	23.5	21.1	21.1	65,109	2,092	2,353	2,457
Pennsylvania	60,963	56,046	55,529	24.0	27.4	24.5	24.4	119,295	1,640	1,972	2,009
East North Central	164,354	154,190	153,838	17.1				339,456	1,870	1,928	2,062
Ohio	43,671	39,234	39,199	21.2	25.7	25.5	25.7	86,103	1,587	1,912	2,122
Indiana	21,459	20,878	21,018	21.6	27.5	27.3	25.4	45,860	1,433	1,833	2,017
Illinois	45,955	42,712	43,279	15.5	23.8	22.3	22.1	97,821	1,700	2,018	2,139
Michigan	32,715	31,955	31,966	12.9	26.3	25.0	26.9	72,109	1,576	2,013	2,147
Wisconsin	20,553	19,411	20,395	14.4	23.7	23.3	21.2	37,561	1,379	1,705	1,844
West North Central	115,716	105,841	105,388	12.3				189,844	1,642	1,836	1,944
Minnesota	21,080	19,014	18,612	11.4	21.5	20.4	21.2	33,551	1,276	1,567	1,757
Iowa	22,480	21,135	22,139	17.6	19.5	18.1	17.4	31,686	1,017	1,289	1,357
Missouri	26,423	23,697	23,264	13.0	22.7	22.4	21.4	33,546	1,159	1,410	1,442
North Dakota	7,292	6,729	6,782	8.1	17.2	15.0	14.9	8,873	745	1,059	1,314
South Dakota	7,837	7,123	7,116	11.2	15.3	13.7	13.7	9,592	807	1,158	1,307
Nebraska	12,760	12,503	12,184	8.0	17.6	16.0	15.6	17,164	829	1,159	1,379
Kansas	16,904	15,649	15,181	9.9	19.6	18.1	17.9	25,180	1,014	1,313	1,501
South Atlantic	126,914	121,212	122,403	11.6				186,069	1,614	1,823	1,921
Delaware	1,626	1,801	1,586	15.0	24.1	22.3	22.6	3,276	1,684	1,932	1,975
Maryland	8,639	8,515	8,759	13.2	29.8	28.9	28.6	19,072	1,642	2,099	2,080
District of Columbia	3,057	3,154	3,134	12.3	27.1	24.6	24.8	5,741	2,380	2,610	2,633
Virginia	17,734	17,320	18,585	10.8	27.9	26.5	25.1	26,822	899	1,306	1,376
West Virginia	14,262	15,324	15,053	21.3	28.9	23.5	24.1	23,070	1,170	1,508	1,536
North Carolina	24,530	24,553	24,534	8.7	32.2	29.7	29.1	35,806	946	1,342	1,382
South Carolina	15,042	15,081	15,089	9.2	25.6	24.1	24.0	15,313	743	973	1,064
Georgia	22,846	22,863	22,899	11.6	26.6	25.9	24.2	24,773	770	923	1,077
Florida	13,189	12,602	13,064	8.3	24.8	24.5	24.7	22,197	1,012	1,390	1,621
East South Central	72,127	71,083	69,886	11.6				81,688	786	1,013	1,123
Kentucky	18,802	18,801	16,685	13.2	25.2	24.7	24.9	21,950	826	1,169	1,236
Tennessee	20,147	19,423	19,352	13.9	26.5	25.3	26.3	25,745	802	1,062	1,324
Alabama	19,405	19,438	19,466	10.3	29.2	27.1	27.2	21,022	744	1,009	1,080
Mississippi	14,773	15,416	14,363	9.2	32.1	28.9	31.2	12,941	559	790	843
West South Central	83,691	85,641	84,396	11.2				127,944	987	1,287	1,439
Arkansas	12,852	12,306	12,770	17.2	29.1	26.0	24.7	11,724	584	845	918
Louisiana	14,530	14,399	13,412	12.6	26.8	25.1	27.4	21,370	1,006	1,427	1,515
Oklahoma	20,204	16,023	15,581	18.0	24.0	24.1	24.5	26,298	1,014	1,429	1,543
Texas	45,205	42,913	42,623	10.4	24.7	23.4	23.8	68,552	1,079	1,329	1,524
Mountain	32,662	31,602	32,164	17.9				57,681	1,296	1,588	1,731
Montana	5,195	4,739	5,132	15.5	18.9	16.5	15.8	7,471	1,184	1,453	1,466
Idaho	4,513	3,968	3,861	17.2	25.5	22.9	24.1	6,474	1,057	1,379	1,610
Wyoming	2,551	2,344	2,410	12.7	18.5	17.8	17.1	4,019	1,169	1,471	1,586
Colorado	8,918	8,199	8,164	14.0	22.3	20.5	20.9	14,594	1,393	1,600	1,730
New Mexico	3,798	3,587	3,553	21.2	28.0	25.9	25.3	7,084	1,144	1,456	1,729
Arizona	2,384	3,427	3,530	17.7	26.1	25.4	25.9	7,582	1,544	1,903	2,097
Utah	4,417	4,506	4,494	20.9	28.0	27.2	27.2	8,797	1,394	1,792	1,966
Nevada	680	932	920	13.2	20.1	20.9	20.9	1,889	1,557	1,876	1,953
Pacific	56,183	59,435	59,524	20.5				161,774	2,181	2,413	2,545
Washington	10,583	11,340	11,637	16.0	25.9	24.5	25.2	28,965	1,706	2,099	2,304
Oregon	7,296	7,188	7,355	12.1	22.8	23.2	23.9	16,391	1,333	1,809	2,026
California	38,304	40,007	40,502	23.4	27.6	26.2	27.6	116,518	2,251	2,616	2,749
Alaska <sup>4</sup>	302	286	(5)	(5)	(5)	17.9	(5)	(5)	(5)	2,471	(5)
American Samoa	65	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
Canal Zone	300	229	(5)	(5)	(5)	25.2	(5)	(5)	1,634	1,994	(5)
Guam	139	(5)	(5)	(5)	(5)	(5)	(5)	(5)	309	(5)	(5)
Hawaii	3,091	2,766	(5)	(5)	(5)	27.6	(5)	(5)	1,830	1,812	(5)
Philippine Islands	41,627	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
Puerto Rico	6,066	6,965	(5)	(5)	(5)	39.8	(5)	(5)	834	1,106	(5)
Virgin Islands	117	142	(5)	(5)	(5)	23.9	(5)	(5)	680	880	(5)

<sup>1</sup> Excludes supervisors and principals except when not reported separately.

<sup>2</sup> Number in average daily attendance.

<sup>3</sup> For 1938.

<sup>4</sup> Data do not include Federal schools for natives.

<sup>5</sup> Not available.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, Chapter on Statistics of State School Systems, and statistical circular, February 1947, Statistics of State School Systems, 1944-45.

**No. 147.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—VALUE OF PROPERTY, 1944, AND EXPENDITURES, 1945, BY STATES AND OUTLYING AREAS**

[In thousands of dollars, except averages per pupil]

DIVISION, STATE, OR OUTLYING AREA	VALUE OF SCHOOL PROPERTY, 1944		EXPENDITURES, 1945					
	Total	Per pupil <sup>1</sup>	Total	Current expense for full-time day schools		Capital outlay	Interest payments	Other <sup>2</sup>
				Total	Per pupil <sup>1</sup>			
<b>Continental U. S.</b>	7,928,136	\$484	2,535,666	2,467,016	\$125.41	76,134	86,796	8,726
<b>New England</b>	557,819	526	164,690	159,670	151.03	1,353	2,322	1,646
Maine	39,630	283	13,174	12,857	97.75	140	154	24
New Hampshire	24,995	434	7,794	7,573	131.48	142	78	—
Vermont	15,630	327	5,994	5,829	117.90	124	41	—
Massachusetts	320,384	619	87,506	85,724	166.67	311	451	822
Rhode Island	51,334	634	18,066	11,964	148.96	89	965	29
Connecticut	105,846	488	37,353	35,724	169.50	547	912	171
<b>Middle Atlantic</b>	2,354,629	644	647,900	595,536	172.54	8,146	40,507	2,712
New York	1,215,035	765	332,421	304,577	194.47	4,366	20,165	2,313
New Jersey	366,495	679	112,740	105,646	198.33	936	6,759	899
Pennsylvania	672,999	491	202,739	185,312	137.00	2,844	14,583	—
<b>East North Central</b>	1,648,660	488	577,881	541,060	142.88	17,642	16,423	2,785
Ohio	448,013	448	147,618	139,214	138.25	3,335	4,660	408
Indiana	213,803	376	73,236	70,177	131.29	1,832	1,227	—
Illinois	595,574	626	172,569	161,322	169.32	6,135	6,141	—
Michigan	386,456	465	119,878	109,788	127.73	4,874	5,216	—
Wisconsin	204,710	473	64,551	60,549	140.41	1,466	179	2,357
<b>West North Central</b>	831,429	419	262,945	250,188	128.24	8,460	4,301	—
Minnesota	209,960	541	58,848	57,027	144.29	1,331	490	—
Iowa	143,889	376	49,534	48,186	124.83	457	690	—
Missouri	187,243	353	61,806	58,386	113.07	4,129	1,292	—
North Dakota	39,298	391	14,124	13,360	132.55	469	295	—
South Dakota	42,779	438	14,698	14,110	144.62	347	241	—
Nebraska	83,030	415	26,687	25,561	127.26	568	568	—
Kansas	125,229	—	37,247	35,562	130.85	1,160	525	—
<b>South Atlantic</b>	718,501	339	274,711	257,445	62.01	9,686	6,797	783
Delaware	19,497	546	5,190	4,821	133.05	235	110	24
Maryland	90,810	369	30,693	28,507	113.96	817	1,219	180
District of Columbia	64,202	697	13,214	12,521	161.02	527	—	166
Virginia	99,037	216	42,115	39,013	63.49	2,306	505	291
West Virginia	93,755	260	35,388	33,851	93.18	1,153	383	—
North Carolina	128,896	177	52,936	49,146	68.91	1,827	1,963	—
South Carolina	57,567	158	25,143	23,594	65.17	1,003	508	38
Georgia	85,503	156	36,255	35,477	64.92	600	127	51
Florida	89,233	285	33,779	30,516	94.53	1,218	1,962	63
<b>East South Central</b>	396,914	158	126,346	119,378	62.73	4,524	1,769	375
Kentucky	87,702	212	36,135	33,630	80.94	1,917	587	—
Tennessee	70,500	143	36,506	35,524	69.70	719	263	—
Alabama	66,711	127	32,150	30,124	56.93	1,312	338	375
Mississippi	72,000	162	21,556	20,100	44.80	876	580	—
<b>West South Central</b>	536,871	259	210,755	194,660	93.71	10,334	5,718	46
Arkansas	47,249	147	20,952	19,026	60.26	1,196	724	8
Louisiana	84,158	233	36,894	34,975	95.31	740	1,098	41
Oklahoma	97,731	253	38,790	36,812	96.61	1,061	987	—
Texas	307,733	306	114,123	103,847	102.46	7,267	3,099	—
<b>Mountain</b>	256,429	367	96,146	92,855	130.65	3,383	1,910	1
Montana	39,094	500	13,210	12,600	103.42	296	54	—
Idaho	30,118	332	10,941	10,452	112.34	256	203	—
Wyoming	16,739	420	7,246	6,795	164.84	241	210	—
Colorado	69,618	413	23,289	22,046	129.47	621	622	—
New Mexico	23,950	258	11,684	11,325	119.98	139	219	—
Arizona	23,656	271	12,809	11,664	127.55	977	258	—
Utah	44,848	366	15,723	14,721	120.24	708	294	—
Nevada	8,409	432	3,157	2,992	155.88	114	51	1
<b>Pacific</b>	627,678	420	275,067	254,238	160.64	12,365	6,643	—
Washington	113,954	408	50,157	46,802	139.78	2,796	558	—
Oregon	74,057	444	29,800	25,809	144.56	1,143	149	—
California	439,667	410	198,131	183,927	163.38	8,366	5,837	—
Alaska	2,248	440	1,096	1,069	212.79	8	—	—
Canal Zone	2,537	440	842	820	142.14	7	—	15
Hawaii	18,262	240	6,150	5,598	77.35	252	—	—
Puerto Rico	17,062	62	11,221	11,096	40.09	66	—	80
Virgin Islands	—	—	208	204	60.09	—	—	4

<sup>1</sup> Average per pupil in average daily attendance.

<sup>2</sup> Expenditures for evening, summer, part-time and continuation schools when separately reported.

<sup>3</sup> 1944 data. City school systems only.

<sup>4</sup> 1944 data.

Estimated.

<sup>5</sup> 1942 data.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of State School Systems, and statistical circular, February 1947, Statistics of State School Systems, 1944-45.

No. 148.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, WHITE AND NEGRO, FOR 18 STATES: 1940, 1942, AND 1944

STATE	ENROLLMENT IN—						AVERAGE DAYS ATTENDANCE PER PUPIL ENROLLED	
	White schools			Negro schools			White	Negro
	1940	1942	1944	1940	1942	1944	1944	1944
Total, 18 States.....	7, 608, 378	7, 350, 663	6, 893, 598	2, 428, 842	2, 386, 471	2, 276, 742	145. 0	123. 4
Alabama.....	447, 109	432, 096	413, 567	239, 658	234, 642	228, 468	138. 4	137. 9
Arkansas.....	351, 320	332, 801	300, 898	114, 019	108, 305	99, 999	132. 7	111. 8
Delaware.....	37, 130	35, 542	34, 356	6, 916	6, 963	6, 876	158. 4	152. 0
District of Columbia.....	58, 872	58, 829	54, 132	37, 298	37, 691	38, 055	146. 2	151. 1
Florida.....	266, 438	266, 073	257, 004	102, 776	102, 963	98, 648	152. 7	145. 3
Georgia.....	472, 395	452, 448	426, 126	265, 584	260, 646	256, 023	143. 9	127. 2
Kentucky.....	560, 193	534, 149	488, 278	43, 871	40, 958	37, 166	125. 4	138. 0
Louisiana.....	298, 455	288, 324	269, 347	174, 565	173, 511	163, 248	149. 8	131. 5
Maryland.....	227, 299	227, 131	222, 800	59, 926	59, 843	59, 247	164. 4	156. 8
Mississippi.....	302, 402	303, 039	275, 097	292, 397	290, 389	272, 496	135. 8	104. 6
Missouri.....	652, 238	643, 628	584, 004	48, 402	51, 151	47, 814	154. 0	152. 5
North Carolina.....	616, 007	604, 428	568, 919	270, 477	267, 337	256, 634	161. 4	152. 7
Oklahoma.....	564, 239	469, 649	427, 418	47, 579	40, 615	36, 474	140. 3	150. 4
South Carolina.....	265, 845	262, 580	249, 042	215, 905	212, 630	204, 942	145. 9	124. 2
Tennessee.....	538, 759	528, 954	503, 686	109, 372	106, 782	102, 734	134. 6	139. 7
Texas.....	1, 107, 226	1, 087, 264	1, 043, 438	221, 596	216, 059	199, 547	141. 9	128. 6
Virginia.....	417, 860	406, 658	391, 937	150, 271	147, 719	142, 841	155. 3	151. 1
West Virginia.....	424, 591	415, 070	383, 549	28, 230	28, 267	25, 531	151. 3	157. 1

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of State School Systems.

No. 149.—PRIVATE ELEMENTARY AND SECONDARY SCHOOLS—ESTIMATED ENROLLMENT, BY STATES: 1945

[Includes data for kindergartens. Excludes data for residential schools for exceptional children, observation and practice schools, and preparatory departments of colleges and universities]

STATE	Total	Elementary	Secondary	STATE	Total	Elementary	Secondary
Continental U. S. . .	2, 724, 572	2, 205, 796	518, 776	Missouri.....	82, 765	69, 130	13, 635
Alabama.....	13, 557	10, 512	3, 045	Montana.....	7, 716	6, 215	1, 501
Arizona.....	5, 597	5, 061	536	Nebraska.....	24, 375	19, 653	4, 722
Arkansas.....	7, 610	6, 011	1, 599	Nevada.....	323	323	-----
California.....	100, 751	79, 875	20, 876	New Hampshire.....	23, 436	18, 444	4, 992
Colorado.....	18, 622	14, 548	4, 074	New Jersey.....	128, 878	106, 393	22, 485
Connecticut.....	58, 957	47, 524	11, 433	New Mexico.....	9, 911	8, 272	1, 639
Delaware.....	7, 302	6, 055	1, 247	New York.....	421, 035	348, 234	72, 801
District of Columbia.....	17, 622	12, 529	5, 093	North Carolina.....	5, 442	3, 544	1, 898
Florida.....	10, 171	7, 120	3, 051	North Dakota.....	10, 259	8, 482	1, 777
Georgia.....	9, 589	5, 957	3, 632	Ohio.....	164, 667	132, 497	31, 590
Idaho.....	2, 834	2, 321	513	Oklahoma.....	10, 515	8, 414	2, 101
Illinois.....	253, 963	204, 734	49, 229	Oregon.....	12, 742	9, 560	3, 182
Indiana.....	58, 943	50, 636	8, 307	Pennsylvania.....	299, 856	241, 803	58, 053
Iowa.....	47, 649	36, 947	10, 702	Rhode Island.....	33, 702	27, 786	5, 916
Kansas.....	26, 131	21, 534	4, 597	South Carolina.....	4, 765	3, 191	1, 574
Kentucky.....	44, 021	34, 435	9, 586	South Dakota.....	8, 221	6, 827	1, 334
Louisiana.....	67, 978	55, 809	12, 169	Tennessee.....	13, 309	7, 899	5, 410
Maine.....	28, 066	21, 467	6, 599	Texas.....	59, 117	50, 521	8, 596
Maryland.....	52, 782	43, 211	9, 571	Utah.....	1, 512	964	548
Massachusetts.....	164, 876	132, 772	31, 604	Vermont.....	10, 606	7, 717	2, 889
Michigan.....	148, 078	116, 438	31, 640	Virginia.....	15, 594	8, 937	6, 657
Minnesota.....	68, 702	57, 784	10, 918	Washington.....	22, 021	17, 014	5, 607
Mississippi.....	9, 466	7, 148	2, 318	West Virginia.....	8, 464	5, 926	2, 538
				Wisconsin.....	121, 716	106, 311	15, 405
				Wyoming.....	1, 438	1, 251	187

Source: Federal Security Agency, Office of Education; release, June 6, 1947.



**No. 150.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, BY GRADE: 1934 TO 1944**

SCHOOL AND GRADE	1934	1935	1936	1940	1943	1944
Pupils enrolled, total.....	26,434,193	26,367,096	25,975,106	25,433,542	24,562,473	23,266,816
Elementary schools, total.....	20,765,937	20,392,561	19,748,174	18,832,089	18,174,669	17,712,896
Kindergarten.....	601,776	606,753	607,094	594,647	625,783	607,468
First.....	3,716,852	3,530,325	3,317,144	3,018,463	2,930,702	2,878,843
Second.....	2,631,728	2,557,589	2,486,550	2,333,076	2,215,100	2,220,739
Third.....	2,612,246	2,524,736	2,444,381	2,331,559	2,175,245	2,162,878
Fourth.....	2,573,010	2,498,741	2,402,617	2,321,667	2,196,732	2,079,788
Fifth.....	2,433,441	2,432,991	2,342,428	2,247,692	2,166,018	2,010,635
Sixth.....	3,288,061	3,319,470	3,252,722	3,176,133	3,124,494	3,097,806
Seventh.....	2,187,119	2,181,987	2,173,173	2,107,667	2,060,752	1,964,997
Eighth.....	1,780,815	1,739,969	1,722,125	1,700,964	1,679,782	1,608,942
High schools, total.....	5,668,156	5,974,537	6,226,934	6,601,444	6,387,806	5,553,920
First year.....	1,855,026	1,970,072	1,979,579	2,011,341	1,927,040	1,774,593
Second year.....	1,540,254	1,619,862	1,669,281	1,767,312	1,705,746	1,519,638
Third year.....	1,209,180	1,249,409	1,379,396	1,485,803	1,450,788	1,230,168
Fourth year.....	1,005,375	1,064,469	1,180,506	1,281,733	1,273,141	1,090,611
Postgraduate.....	59,321	70,725	48,370	55,453	31,090	19,810

**No. 151.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—CURRENT EXPENSE PER PUPIL, BY PURPOSE: 1930 TO 1944**

PURPOSE	CURRENT EXPENSE (EXCLUDING INTEREST)							
	1930		1940		1943		1944	
	Per pupil <sup>1</sup>	Percent	Per pupil <sup>1</sup>	Percent	Per pupil <sup>1</sup>	Percent	Per pupil <sup>1</sup>	Percent
Total.....	\$36.70	100.0	\$36.69	100.0	\$36.31	100.0	\$116.99	100.0
General control.....	3.70	4.3	4.15	4.7	4.82	4.9	5.64	4.8
Instruction.....	61.97	71.5	63.66	72.3	69.32	70.5	81.14	69.4
Salaries.....	58.80	67.9	59.63	67.7	64.90	68.0	76.24	65.2
Textbooks and supplies.....	2.17	3.6	4.02	4.6	4.42	4.5	4.90	4.2
Operation.....	10.16	11.7	8.82	10.0	9.97	10.3	12.18	10.4
Maintenance.....	3.71	4.3	3.33	3.9	3.75	3.9	3.96	3.4
Auxiliary services.....	4.80	5.5	5.06	5.6	6.51	6.7	8.66	7.4
Fixed charges.....	2.36	2.7	2.27	2.6	3.64	3.9	5.43	4.6
Capital outlay.....	17.44	-----	11.70	-----	6.54	-----	4.94	-----
Interest.....	4.35	-----	5.94	-----	5.17	-----	2.75	-----

<sup>1</sup> Average per pupil in average daily attendance.

Source of tables 150 and 151: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of State School Systems.

**No. 152.—HIGH-SCHOOL AND COLLEGE GRADUATES—NUMBER, BY SEX: 1870 TO 1944**

[Data cover graduates of both public and private institutions]

YEAR OF GRADUATION	HIGH SCHOOL			COLLEGE		
	Total	Men	Women	Total	Men	Women
1870.....	16,000	7,064	8,936	9,371	7,591	1,780
1880.....	23,634	10,505	13,029	10,353	7,968	2,485
1890.....	43,731	18,549	25,182	14,306	10,157	4,149
1900.....	94,893	38,076	56,808	25,394	17,230	8,164
1910.....	156,429	63,676	92,753	34,178	22,557	11,621
1920.....	311,266	123,664	187,582	48,623	31,980	16,642
1930.....	666,904	300,376	366,528	122,484	73,615	48,869
1940.....	1,221,475	578,718	642,757	186,500	109,546	76,954
1942.....	1,242,375	576,717	665,658	185,346	103,889	81,457
1944.....	1,019,233	423,971	595,262	126,875	55,576	69,999

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistical Summary of Education.

No. 153.—SCHOOL AND COLLEGE ENROLLMENTS AND EXPENDITURES: 1920 TO 1944

ITEM	1920	1930	1940	1942	1944
ENROLLMENT					
Elementary and kindergarten, total <sup>1</sup> .....	20,864,488	23,588,479	21,044,924	20,356,500	19,829,900
Kindergarten:					
Public.....	481,206	723,443	594,647	625,783	697,468
Private.....	29,683	54,456	57,341	<sup>2</sup> 57,341	<sup>2</sup> 57,341
Elementary:					
Public.....	18,897,661	20,555,150	18,286,906	17,588,723	17,063,473
Private.....	1,455,878	2,255,430	2,106,030	2,084,653	<sup>2</sup> 2,021,618
Secondary students, total <sup>1</sup> .....	2,495,676	4,799,867	7,113,282	6,923,538	6,626,890
Public high schools.....	2,200,389	4,399,422	6,601,444	6,387,806	5,553,520
Private high schools.....	213,920	<sup>4</sup> 341,158	457,768	483,195	420,961
Public and private institutions of higher edu- cation.....	81,367	59,287	54,070	52,538	46,409
Students in institutions of higher education, total.....	597,880	1,100,737	1,494,203	1,403,990	<sup>2</sup> 1,155,272
Normal schools and teachers' college.....	135,435	176,462	177,045	144,945	85,902
Colleges, universities, and professional schools.....	462,445	924,275	1,317,158	1,259,045	1,069,370
Percent of total population in institutions of higher education.....	0.57	0.90	1.13	1.04	<sup>2</sup> 0.84
EXPENDITURES (thousands of dollars) <sup>6</sup>					
Public elementary and secondary schools <sup>1</sup> .....	1,086,151	2,316,790	2,344,049	2,322,698	2,452,581
Private elementary and secondary schools <sup>1</sup> .....	(7)	233,277	227,000	236,000	<sup>2</sup> 264,331
Public institutions of higher education <sup>6</sup> .....	115,597	288,909	<sup>6</sup> 832,592	<sup>6</sup> 329,472	<sup>6</sup> 401,921
Private institutions of higher education <sup>6</sup> .....	100,769	343,340	<sup>6</sup> 273,163	<sup>6</sup> 293,195	<sup>6</sup> 279,352

<sup>1</sup> Excludes pupils in residential schools for exceptional children.    <sup>2</sup> Figure for 1940.    <sup>3</sup> Estimated.  
<sup>4</sup> Figure for 1928.    <sup>5</sup> Includes 277,755 full-time regular session military students.    <sup>6</sup> Includes outlays.    <sup>7</sup> No data.  
<sup>8</sup> Expenditures for all departments, including preparatory.  
<sup>9</sup> Excludes expenditures for auxiliary enterprises and activities included in prior years, amounting to \$59,034,000 for public institutions and \$98,665,000 for private institutions for 1940; \$68,406,000 and \$97,297,000, respectively for 1942; and \$98,286,000 and \$121,986,000 for 1944.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistical Summary of Education.

No. 154.—JUNIOR COLLEGES—NUMBER AND ENROLLMENT: 1918 TO 1944

YEAR	ALL SCHOOLS REPORTING		PUBLICLY CONTROLLED		PRIVATELY CONTROLLED	
	Number	Enrollment	Number	Enrollment	Number	Enrollment
1918.....	46	4,504	14	1,367	32	3,137
1920.....	52	8,102	10	2,940	42	5,162
1922.....	80	12,124	17	4,771	63	7,353
1924.....	132	20,559	39	9,240	93	11,319
1926.....	153	27,095	47	13,869	106	13,226
1928.....	248	44,855	114	28,437	134	16,418
1930.....	277	55,616	129	36,501	148	19,115
1932.....	342	85,063	159	58,887	183	26,176
1934.....	322	78,480	152	55,869	170	22,611
1936.....	415	102,453	187	70,557	228	31,896
1938.....	453	121,510	209	82,041	244	39,469
1940.....	456	149,854	217	107,553	239	42,301
1942.....	461	141,272	231	100,783	230	40,489
1944.....	413	89,208	210	60,884	203	28,324

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of Higher Education.

No. 155.—INSTITUTIONS OF HIGHER EDUCATION—STAFF, ENROLLMENT, AND  
RECIPIENTS OF DEGREES, BY SEX: 1936 TO 1944

[See headnote, table 158. For student enrollment for earlier years, see table 153]

ITEM	1936	1938	1940	1942	1944
Staff (reduced to full-time basis), total.....	110, 225	123, 677	131, 553	134, 137	134, 451
Men.....	78, 316	87, 900	94, 536	96, 251	93, 794
Women.....	31, 909	35, 687	37, 016	37, 886	40, 657
Resident college enrollment, total.....	1, 208, 227	1, 350, 905	1, 494, 203	1, 403, 990	<sup>1</sup> 1, 155, 272
Men.....	700, 672	803, 893	803, 250	818, 550	578, 948
Women.....	498, 555	547, 012	600, 953	585, 431	576, 324
Degrees conferred:					
Baccalaureate and first professional, total..	143, 125	164, 943	186, 500	185, 346	125, 863
Men.....	86, 067	97, 678	109, 546	103, 889	55, 866
Women.....	57, 058	67, 265	76, 954	81, 457	69, 996
Masters, including advanced engineering (men and women).....	18, 302	21, 628	26, 731	24, 648	13, 414
Doctors (men and women).....	2, 770	2, 932	3, 290	3, 497	2, 305
Honorary (men and women).....	1, 347	1, 500	1, 452	1, 619	1, 292

<sup>1</sup> Includes 277,755 full time regular session military students.  
Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of Higher Education and chapter on Statistical Summary of Education.

No. 156.—INSTITUTIONS OF HIGHER EDUCATION—FALL ENROLLMENT, BY TYPE OF  
INSTITUTION: 1946 AND 1947

[Based on returns from 1,732 of a total 1,753 institutions surveyed; totals include estimates for 21 from which no replies were received]

TYPE	1946			1947		
	Total enrollment	First-time students	Veterans	Total enrollment	First-time students	Veterans
All institutions.....	2, 078, 095	696, 419	1, 080, 396	2, 338, 226	592, 846	1, 122, 736
Universities, colleges, and professional schools. . .	1, 681, 055	489, 336	915, 276	1, 882, 505	408, 052	950, 525
Teachers' colleges.....	150, 059	66, 512	61, 780	162, 199	54, 461	63, 354
Junior colleges.....	188, 139	118, 802	85, 124	219, 349	107, 085	82, 553
Negro institutions.....	58, 842	21, 769	18, 216	74, 173	23, 248	26, 306

Source: Federal Security Agency, Office of Education; circular No. 238, 1947 Fall Enrollment in Higher Educational Institutions.

No. 157.—INSTITUTIONS OF HIGHER EDUCATION—1947 FALL ENROLLMENT OF TOTAL, FIRST-TIME STUDENTS, AND VETERANS, BY SEX, BY STATES

[See headnote, table 156]

STATE	TOTAL ENROLLMENT			FIRST-TIME STUDENTS			VETERANS		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Continental U. S.	2, 338, 226	1, 659, 249	678, 977	592, 846	399, 972	192, 874	1, 122, 738	1, 098, 647	24, 091
Alabama.....	32, 046	22, 764	9, 282	7, 329	4, 687	2, 642	16, 241	16, 004	237
Arizona.....	10, 608	7, 551	3, 057	3, 428	2, 436	992	4, 899	4, 781	118
Arkansas.....	17, 765	12, 375	5, 390	5, 803	3, 931	1, 872	8, 415	8, 302	113
California.....	*178, 663	125, 910	52, 753	45, 566	30, 190	15, 376	81, 368	79, 865	2, 008
Colorado.....	32, 809	23, 963	8, 846	7, 831	5, 541	2, 290	18, 235	17, 471	764
Connecticut.....	27, 068	21, 406	5, 662	10, 774	8, 949	1, 825	14, 807	14, 577	230
Delaware.....	2, 728	2, 067	661	817	611	206	1, 305	1, 300	5
Dist. of Columbia...	36, 346	26, 218	10, 128	8, 601	5, 745	2, 856	18, 178	17, 336	837
Florida.....	31, 215	22, 215	9, 000	8, 817	5, 840	2, 977	15, 965	15, 695	270
Georgia.....	39, 634	25, 980	13, 644	10, 521	6, 273	4, 248	17, 291	17, 080	211
Idaho.....	8, 381	6, 138	2, 243	3, 097	2, 127	970	4, 034	3, 989	45
Illinois.....	163, 725	114, 571	49, 154	35, 451	23, 895	11, 556	75, 364	73, 415	1, 949
Indiana.....	62, 686	47, 431	15, 255	15, 270	10, 620	4, 650	32, 063	31, 605	458
Iowa.....	43, 757	30, 881	12, 876	11, 812	7, 532	4, 280	21, 725	21, 309	416
Kansas.....	37, 201	26, 534	10, 667	10, 952	7, 064	3, 888	17, 627	17, 348	279
Kentucky.....	31, 760	21, 573	10, 187	8, 594	5, 024	3, 570	14, 513	14, 305	208
Louisiana.....	38, 151	26, 371	11, 780	8, 881	5, 780	3, 101	16, 507	16, 188	319
Maine.....	9, 279	6, 617	2, 662	2, 765	1, 854	911	4, 768	4, 705	63
Maryland.....	34, 937	25, 855	9, 082	9, 529	6, 885	2, 644	14, 462	14, 256	206
Massachusetts.....	93, 087	65, 619	27, 468	21, 058	13, 214	7, 844	46, 250	44, 921	1, 329
Michigan.....	98, 977	71, 636	27, 341	22, 974	15, 704	7, 270	48, 706	47, 797	909
Minnesota.....	52, 633	36, 478	16, 155	12, 344	7, 942	4, 402	25, 894	24, 894	1, 000
Mississippi.....	19, 216	12, 729	6, 487	6, 380	3, 856	2, 524	9, 308	9, 224	84
Missouri.....	62, 274	44, 279	17, 995	19, 078	11, 620	7, 458	26, 918	26, 502	416
Montana.....	8, 900	6, 533	2, 367	2, 619	1, 868	751	4, 733	4, 585	148
Nebraska.....	22, 702	14, 595	8, 107	6, 714	4, 183	2, 531	11, 130	10, 915	215
Nevada.....	1, 964	1, 369	595	681	486	195	1, 008	978	30
New Hampshire.....	8, 777	6, 823	1, 954	2, 584	1, 695	889	4, 691	4, 592	99
New Jersey.....	44, 071	35, 175	8, 896	14, 176	11, 083	3, 093	24, 317	24, 106	211
New Mexico.....	8, 605	6, 418	2, 187	2, 409	1, 672	737	4, 330	4, 209	121
New York.....	280, 874	196, 727	84, 147	58, 417	42, 930	15, 487	127, 814	124, 571	3, 243
North Carolina.....	46, 112	30, 496	15, 616	13, 976	8, 634	5, 342	20, 383	20, 099	284
North Dakota.....	9, 227	6, 585	2, 642	3, 092	2, 199	893	4, 393	4, 347	46
Ohio.....	142, 279	102, 422	39, 857	33, 874	23, 122	10, 752	69, 559	68, 392	1, 167
Oklahoma.....	45, 175	33, 194	11, 981	11, 495	8, 064	3, 431	23, 821	23, 496	325
Oregon.....	25, 520	18, 369	7, 151	6, 989	4, 920	2, 069	13, 202	12, 914	288
Pennsylvania.....	142, 280	104, 712	37, 568	31, 645	23, 232	8, 413	72, 484	70, 064	2, 420
Rhode Island.....	12, 397	9, 383	3, 014	4, 000	3, 097	903	6, 967	6, 899	68
South Carolina.....	26, 119	16, 678	9, 441	7, 024	4, 037	2, 987	10, 266	10, 142	124
South Dakota.....	8, 678	6, 408	2, 270	2, 965	2, 065	900	4, 524	4, 453	71
Tennessee.....	37, 312	25, 128	12, 184	11, 096	7, 201	3, 895	17, 316	16, 966	350
Texas.....	122, 516	87, 532	34, 984	32, 277	21, 193	11, 084	60, 332	59, 535	797
Utah.....	20, 413	14, 235	6, 178	6, 079	3, 784	2, 295	9, 463	9, 269	194
Vermont.....	6, 869	4, 247	2, 622	2, 322	1, 361	961	2, 999	2, 915	84
Virginia.....	36, 455	23, 384	13, 071	10, 458	5, 729	4, 729	15, 392	15, 261	131
Washington.....	39, 214	27, 930	11, 284	10, 050	6, 745	3, 305	20, 950	20, 540	410
West Virginia.....	23, 474	16, 231	7, 243	6, 539	4, 265	2, 274	11, 288	11, 092	196
Wisconsin.....	49, 528	34, 632	14, 896	12, 633	8, 338	4, 295	24, 544	23, 966	578
Wyoming.....	3, 819	2, 872	947	1, 060	749	311	1, 994	1, 972	22

Source: Federal Security Agency, Office of Education; circular No. 238, 1947 Fall Enrollment in Higher Educational Institutions.

**No. 158.—INSTITUTIONS OF HIGHER EDUCATION—INCOME AND EXPENDITURES:  
1936 TO 1944**

[All money figures in thousands of dollars. Data cover universities, colleges, professional schools, junior colleges, teachers' colleges, and normal schools, both publicly and privately controlled, regular session. For total expenditures for earlier years, see table 153.]

ITEM	1936	1938	1940	1942	1944
<b>INCOME</b>					
Number of institutions reporting.....	1,541	1,586	1,609	1,628	1,563
Income for educational and general and for plant extension purposes.....	491,164	586,372	637,497	634,369	694,241
Student fees.....	158,134	178,906	200,897	251,000	184,435
Endowment earnings.....	60,000	70,654	71,304	74,075	73,196
Federal Government.....	43,234	29,345	33,960	58,283	308,163
State governments.....	119,585	140,969	151,222	166,583	175,169
County, city, and district governments.....	21,060	23,091	24,392	27,657	26,469
Private gifts and grants.....	37,115	36,908	40,453	45,916	30,449
Sales and service of organized activities.....	24,943	27,947	32,777	40,308	53,576
Other (including that for increase of physical plant).....	26,955	73,472	77,892	42,907	42,754
Auxiliary enterprises and activities.....	106,479	130,523	143,933	157,434	182,644
Income for increase of permanent funds.....	47,039	49,553	44,518	38,810	69,696
<b>EXPENDITURES</b>					
Number of institutions reporting.....	1,540	1,586	1,609	1,628	1,563
Expenditures for educational and general purposes, total.....	414,383	475,192	521,900	572,465	783,844
Administration and general expense.....	48,069	56,406	63,327	63,055	69,006
Resident instruction.....	228,144	253,006	280,746	296,558	334,189
Organized research.....	22,091	25,213	27,206	34,287	58,436
Libraries.....	13,531	17,585	19,457	19,703	20,452
Physical plant operation and maintenance.....	56,802	63,738	69,612	72,594	81,201
Organized activities related to instruction.....	20,941	24,031	27,225	37,771	48,615
Extension.....	20,427	34,189	35,325	42,535	44,421
Federal contract courses.....					97,044
Other.....	2,580	3,020			
Auxiliary enterprises and activities.....	121,506	139,194	162,600	165,703	220,272
Capital outlay, total.....	47,369	79,484	83,765	80,263	27,427
Building and grounds.....	39,606	58,523	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Equipment.....	7,764	11,961	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Includes "Federal contract courses" not included in tables 153 and 160.

<sup>2</sup> Not available.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of Higher Education.

**No. 159.—INSTITUTIONS OF HIGHER EDUCATION—NUMBER, STAFF, AND ENROLLMENT, BY STATES AND OUTLYING AREAS: 1944**

[See headnote, table 108]

DIVISION, STATE, OR OUTLYING AREA	Number of institutions <sup>1</sup>	STAFF (REDUCED TO FULL-TIME BASIS) <sup>2</sup>		RESIDENT COLLEGE ENROLLMENT						
		Men	Women	Regular session <sup>3</sup>		Undergraduate <sup>4</sup>		Graduate <sup>4</sup>		Freshmen, both sexes <sup>4</sup>
				Men	Women	Men	Women	Men	Women	
<b>Continental U. S.</b>	<b>1,480</b>	<b>93,794</b>	<b>40,457</b>	<b>308,914</b>	<b>568,603</b>	<b>546,163</b>	<b>553,691</b>	<b>31,060</b>	<b>28,171</b>	<b>251,071</b>
<b>New England</b>	<b>124</b>	<b>7,977</b>	<b>3,630</b>	<b>20,244</b>	<b>33,423</b>	<b>42,034</b>	<b>31,758</b>	<b>1,909</b>	<b>1,860</b>	<b>16,394</b>
Maine	13	397	223	799	2,221	2,419	2,226	4	3	1,164
New Hampshire	8	531	204	824	1,714	4,887	1,788	21	20	1,055
Vermont	11	412	203	486	1,992	1,446	2,024	7	6	896
Massachusetts	63	4,963	1,591	13,704	20,780	22,804	19,464	1,226	1,320	9,193
Rhode Island	8	456	186	816	1,978	2,742	1,923	108	63	788
Connecticut	21	1,318	511	3,815	4,738	7,736	4,333	543	428	3,296
<b>Middle Atlantic</b>	<b>230</b>	<b>20,064</b>	<b>8,730</b>	<b>72,968</b>	<b>119,742</b>	<b>112,577</b>	<b>109,192</b>	<b>11,504</b>	<b>10,912</b>	<b>40,004</b>
New York	101	11,622	4,122	48,810	82,139	66,897	74,162	7,747	8,316	24,937
New Jersey	28	1,791	470	5,408	7,016	9,944	6,806	854	143	4,659
Pennsylvania	101	6,651	2,138	18,687	30,587	36,036	28,165	2,454	2,454	10,508
<b>East North Central</b>	<b>306</b>	<b>18,623</b>	<b>7,046</b>	<b>67,355</b>	<b>120,608</b>	<b>114,476</b>	<b>120,411</b>	<b>6,553</b>	<b>6,580</b>	<b>45,363</b>
Ohio	65	4,468	1,751	16,988	32,791	26,761	31,902	1,146	1,080	11,617
Indiana	39	2,213	782	8,771	11,559	18,318	13,249	1,003	425	8,193
Illinois	89	6,861	2,235	25,040	41,307	30,570	39,036	2,678	2,704	12,239
Michigan	53	3,094	1,191	11,631	23,343	22,084	24,964	1,113	1,800	8,881
Wisconsin	62	1,987	1,087	4,926	11,606	10,742	11,261	616	423	4,433
<b>West North Central</b>	<b>236</b>	<b>9,852</b>	<b>5,110</b>	<b>26,308</b>	<b>56,555</b>	<b>59,068</b>	<b>56,342</b>	<b>2,296</b>	<b>1,518</b>	<b>26,778</b>
Minnesota	43	1,797	1,017	5,474	13,171	11,787	13,015	885	464	5,173
Iowa	47	2,014	1,045	4,669	10,421	11,070	10,290	452	357	4,435
Missouri	64	2,637	1,326	9,178	16,222	18,848	16,086	578	479	8,322
North Dakota	12	446	228	753	1,952	2,483	1,937	44	15	1,136
South Dakota	16	422	221	729	1,619	2,759	1,620	14	16	941
Nebraska	22	1,086	441	2,363	4,965	5,352	5,217	141	67	2,781
Kansas	42	1,450	832	3,112	8,205	6,757	6,177	182	118	3,990
<b>South Atlantic</b>	<b>284</b>	<b>11,546</b>	<b>6,274</b>	<b>36,502</b>	<b>74,578</b>	<b>69,866</b>	<b>72,198</b>	<b>3,440</b>	<b>2,445</b>	<b>36,874</b>
Delaware	3	162	68	228	323	1,010	833	12	2	146
Maryland	26	1,710	708	5,375	7,355	8,637	7,229	466	169	3,823
District of Columbia	20	1,200	565	6,999	10,561	7,275	9,162	1,642	1,290	3,944
Virginia	40	1,176	5,838	12,060	12,070	11,958	349	123	6,646	
West Virginia	20	684	476	1,897	5,306	3,755	5,322	75	145	2,465
North Carolina	52	2,476	1,312	6,690	15,386	15,710	14,880	725	473	7,959
South Carolina	32	1,044	597	3,216	7,708	6,254	7,632	32	71	4,390
Georgia	50	1,819	886	4,787	10,749	10,341	10,650	93	141	4,761
Florida	13	882	486	1,672	5,066	4,814	5,026	46	31	2,040
<b>East South Central</b>	<b>136</b>	<b>4,924</b>	<b>3,237</b>	<b>12,849</b>	<b>32,234</b>	<b>23,476</b>	<b>31,560</b>	<b>541</b>	<b>614</b>	<b>14,964</b>
Kentucky	35	1,061	714	3,566	8,454	7,200	8,289	190	165	3,670
Tennessee	46	1,587	1,024	4,366	10,718	7,060	10,302	269	516	4,919
Alabama	26	1,390	821	3,494	8,075	6,061	7,990	54	126	3,698
Mississippi	29	850	678	1,434	4,987	3,137	4,979	28	6	2,697
<b>West South Central</b>	<b>164</b>	<b>7,579</b>	<b>4,217</b>	<b>28,720</b>	<b>50,437</b>	<b>52,669</b>	<b>63,604</b>	<b>1,618</b>	<b>1,141</b>	<b>25,322</b>
Arkansas	24	723	446	1,937	3,523	3,857	3,529	18	12	2,400
Louisiana	18	1,832	1,128	5,987	9,232	10,715	9,079	591	187	4,728
Oklahoma	33	1,086	617	3,780	8,855	12,368	12,900	243	207	3,640
Texas	81	3,938	2,026	17,036	28,827	25,729	28,096	760	735	14,554
<b>Mountain</b>	<b>62</b>	<b>3,114</b>	<b>1,405</b>	<b>8,973</b>	<b>19,891</b>	<b>19,698</b>	<b>19,247</b>	<b>552</b>	<b>738</b>	<b>9,948</b>
Montana	11	354	165	639	2,284	1,807	2,210	23	28	1,137
Idaho	6	366	136	809	1,787	1,371	1,818	17	17	1,082
Wyoming	1	153	66	250	513	1,330	493	24	20	258
Colorado	18	889	508	3,486	7,028	6,897	6,671	273	449	2,902
New Mexico	7	335	120	550	1,411	2,391	1,345	27	66	637
Arizona	5	311	138	844	2,343	1,544	2,260	59	83	1,259
Utah	11	610	256	2,246	4,202	4,204	4,141	115	61	2,477
Nevada	1	116	16	149	323	154	309	11	14	196
<b>Pacific</b>	<b>139</b>	<b>8,944</b>	<b>3,618</b>	<b>29,207</b>	<b>61,134</b>	<b>46,463</b>	<b>59,397</b>	<b>2,647</b>	<b>2,256</b>	<b>36,404</b>
Washington	23	1,109	553	3,729	9,285	7,649	9,159	325	323	4,737
Oregon	20	782	325	1,877	5,662	5,417	5,759	90	100	2,627
California	96	6,963	2,740	23,601	46,187	33,397	44,479	2,232	1,833	29,040
<b>U. S. Service Academies</b>	<b>3</b>	<b>1,151</b>	<b>..</b>	<b>5,651</b>	<b>..</b>	<b>5,651</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>
Alaska	1	16	12	220	69	220	69	..	..	137
Canal Zone	1	10	5	78	40	80	40	..	..	100
Hawaii	1	134	83	983	1,031	950	942	41	106	544
Puerto Rico	2	366	175	1,737	2,647	1,731	2,634	6	13	1,311

<sup>1</sup> Represents number reporting. <sup>2</sup> Includes administrative officers, extension service, and organized research, in addition to regular staff. <sup>3</sup> Excludes 277,763 full-time military and naval enrollments at civilian institutions.

<sup>4</sup> Includes military and naval students. <sup>5</sup> Represents first year of college work for civilian students.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of Higher Education and records.



**No. 160.—INSTITUTIONS OF HIGHER EDUCATION—VALUE OF PROPERTY, ENDOWMENTS, AND OTHER PERMANENT FUNDS, 1940, AND EXPENDITURES, 1942 AND 1944, BY STATES AND OUTLYING AREAS**

(In thousands of dollars)

DIVISION, STATE, OR OUTLYING AREA	Value of plants and plant funds, 1940 <sup>1</sup>	Endowment funds, 1940 <sup>1</sup>	Other permanent funds, 1940 <sup>1</sup>	EXPENDITURES, 1942			EXPENDITURES, 1944		
				Current	Capital outlay	Auxiliary activities	Current	Capital outlay	Auxiliary activities
Continental U. S.	2,753,780	1,686,283	78,321	572,465	50,202	165,703	655,802	27,427	226,272
New England	278,183	427,817	18,832	58,634	4,578	20,418	69,532	■	22,341
Maine	13,887	14,716	321	2,998	535	993	2,951	89	1,016
New Hampshire	17,968	19,591	450	3,774	128	1,035	■	120	1,710
Vermont	11,533	9,047	1,098	2,529	87	1,130	2,311	91	813
Massachusetts	106,396	255,658	11,198	32,243	3,163	11,704	34,053	1,388	12,120
Rhode Island	18,291	16,047	259	3,143	187	909	4,000	121	1,208
Connecticut	108,111	112,758	4,709	10,940	528	4,647	12,255	215	5,385
Middle Atlantic	571,443	416,371	12,595	120,816	5,191	28,492	131,056	1,947	25,279
New York	316,337	250,817	8,848	69,919	2,986	14,419	77,116	1,016	17,741
New Jersey	42,966	51,284	1,035	11,556	97	3,200	13,191	291	4,028
Pennsylvania	212,108	114,270	2,712	39,141	2,108	10,814	40,749	■	12,512
East North Central	551,921	267,776	20,549	117,551	7,663	24,843	141,523	4,414	50,286
Ohio	133,418	79,095	7,119	36,297	1,464	10,346	28,884	1,274	13,965
Indiana	76,920	20,419	3,062	16,761	2,130	6,440	17,802	1,038	9,458
Illinois	172,722	130,493	8,575	37,092	1,638	9,424	55,446	1,117	14,093
Michigan	118,851	24,752	1,122	22,920	1,781	5,271	24,816	748	8,290
Wisconsin	50,010	13,011	670	13,890	619	3,462	15,284	217	4,492
West North Central	298,532	98,926	6,941	59,654	4,642	15,385	64,814	2,723	22,147
Minnesota	70,249	27,377	1,589	12,577	991	4,973	14,112	485	5,831
Iowa	57,559	15,823	2,035	13,828	680	3,067	16,856	293	5,691
Missouri	71,395	31,112	1,979	13,991	1,404	3,768	15,193	986	5,375
North Dakota	9,902	6,219	84	2,421	148	242	2,115	62	330
South Dakota	11,761	4,466	130	2,555	321	491	2,844	103	965
Nebraska	23,686	4,870	358	5,105	320	1,629	5,646	104	1,467
Kansas	26,279	7,549	787	8,378	778	1,215	10,249	690	2,497
South Atlantic	364,610	174,003	7,450	64,630	9,369	24,418	78,489	5,408	39,349
Delaware	6,447	511	55	897	464	152	1,022	2	108
Maryland	47,072	39,558	1,049	9,222	1,164	1,662	13,756	839	2,456
District of Columbia	27,286	7,956	671	5,900	587	1,393	7,489	1,847	1,802
Virginia	68,414	41,922	1,198	13,769	1,899	5,704	15,063	516	5,479
West Virginia	24,634	3,518	125	4,324	2,092	1,280	4,765	401	1,726
North Carolina	59,604	49,242	1,449	13,701	1,004	6,345	14,961	731	5,513
South Carolina	33,293	5,674	266	5,501	748	2,940	7,227	351	2,791
Georgia	47,762	23,423	2,490	8,336	1,585	2,558	8,998	728	6,025
Florida	20,899	3,199	176	4,940	416	2,383	5,188	954	2,451
East South Central	146,116	80,138	3,555	29,591	2,598	9,690	32,648	2,404	12,425
Kentucky	34,123	15,708	539	6,938	307	2,353	8,012	603	2,354
Tennessee	52,334	44,549	2,620	9,706	1,206	2,144	10,450	613	4,628
Alabama	35,180	16,681	432	7,878	842	2,462	8,127	1,056	3,612
Mississippi	24,500	3,205	97	5,079	242	1,731	6,059	132	2,641
West South Central	209,835	101,177	2,185	42,799	4,829	14,589	45,904	2,832	21,691
Arkansas	10,419	2,323	109	3,906	480	1,234	4,530	514	2,064
Louisiana	49,091	14,160	299	9,752	623	3,342	9,573	372	4,664
Oklahoma	34,910	9,864	389	7,785	553	2,161	7,742	619	3,564
Texas	109,466	74,831	1,388	21,256	3,272	7,962	24,060	1,378	11,309
Mountain	83,769	23,235	957	20,422	2,069	4,824	22,672	926	8,857
Montana	11,398	4,110	106	2,201	96	489	2,928	324	1,359
Idaho	6,925	3,400	48	2,127	473	535	2,157	49	1,390
Wyoming	3,518	3,947	116	1,067	107	322	1,175	32	396
Colorado	30,478	6,372	531	6,668	312	1,701	6,999	218	2,633
New Mexico	11,870	2,221	24	1,974	345	687	2,234	102	836
Arizona	9,433	1,389	18	2,172	283	461	2,437	38	906
Utah	7,383	1,817	61	3,595	175	517	4,082	108	984
Nevada	2,965	279	33	620	278	112	669	55	298
Pacific	216,743	96,852	5,324	54,392	5,128	10,606	76,151	3,496	15,975
Washington	32,903	10,728	207	7,284	513	1,457	8,215	481	2,126
Oregon	25,491	6,550	236	5,631	745	1,236	5,637	77	2,012
California	158,369	81,574	5,381	41,377	3,869	7,917	63,309	2,941	11,836
U. S. Service Academies	52,239	■	■	4,947	3,595	2,442	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Alaska	930	■	14	268	23	58	239	23	43
Canal Zone	267	■	■	54	5	■	46	■	■
Hawaii	3,480	34	13	1,040	8	177	1,308	63	275
Philippine Islands	5,236	28	104	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Puerto Rico	4,566	1,266	2	2,187	49	68	2,549	123	341

<sup>1</sup> Grounds, buildings, equipment, and unexpended plant funds.

<sup>2</sup> Includes funds temporarily functioning as endowments.

<sup>3</sup> Student loan funds and annuity funds.

<sup>4</sup> 1940 data.

<sup>5</sup> Not available.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of Higher Education.

No. 161.—PROFESSIONAL SCHOOLS, INCLUDING TEACHER-TRAINING INSTITUTIONS—RESIDENT STUDENT ENROLLMENT, BY SEX: 1942 AND 1944

PROFESSIONAL SCHOOL	1942				1944			
	Undergraduate		Graduate		Undergraduate		Graduate	
	Men	Women	Men	Women	Men	Women	Men	Women
Continental U. S., total <sup>1</sup> .....	384, 441	212, 686	28, 220	13, 947	298, 984	196, 309	17, 137	13, 977
Agriculture.....	26, 124	490	1, 855	64	4, 096	554	887	90
Architecture.....	2, 283	657	86	8	652	764	48	10
Commerce.....	78, 438	22, 735	3, 148	615	22, 431	30, 666	1, 574	641
Dentistry.....	8, 412	166	110	-----	10, 012	147	108	3
Education.....	54, 653	119, 975	9, 443	10, 773	12, 286	88, 384	5, 017	10, 631
Engineering.....	114, 554	464	4, 301	20	107, 451	1, 687	3, 562	49
Fine arts.....	1, 976	4, 637	15	21	1, 345	6, 421	33	88
Forestry.....	2, 632	4	96	-----	448	8	36	-----
Home economics.....	399	22, 110	1	417	36	17, 558	1	372
Journalism.....	1, 398	1, 043	75	87	383	1, 426	18	49
Law.....	19, 177	1, 236	350	33	5, 893	1, 285	133	34
Library science.....	161	1, 003	63	147	72	888	16	108
Medicine.....	22, 616	1, 443	1, 780	182	25, 382	1, 626	1, 180	158
Music.....	3, 907	7, 967	300	363	1, 166	7, 008	150	344
Nursing.....	104	11, 217	-----	190	48	17, 860	2	355
Pharmacy.....	7, 548	1, 102	129	14	2, 921	1, 376	75	12
Theology.....	11, 805	891	1, 869	82	12, 243	805	1, 783	81
Veterinary medicine.....	2, 541	29	71	2	2, 658	53	60	5

<sup>1</sup> Totals include enrollment in professional schools not reported separately.  
Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of Higher Education.

No. 162.—INSTITUTIONS OF HIGHER EDUCATION—ENROLLMENT IN SUMMER SESSION AND IN EXTENSION AND CORRESPONDENCE WORK: 1920 TO 1944

YEAR	ENROLLMENT		YEAR	ENROLLMENT	
	Summer session <sup>1</sup>	Extension and correspondence <sup>2</sup>		Summer session <sup>1</sup>	Extension and correspondence <sup>2</sup>
1920.....	132, 849	101, 662	1934.....	303, 754	208, 507
1922.....	220, 311	155, 163	1936.....	370, 026	251, 469
1924.....	278, 125	194, 147	1938.....	429, 864	295, 351
1926.....	340, 461	324, 819	1940.....	456, 679	292, 236
1928.....	382, 776	360, 246	1942.....	426, 849	281, 483
1930.....	388, 006	354, 183	1944.....	376, 334	244, 842
1932.....	414, 200	265, 265			

<sup>1</sup> For odd years, 1919, 1921, etc.  
<sup>2</sup> Excludes noncollegiate students, as follows: 1932, 174,921; 1934, 45,484; 1936, 46,452; 1938, 75,822; 1940, 70,145; 1942, 80,904; 1944, 98,496.  
Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of Higher Education.

No. 163.—SCHOOLS OF NURSING—STUDENTS AND GRADUATES: 1879 TO 1940

YEAR	Schools <sup>1</sup>	Student nurses	Graduates	CLASS OF HOSPITAL OPERATING SCHOOLS	Number <sup>1</sup>
1879.....	11	298	141	Total, 1940.....	1, 304
1880.....	15	323	157	General hospitals.....	1, 118
1885.....	34	793	218	Hospitals affiliated with colleges and universities.....	131
1890.....	35	1, 552	471	Hospitals for the mentally diseased.....	55
1895.....	131	3, 985	1, 498		
1900.....	432	11, 164	3, 456		
1905.....	862	19, 824	5, 795		
1910.....	1, 129	32, 636	8, 140		
1915.....	1, 509	46, 141	11, 118		
1920.....	1, 755	54, 953	14, 980		
1927.....	1, 797	77, 768	18, 623		
1931.....	1, 844	100, 419	25, 971		
1936.....	1, 381	79, 149	19, 256		
1940.....	1, 304	97, 345	24, 076		

YEAR AND COURSE	GRADUATES		
	Total	Men	Women
1940.....	24, 076	1, 211	22, 865
5 years or more.....	469	5	464
4 years.....	137	1	136
3 years.....	22, 064	217	21, 847
2 years.....	61	2	59
1 year or less.....	1, 345	986	359

<sup>1</sup> Number reporting.  
Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of Higher Education.

**No. 164.—PUBLIC AND PRIVATE RESIDENTIAL SCHOOLS FOR THE BLIND, THE DEAF, THE MENTALLY DEFICIENT, AND DELINQUENTS: 1922 TO 1940**

TYPE AND YEAR	States reported <sup>1</sup>	Schools reported	Pupils	TYPE AND YEAR	States reported <sup>1</sup>	Schools reported	Pupils
<b>Blind:</b>				<b>Deaf—Continued</b>			
1922.....	39	48	4,634	1936.....	45	79	15,366
1927.....	41	51	5,245	1940.....	45	79	14,673
1931.....	41	55	5,530	<b>Mentally deficient:</b>			
1936.....	41	55	5,851	1936.....	47	130	<sup>2</sup> 21,889
1940.....	40	50	5,870	1940.....	46	104	<sup>2</sup> 21,806
<b>Deaf:</b>				<b>Delinquent:</b>			
1922.....	43	75	11,417	1936.....	49	154	31,174
1927.....	44	76	13,928	1940.....	49	142	29,109
1931.....	45	83	14,854				

<sup>1</sup> Includes District of Columbia.

<sup>2</sup> Includes only children reported for school work.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of Special Schools and Classes for Exceptional Children.

**No. 165.—SPECIAL SCHOOLS AND CLASSES FOR EXCEPTIONAL CHILDREN—ENROLLMENT FOR CITY SCHOOL SYSTEMS, BY TYPE: 1922 TO 1940**

[Data include home and hospital instruction]

TYPE AND YEAR	States reporting	Cities reporting	Pupils enrolled	TYPE AND YEAR	States reporting	Cities reporting	Pupils enrolled
<b>Blind and partially seeing:</b>				<b>Crippled—Continued</b>			
1922.....	12	44	( <sup>1</sup> )	1936.....	30	301	24,865
1927.....	18	80	4,465	1940.....	31	356	25,784
1932.....	20	95	5,308	<b>Delicate:</b>			
1936.....	27	161	7,251	1930.....	27	81	19,153
1940.....	28	181	8,875	1932.....	28	135	24,020
<b>Deaf and hard-of-hearing:</b>				1936.....	30	150	23,517
1922.....	16	74	2,911	1940.....	27	166	26,792
1927.....	22	83	3,515	<b>Socially maladjusted:</b>			
1932.....	24	116	4,434	1930.....	20	44	9,543
1936.....	31	168	9,318	1932.....	24	58	14,354
1940.....	30	168	13,478	1936.....	20	45	12,653
<b>Mentally deficient:</b>				1940.....	25	50	10,477
1922.....	23	133	23,252	<b>Speech-defective:</b>			
1927.....	32	218	51,814	1932.....	( <sup>1</sup> )	( <sup>1</sup> )	22,735
1932.....	39	483	75,099	1936.....	22	123	116,770
1936.....	43	643	99,621	1940.....	29	144	126,146
1940.....	42	565	98,416	<b>Mentally gifted:</b>			
<b>Crippled:</b>				1932.....	( <sup>1</sup> )	( <sup>1</sup> )	1,834
1930.....	22	81	13,120	1936.....	9	14	3,009
1932.....	24	145	16,166	1940.....	9	12	3,255
				<b>Epileptic:</b>			
				1940.....	13	33	499

<sup>1</sup> Not available.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of Special Schools and Classes for Exceptional Children.

**No. 166.—VOCATIONAL SCHOOLS AND VOCATIONAL TEACHER-TRAINING COURSES, FEDERALLY AIDED—NUMBER OF TEACHERS AND STUDENTS, BY CLASS OF SCHOOL OR COURSE AND BY SEX: YEARS ENDING JUNE 30, 1920 TO 1946**

(Institutions Federally aided are reimbursed from Federal funds provided under act known as "The Smith-Hughes Act," or the "National Vocational Education Act of 1917," and subsequent acts extending benefits of vocational education to Alaska, Hawaii, and Puerto Rico, and providing for further development of vocational education. These acts, administered by Office of Education provide appropriations for reimbursement in part from Federal funds for expenditures by States and local communities for vocational education. Includes data for Hawaii beginning 1930, for Puerto Rico beginning 1938, and for Alaska beginning 1937)

CLASS OF SCHOOL OR COURSE	TEACHERS					PUPILS				
	1920	1930	1940	1945	1946 <sup>1</sup>	1920	1930	1940	1945	1946 <sup>1</sup>
<b>VOCATIONAL SCHOOLS</b>										
Total, all classes <sup>2</sup>				40,065	44,979	265,058	981,883	2,290,741	2,612,931	2,227,843
Male				(3)	(3)	163,228	603,514	1,279,109	923,400	1,130,309
Female				(3)	(3)	101,830	378,368	1,011,632	1,089,531	1,097,534
Evening	2,565	9,842	17,744	7,772	9,223	73,122	323,154	728,987	606,778	715,262
Part-time	1,773	5,468	14,800	7,563	10,253	122,974	407,285	525,358	465,538	525,134
All-day	3,331	9,245	24,917	24,528	25,474	68,982	241,486	1,022,284	929,800	980,477
Day-unit course		319	658	204	29		9,957	14,162	8,813	6,790
Agriculture <sup>3</sup>				8,678	7,995	31,301	188,311	584,133	446,953	510,331
Male				(3)	(3)	29,351	180,490	583,034	446,953	510,331
Female				(3)	(3)	1,950	7,821	1,099		
Evening		1,878	4,976	1,181	483		60,462	192,246	183,071	224,613
Part-time		308	3,727	253	178		4,164	62,489	12,764	24,401
All-day	1,570	4,346	8,450	7,068	7,312	31,301	113,728	318,223	243,200	255,096
Day-unit course		319	568	174	22		9,957	11,175	7,918	6,221
Trade and industrial <sup>4</sup>				15,068	13,368	184,819	618,604	768,409	622,733	639,844
Male				(3)	(3)	133,872	422,575	602,182	394,463	515,316
Female				(3)	(3)	50,947	196,029	166,227	128,268	116,528
Evening	1,779	5,030	5,769	2,080	3,117	48,354	163,317	167,908	70,164	94,503
Part-time, total	1,638	4,981	9,449	5,971	8,562	115,241	381,898	383,579	278,016	337,705
Trade extension	350	1,747	7,150	3,843	6,323	17,159	45,001	241,088	151,518	234,642
General continuation	1,288	3,234	2,299	2,128	2,239	98,082	336,297	142,491	126,497	103,063
All-day	1,047	3,064	6,940	7,037	7,689	21,224	71,389	206,922	174,564	196,636
Home economics <sup>5</sup>				14,066	13,018	48,938	174,967	318,768	390,454	311,316
Male				(3)	(3)	5	449	24,746	29,574	31,730
Female				(3)	(3)	48,933	174,518	794,020	360,880	280,086
Evening	766	2,934	4,857	2,996	3,747	24,768	97,375	245,830	284,419	302,264
Part-time	137	181	1,102	637	791	7,733	21,223	72,790	93,112	82,238
All-day	714	1,845	9,527	10,421	10,458	16,437	55,359	497,139	512,036	526,745
Day-unit course			90	30	22			2,967	897	599
Distributive occupational <sup>6</sup>				2,215	2,598			129,433	152,781	174,672
Male				1,202	(3)			69,147	52,406	72,932
Female				1,013	(3)			60,286	100,373	101,740
Evening			2,142	1,513	1,876			122,933	71,134	93,882
Part-time			232	702	722			6,500	81,647	80,790
<b>VOCATIONAL TEACHER-TRAINING COURSES</b>										
Total, all classes	1,063	4,643	1,568	1,743	(3)	12,456	20,736	40,491	23,138	(3)
Male	667	4,518	957	1,028	(3)	6,965	12,531	22,406	10,822	(3)
Female	425	4,325	631	715	(3)	5,471	8,205	18,085	12,316	(3)
In agriculture	293	195	392	359	(3)	2,310	3,325	6,428	2,044	(3)
Trade and industry	359	334	526	579	(3)	6,150	11,205	15,606	9,405	(3)
Home economics	414	316	536	651	(3)	3,652	6,206	12,768	10,701	(3)
Distributive occupations			115	154	(3)			5,089	1,188	(3)
Other and not specified	16					344				

<sup>1</sup> Subject to revision.

<sup>2</sup> Totals for teachers omitted for 1920, 1930, and 1940 because of duplications in State reports by types of schools.

<sup>3</sup> Not available.

<sup>4</sup> Excluding duplication.

<sup>5</sup> Includes 981 trained on the job only; 762, male; 219, female; 267, agriculture; 271, trade and industry; 60, home economics; 263, distributive occupations.

Source: Federal Security Agency, Office of Education; Digest of Annual Reports of State Boards for Vocational Education.

**No. 167.—VOCATIONAL EDUCATION AND TEACHER TRAINING, FEDERALLY AIDED—  
EXPENDITURES OF FEDERAL, STATE, AND LOCAL FUNDS, 1920 TO 1946, AND BY  
STATES, AND FOR HAWAII AND PUERTO RICO, 1946**

(In thousands of dollars. For years ending June 30. See headnote, table 166)

YEAR, STATE OR OTHER AREA	ALL VOCATIONAL EDUCATION <sup>1</sup>				AGRICULTURAL EDUCATION		TRADE AND INDUSTRIAL EDUCATION		HOME ECONOM- ICS EDUCATION	
	Total funds	Federal	State	Local	Total funds	Federal	Total funds	Federal	Total funds	Federal
<b>TOTAL</b>										
1920.....	8,535	2,477	2,670	3,388	2,437	890	3,307	700	1,064	186
1924.....	18,845	4,833	5,175	8,838	5,234	1,898	8,555	1,599	2,746	332
1928.....	25,716	6,821	7,029	11,865	7,609	2,844	12,021	2,454	3,721	493
1932.....	33,402	8,415	9,036	15,951	10,313	3,689	15,426	2,547	5,129	1,130
1936.....	33,428	9,749	8,606	15,073	10,327	3,863	15,006	3,430	5,807	1,429
1940.....	55,081	20,604	11,737	23,340	18,986	6,709	21,109	6,435	11,718	4,290
1944.....	64,290	19,958	15,016	29,345	18,448	6,628	24,068	6,093	15,752	4,409
1945.....	65,642	20,005	15,848	30,299	17,821	6,529	24,767	6,143	16,669	4,405
1946 <sup>2</sup> .....	72,807	26,426	18,538	33,641	19,807	6,825	27,155	6,539	18,740	4,426
<b>1946</b>										
Alabama.....	1,594	555	997	42	598	269	331	92	467	133
Arizona.....	326	111	34	161	64	31	69	27	117	23
Arkansas.....	1,173	414	300	459	529	217	164	46	364	106
California.....	3,885	921	618	2,346	1,102	■	1,481	399	973	174
Colorado.....	506	172	62	272	95	49	169	53	171	41
Connecticut.....	767	216	509	42	60	30	507	101	■	45
Delaware.....	205	96	19	90	45	23	76	30	38	20
District of Columbia.....	173	61	■	112	5	3	91	28	45	19
Florida.....	1,206	284	270	652	310	83	■	95	252	68
Georgia.....	1,897	597	361	939	767	276	299	104	643	145
Idaho.....	277	113	28	136	87	41	91	27	67	23
Illinois.....	3,137	1,010	675	1,452	953	230	1,000	455	394	182
Indiana.....	2,072	528	162	1,382	605	■	591	171	710	110
Iowa.....	1,026	429	28	569	357	178	198	99	365	103
Kansas.....	620	265	83	262	289	131	86	44	177	77
Kentucky.....	1,208	526	178	504	467	240	210	91	396	135
Louisiana.....	1,483	417	91	975	573	177	283	98	601	92
Maine.....	314	131	31	152	91	47	80	26	97	37
Maryland.....	867	249	252	366	148	68	441	94	193	50
Massachusetts.....	2,304	465	936	903	148	44	1,551	296	391	62
Michigan.....	2,326	754	436	1,136	486	202	1,056	295	625	145
Minnesota.....	1,123	436	145	541	296	151	379	123	321	100
Mississippi.....	1,324	477	219	628	712	265	135	47	366	117
Missouri.....	1,432	599	301	532	506	334	443	166	359	138
Montana.....	259	121	24	114	90	40	65	28	58	23
Nebraska.....	567	241	68	278	215	104	100	48	194	58
Nevada.....	95	48	13	34	11	6	23	12	37	19
New Hampshire.....	171	79	24	68	33	17	50	26	56	20
New Jersey.....	1,511	429	452	630	251	60	681	226	355	71
New Mexico.....	290	112	30	148	88	41	65	22	84	25
New York.....	10,393	1,898	2,268	6,529	980	211	8,059	944	780	145
North Carolina.....	2,229	711	836	682	1,019	341	775	112	762	175
North Dakota.....	296	119	65	114	65	33	54	28	132	33
Ohio.....	2,543	867	465	1,211	543	160	1,055	374	588	185
Oklahoma.....	1,436	433	154	849	646	191	237	90	412	98
Oregon.....	470	182	67	221	137	61	152	50	109	41
Pennsylvania.....	4,271	1,277	3,128	866	1,018	287	2,449	519	1,370	267
Rhode Island.....	217	95	15	107	24	12	104	51	28	15
South Carolina.....	1,388	385	616	387	645	188	181	57	448	96
South Dakota.....	299	105	16	188	48	24	54	27	145	32
Tennessee.....	1,584	556	448	580	570	256	358	105	494	127
Texas.....	4,234	1,115	946	2,173	1,795	450	558	259	1,544	259
Utah.....	482	115	47	320	144	33	175	30	98	22
Vermont.....	227	89	20	118	50	17	81	26	47	22
Virginia.....	2,105	494	873	738	677	213	391	104	768	116
Washington.....	1,396	271	344	781	336	85	478	87	463	96
West Virginia.....	947	303	155	489	228	95	369	74	257	52
Wisconsin.....	1,889	511	59	1,319	580	185	589	141	554	111
Wyoming.....	187	93	20	74	55	28	41	24	50	21
Hawaii.....	388	110	278	■	60	■	111	■	■	20
Puerto Rico.....	677	323	354	■	216	111	131	53	■	117

<sup>1</sup> Includes data for distributive and teacher-training courses not shown separately in this table.

<sup>2</sup> Subject to revision.

Source: Federal Security Agency, Office of Education; Digest of Annual Reports of State Boards for Vocational Education.

**No. 168.—VOCATIONAL COURSES, FEDERALLY AIDED—STUDENTS ENROLLED, BY CLASS, BY STATE, AND FOR HAWAII AND PUERTO RICO: 1945 AND 1946**

[For years ending June 30. Excludes vocational teacher training courses. See also headnote, table 166]

STATE OR OTHER AREA	1945					1946				
	Total	Agricultural	Trade and Industrial	Home economics	Distributive	Total	Agricultural	Trade and Industrial	Home economics	Distributive
<b>Total.....</b>	<b>2, 012, 931</b>	<b>446, 963</b>	<b>522, 733</b>	<b>590, 464</b>	<b>182, 761</b>	<b>2, 227, 663</b>	<b>510, 331</b>	<b>639, 844</b>	<b>911, 816</b>	<b>174, 672</b>
Alabama.....	43, 596	12, 115	10, 493	17, 308	3, 682	45, 009	14, 503	10, 880	17, 895	1, 731
Arizona.....	7, 429	760	1, 106	4, 404	1, 159	12, 627	779	2, 044	5, 080	4, 744
Arkansas.....	50, 913	17, 825	7, 349	22, 017	3, 722	49, 393	15, 937	7, 030	23, 018	3, 408
California.....	156, 980	7, 863	62, 680	74, 220	12, 187	230, 750	22, 631	89, 952	96, 261	22, 006
Colorado.....	22, 915	1, 439	5, 769	13, 571	2, 136	21, 050	1, 762	7, 001	10, 453	1, 834
Connecticut.....	12, 889	520	6, 390	4, 601	1, 378	18, 569	595	10, 528	4, 923	2, 525
Delaware.....	4, 561	1, 070	1, 793	1, 623	76	4, 951	697	2, 367	1, 775	212
Dist. of Columbia.....	3, 820	22	1, 522	2, 193	83	7, 218	26	2, 504	3, 746	940
Florida.....	33, 550	7, 024	10, 918	14, 490	1, 118	34, 086	6, 814	13, 279	12, 793	1, 200
Georgia.....	99, 859	40, 280	6, 507	43, 021	8, 051	103, 627	41, 736	9, 074	43, 292	9, 525
Idaho.....	5, 537	1, 462	1, 438	2, 637	-	5, 753	1, 603	1, 463	2, 571	116
Illinois.....	59, 110	11, 515	19, 552	25, 330	2, 713	71, 154	17, 022	23, 945	27, 372	2, 815
Indiana.....	48, 321	7, 901	15, 610	23, 190	1, 640	52, 946	8, 448	17, 798	23, 611	3, 089
Iowa.....	34, 511	10, 731	7, 825	15, 094	861	39, 755	12, 266	10, 451	15, 928	1, 206
Kansas.....	18, 744	4, 053	5, 942	8, 499	250	16, 211	4, 227	2, 574	8, 813	697
Kentucky.....	37, 763	9, 655	4, 617	15, 533	7, 968	40, 312	11, 662	4, 606	14, 653	9, 391
Louisiana.....	48, 762	19, 551	6, 822	21, 043	1, 246	48, 477	15, 609	9, 309	20, 343	3, 216
Maine.....	4, 808	1, 008	1, 433	2, 330	37	4, 410	1, 131	949	2, 299	34
Maryland.....	14, 395	2, 895	5, 181	5, 763	566	17, 429	4, 117	7, 033	5, 873	406
Massachusetts.....	36, 229	1, 074	19, 481	14, 367	1, 307	41, 317	1, 487	21, 954	16, 620	1, 256
Michigan.....	77, 544	8, 776	28, 355	34, 786	5, 627	83, 156	11, 577	28, 778	37, 878	4, 923
Minnesota.....	25, 901	7, 452	4, 094	13, 611	744	31, 631	7, 969	5, 900	15, 786	1, 956
Mississippi.....	60, 030	27, 461	7, 024	24, 222	1, 323	62, 564	32, 308	5, 278	24, 135	825
Missouri.....	46, 347	12, 490	8, 847	20, 976	4, 034	45, 860	13, 649	9, 098	20, 729	2, 384
Montana.....	7, 884	1, 458	949	4, 548	929	8, 243	1, 733	1, 387	4, 027	1, 101
Nebraska.....	26, 861	3, 024	4, 485	18, 067	1, 285	22, 513	4, 055	4, 868	12, 612	978
Nevada.....	1, 771	123	436	1, 212	-	1, 670	119	734	817	-
New Hampshire.....	3, 352	332	1, 076	1, 944	-	3, 464	480	1, 279	1, 706	21
New Jersey.....	19, 428	1, 763	10, 875	4, 076	2, 694	25, 236	1, 924	16, 009	5, 173	1, 280
New Mexico.....	4, 960	867	800	3, 071	222	6, 401	1, 193	1, 113	2, 624	271
New York.....	115, 817	7, 789	77, 972	17, 681	12, 375	138, 358	10, 776	91, 516	23, 328	12, 738
North Carolina.....	63, 411	20, 893	7, 800	32, 168	2, 486	71, 394	26, 657	7, 305	32, 150	5, 282
North Dakota.....	6, 359	892	1, 044	4, 340	83	6, 378	1, 328	1, 152	3, 895	83
Ohio.....	53, 196	9, 567	15, 333	22, 456	5, 750	59, 229	10, 659	20, 429	22, 487	5, 654
Oklahoma.....	30, 615	8, 566	3, 742	16, 518	1, 789	32, 141	11, 077	3, 684	14, 769	2, 611
Oregon.....	12, 659	1, 717	4, 246	5, 170	1, 526	13, 397	2, 328	4, 940	5, 733	396
Pennsylvania.....	68, 861	9, 798	31, 633	21, 870	5, 560	87, 700	14, 696	41, 011	26, 927	5, 066
Rhode Island.....	2, 400	377	1, 091	932	-	3, 095	343	1, 635	1, 217	-
South Carolina.....	102, 639	55, 345	5, 012	38, 213	4, 069	98, 493	57, 186	4, 449	32, 166	2, 694
South Dakota.....	6, 371	936	559	3, 904	970	6, 748	987	1, 437	4, 073	251
Tennessee.....	59, 167	15, 161	12, 039	25, 839	6, 128	62, 741	17, 647	11, 143	29, 029	4, 922
Texas.....	198, 271	45, 738	25, 236	104, 889	22, 386	183, 119	44, 886	23, 776	66, 431	25, 026
Utah.....	16, 046	2, 713	1, 878	7, 257	4, 198	27, 140	4, 634	4, 087	11, 636	6, 783
Vermont.....	2, 684	511	567	1, 371	235	3, 446	631	936	1, 496	391
Virginia.....	75, 228	16, 270	10, 850	43, 746	5, 362	75, 151	15, 065	13, 971	42, 553	3, 562
Washington.....	45, 743	4, 394	15, 013	20, 592	5, 744	61, 131	6, 027	22, 006	23, 812	9, 284
West Virginia.....	16, 472	3, 329	6, 173	6, 738	232	18, 063	4, 103	6, 430	7, 242	288
Wisconsin.....	62, 128	12, 025	26, 405	28, 515	4, 183	67, 063	15, 352	28, 871	40, 252	3, 188
Wyoming.....	3, 174	747	351	2, 076	-	6, 207	1, 124	1, 828	3, 255	-
Hawaii.....	11, 078	1, 436	4, 731	4, 203	708	10, 698	1, 667	3, 265	4, 914	722
Puerto Rico.....	20, 950	5, 206	1, 627	12, 349	1, 868	20, 712	5, 296	1, 990	11, 637	1, 789

† Subject to revision.

Source: Federal Security Agency, Office of Education; Digest of Annual Reports of State Boards for Vocational Education.



**No. 169.—VOCATIONAL REHABILITATION OF DISABLED PERSONS, BY NUMBER REHABILITATED AND IN PROCESS OF REHABILITATION, BY STATES, AND FOR DISTRICT OF COLUMBIA, HAWAII, AND PUERTO RICO: 1930 TO 1947**

[The Vocational Rehabilitation Amendments of 1943 (Public Law 113) expanded Federal-State program for vocational rehabilitation of civilians injured in industry or by accident or illness, or impaired by congenital defect. Scope of services now includes any services necessary to render disabled persons employable or to become more advantageously employable. Program is in operation in the 48 States, the District of Columbia, Hawaii, and Puerto Rico. Figures given relate to cases aided by Federal and State funds. Total expenditures in 1947 (fiscal year) comprised: Federal funds \$14,188,933; State funds \$5,124,411 (subject to final audit)]

STATE OR OTHER AREA	REHABILITATED (YEAR ENDING JUNE 30)						IN PROCESS OF REHABILITATION ON JUNE 30					
	1930	1935	1940	1945	1946	1947 <sup>1</sup>	1930	1935	1940	1945	1946	1947 <sup>1</sup>
<b>Total.....</b>	<b>4,612</b>	<b>9,422</b>	<b>11,890</b>	<b>41,925</b>	<b>36,106</b>	<b>43,880</b>	<b>29,394</b>	<b>40,941</b>	<b>29,310</b>	<b>89,416</b>	<b>101,451</b>	<b>102,711</b>
Alabama.....	170	214	311	2,299	1,450	1,372	1,082	1,099	759	4,609	4,384	3,956
Arizona.....	30	44	62	83	94	126	55	216	157	401	382	343
Arkansas.....	45	63	114	525	541	567	431	768	418	1,693	1,771	1,415
California.....	257	675	1,215	2,971	2,292	3,205	606	2,341	2,835	5,371	5,826	7,238
Colorado.....	9	81	93	109	57	155	86	361	238	300	485	606
Connecticut.....	-----	87	102	949	735	974	-----	299	263	1,780	2,481	2,853
Delaware.....	-----	-----	16	257	285	355	-----	-----	64	421	552	750
Dist. of Columbia.....	-----	160	153	479	342	303	-----	544	272	1,047	1,237	1,055
Florida.....	22	101	179	896	615	1,081	351	405	442	1,815	2,168	1,949
Georgia.....	114	201	260	2,361	2,400	2,755	454	1,054	494	6,679	7,934	7,079
Idaho.....	15	46	67	81	96	92	102	191	170	146	178	212
Illinois.....	283	695	575	1,540	1,278	2,082	810	813	1,347	2,512	3,462	4,019
Indiana.....	140	312	254	546	736	712	628	1,351	1,179	2,700	3,040	3,030
Iowa.....	71	102	180	263	354	627	200	409	388	776	1,046	1,381
Kansas.....	-----	-----	-----	296	216	880	-----	-----	-----	566	997	770
Kentucky.....	146	307	234	2,418	1,511	894	608	1,055	585	2,519	1,967	1,762
Louisiana.....	35	81	83	1,596	714	902	271	613	594	2,364	1,248	1,737
Maine.....	23	56	55	172	212	309	139	210	125	470	527	521
Maryland.....	5	101	98	415	389	515	74	397	172	1,028	1,348	1,490
Massachusetts.....	132	151	233	386	405	316	361	658	644	910	1,103	1,067
Michigan.....	283	1,111	441	2,247	2,296	3,128	876	3,003	971	4,522	5,077	6,724
Minnesota.....	149	381	210	527	635	726	400	761	1,348	1,894	2,793	2,837
Mississippi.....	139	146	177	914	691	831	809	1,552	474	1,868	2,268	1,907
Missouri.....	-----	89	371	968	850	902	( <sup>2</sup> )	92	579	1,275	1,497	1,485
Montana.....	18	41	64	158	206	242	97	267	170	360	469	590
Nebraska.....	53	47	95	116	80	182	144	227	209	236	303	408
Nevada.....	10	22	18	10	17	19	12	79	39	91	99	98
New Hampshire.....	-----	47	26	64	74	87	-----	326	112	279	350	232
New Jersey.....	243	476	558	1,369	616	797	1,087	1,822	734	1,156	2,178	2,080
New Mexico.....	14	31	29	71	75	111	73	115	83	320	381	309
New York.....	540	703	832	2,148	2,115	2,776	1,821	2,428	1,503	3,438	4,797	5,897
North Carolina.....	72	230	486	1,925	2,091	2,156	722	1,243	801	4,002	4,794	4,330
North Dakota.....	34	53	60	89	153	174	151	176	169	397	549	592
Ohio.....	471	472	559	1,054	1,112	1,382	971	1,052	862	2,326	3,276	2,727
Oklahoma.....	110	212	342	1,028	898	659	1,547	1,799	967	2,023	2,074	2,171
Oregon.....	18	58	123	361	337	364	54	261	266	1,094	876	1,122
Pennsylvania.....	398	456	730	1,021	736	2,017	1,719	2,961	1,049	3,788	3,776	4,572
Rhode Island.....	9	24	58	88	152	155	53	132	83	421	514	432
South Carolina.....	11	96	130	1,603	1,515	1,766	374	606	363	2,700	2,636	1,896
South Dakota.....	12	39	41	44	59	73	69	126	93	172	190	277
Tennessee.....	124	153	346	1,390	1,073	1,116	677	2,051	827	3,587	3,249	2,404
Texas.....	12	210	623	1,957	1,845	1,759	144	1,528	1,755	3,561	4,266	4,219
Utah.....	33	50	57	221	155	265	102	268	254	864	1,039	594
Vermont.....	-----	-----	33	107	87	105	-----	-----	44	284	315	340
Virginia.....	38	240	209	930	825	1,003	800	970	736	2,696	2,893	2,526
Washington.....	-----	38	111	339	261	436	-----	378	350	591	1,026	1,337
West Virginia.....	103	119	165	824	773	1,305	289	380	370	2,218	2,732	2,871
Wisconsin.....	193	344	538	1,333	1,141	971	1,006	3,367	2,586	3,322	3,056	2,648
Wyoming.....	28	57	18	57	53	82	139	198	126	180	242	152
Hawaii.....	-----	-----	39	96	123	114	-----	-----	117	484	387	555
Puerto Rico.....	-----	-----	107	224	340	455	-----	-----	124	1,100	1,223	1,141

<sup>1</sup> Subject to revision.

<sup>2</sup> Not reported. Closed, lack of State appropriation.

Source: Federal Security Agency, Office of Vocational Rehabilitation; Digest of Annual Reports of State Boards for Vocational Rehabilitation.

## 6. Climate

Climatological data are gathered by the United States Weather Bureau at about 5,500 stations, of which number about 500 have automatic or hourly readings and the remainder one observation a day. There are few records in existence for stations before 1871, although some earlier and less detailed records began in the 18th century. Data shown in these tables include long-time averages and extremes of the several elements for the vicinities indicated. Where the station has moved, but not out of the general vicinity, the data represent combined values for both the previous and the new locations.

The following tables contain data from a list of cities selected to give a general representation of the climate over the United States. The average mean-temperature values have been adjusted occasionally to those of other long-record stations in the vicinity, in order that they might be representative of conditions in the local area. In all other tables the averages represent the arithmetic means of the period of record at the present station location within each city. Relative humidity averages are based on 3 to 4 daily observations.

The number of degree-days as used in table 182 is the average monthly sum of the positive differences between 65° and the daily mean temperatures. Experience has shown that, in order to heat buildings to a temperature of approximately 70°, the amount of fuel or heat used per day is proportional to the number of degrees the average outside temperature falls, below 65°. The degree-day value is based on this assumption.

No. 170—GROUND ELEVATION OF STATIONS IN SELECTED CITIES

STATION		Ground elevation (feet)	STATION		Ground elevation (feet)
Alabama.....	Mobile.....	10	New Jersey.....	Atlantic City.....	8
	Montgomery.....	201	New Mexico.....	Albuquerque.....	5,314
Arizona.....	Phoenix.....	1,083	New York.....	Albany.....	277
Arkansas.....	Little Rock.....	257		New York.....	10
California.....	Fresno.....	277		Rochester.....	543
	Los Angeles.....	287	North Carolina.....	Asheville.....	2,203
	San Francisco.....	52		Raleigh.....	400
Colorado.....	Denver.....	5,221	North Dakota.....	Bismarck.....	1,670
District of Columbia..	Washington.....	72	Ohio.....	Cleveland.....	663
Florida.....	Jacksonville.....	18	Oklahoma.....	Oklahoma City.....	1,254
	Miami.....	11	Oregon.....	Portland.....	30
Georgia.....	Atlanta.....	1,054	Pennsylvania.....	Harrisburg.....	335
Idaho.....	Boise.....	2,843		Pittsburgh.....	749
Illinois.....	Chicago.....	611	South Carolina.....	Charleston.....	9
Indiana.....	Indianapolis.....	718	South Dakota.....	Huron.....	1,282
Iowa.....	Des Moines.....	800	Tennessee.....	Nashville.....	485
Kansas.....	Wichita.....	1,373	Texas.....	Amarillo.....	3,590
Kentucky.....	Louisville.....	457		El Paso.....	3,710
Louisiana.....	New Orleans.....	9		Fort Worth.....	688
Maine.....	Eastport.....	33		Houston.....	41
Massachusetts.....	East Boston.....	12	Utah.....	Salt Lake City.....	4,222
Michigan.....	Detroit.....	619	Vermont.....	Burlington.....	331
	Sault Ste. Marie.....	721	Virginia.....	Norfolk.....	11
Minnesota.....	Minneapolis.....	839		Richmond.....	162
Mississippi.....	Vicksburg.....	234	Washington.....	Seattle.....	14
Missouri.....	Kansas City.....	742		Spokane.....	1,955
	St. Louis.....	465	West Virginia.....	Parkersburg.....	615
Montana.....	Helena.....	3,893	Wisconsin.....	Madison.....	938
	Miles City.....	2,634	Wyoming.....	Cheyenne.....	6,139
Nebraska.....	North Platte.....	2,805	Alaska.....	Juneau.....	15
	Omaha.....	982	Hawaii.....	Honolulu.....	12
Nevada.....	Winnemucca.....	4,289	Puerto Rico.....	San Juan.....	47

Source: Department of Commerce, Weather Bureau; records.

## No. 171.—MEAN TEMPERATURES

[Average of daily maximum and minimum temperatures]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala. Mobile	51.8	54.5	60.2	66.8	74.0	80.9	81.8	81.5	78.3	68.8	59.1	52.9	67.5
Montgomery	48.9	51.5	58.2	65.3	73.2	80.0	81.7	80.9	76.9	65.8	56.2	49.7	65.5
Ariz. Phoenix	52.0	55.7	60.7	67.3	75.8	83.1	90.4	90.4	83.3	71.4	60.0	52.6	70.3
Ark. Little Rock	42.0	44.9	53.4	62.5	70.0	78.0	81.2	80.8	74.6	63.8	52.2	44.0	62.3
Calif. Fresno	46.2	51.4	58.1	61.0	67.6	75.3	82.1	80.4	73.7	64.8	54.8	46.8	63.3
Los Angeles	55.6	58.3	58.0	60.2	62.7	66.5	70.5	71.4	69.8	65.8	61.9	57.3	60.3
San Francisco	50.1	52.7	54.3	55.7	57.0	58.9	58.9	59.3	61.6	60.8	56.8	51.5	56.5
Colo. Denver	30.7	32.9	39.3	47.7	56.7	66.8	72.5	71.4	62.8	51.5	40.2	32.6	50.4
D. C. Washington	34.4	35.6	43.8	53.8	64.5	72.9	77.1	75.0	68.8	57.2	46.1	36.8	53.1
Fla. Jacksonville	55.9	57.8	63.1	68.7	75.0	80.0	81.9	81.5	78.6	70.3	62.4	56.5	69.4
Miami	67.7	68.1	71.1	74.1	77.4	80.3	81.7	82.1	81.0	77.6	72.5	68.8	72.3
Ga. Atlanta	43.4	45.6	52.7	61.0	69.5	78.5	78.5	77.6	73.3	62.7	52.0	44.5	61.5
Idaho Boise	28.6	35.9	41.9	50.4	57.1	63.2	74.4	72.3	62.2	52.9	39.0	28.1	50.9
Ill. Chicago	22.3	24.9	34.5	46.9	57.8	68.1	72.7	71.6	64.9	52.5	37.7	26.9	48.4
Ind. Indianapolis	29.0	31.1	40.7	52.2	62.9	72.2	74.2	74.2	67.4	55.8	42.4	32.4	53.0
Iowa Des Moines	21.2	24.6	36.7	50.5	61.7	71.0	76.2	73.7	65.6	53.8	39.8	28.3	50.0
Kans. Wichita	32.1	35.1	45.3	56.4	65.1	75.0	80.1	79.4	71.3	59.4	45.4	35.1	56.6
Ky. Louisville	34.8	36.9	46.0	56.2	66.2	74.8	78.6	76.9	70.7	59.0	46.5	37.4	57.0
La. New Orleans	54.7	57.4	63.1	68.1	73.4	81.1	82.6	82.6	79.5	71.9	62.0	55.9	69.6
Me. Eastport	20.9	21.4	29.9	38.9	47.8	55.2	60.4	60.7	56.0	47.7	37.3	28.6	41.8
Mass. Boston	28.4	28.5	36.6	46.5	57.6	66.7	72.1	70.2	63.8	53.7	42.8	32.3	49.9
Mich. Detroit	23.0	25.3	34.2	46.1	57.9	67.7	72.7	70.7	63.9	52.4	39.4	29.0	48.7
Sault Ste. Marie	12.1	11.4	20.6	36.5	48.2	57.5	62.7	60.8	54.0	43.0	30.4	18.8	38.0
Minn. Minneapolis	13.8	16.6	30.3	46.1	57.9	67.7	73.1	70.4	62.0	49.7	33.0	19.7	45.0
Miss. Vicksburg	48.5	51.6	58.6	65.7	72.7	79.3	81.4	81.1	76.6	65.7	50.1	45.3	65.3
Mo. Kansas City	31.1	32.3	43.4	55.1	64.8	74.3	79.3	77.7	70.0	58.6	44.6	33.5	55.3
St. Louis	31.1	34.8	44.1	56.1	67.0	75.0	78.8	77.5	70.5	58.8	45.6	35.1	56.3
Mont. Helena	20.6	23.6	32.7	43.8	52.0	59.7	67.8	66.3	55.8	45.6	32.8	22.1	43.3
Nebr. North Platte	23.9	27.5	36.9	49.0	59.0	68.7	75.0	73.1	63.9	51.5	37.4	27.6	49.5
Omaha	22.3	26.2	37.8	51.7	62.4	72.0	77.5	75.1	66.6	54.7	39.2	27.4	51.1
Nev. Winnemucca	28.1	33.4	40.1	47.0	54.8	63.2	71.9	69.6	60.6	48.9	37.9	30.3	49.3
N. J. Atlantic City	33.7	33.5	39.8	48.2	58.4	67.5	72.8	72.5	67.5	57.1	46.3	36.8	52.8
N. M. Albuquerque	34.3	39.4	46.3	54.4	63.1	72.5	78.3	74.6	67.6	56.0	43.6	34.8	55.3
N. Y. Albany	23.6	24.5	33.8	46.7	59.2	68.3	72.4	70.6	62.8	50.8	39.4	28.0	48.3
New York	31.2	31.3	38.9	49.1	60.2	69.1	74.2	72.7	66.7	56.1	44.7	33.1	54.9
Rochester	25.0	24.3	32.6	44.6	56.6	66.3	71.3	69.1	62.9	51.1	39.4	29.0	47.7
N. C. Asheville	33.6	39.6	46.9	54.5	62.8	69.9	72.9	72.0	67.2	56.2	46.2	36.3	55.6
Raleigh	42.1	43.4	51.1	59.3	68.5	75.9	78.5	77.6	72.2	61.3	51.3	41.1	60.3
N. Dak. Bismarck	8.3	11.7	25.2	43.1	54.7	64.1	70.5	68.2	58.0	45.4	38.4	15.6	41.1
Ohio. Cleveland	24.7	26.3	34.5	46.2	58.1	67.7	71.9	70.2	63.8	52.7	39.0	29.1	48.7
Okl. Oklahoma City	37.6	40.5	50.3	60.1	67.9	75.9	81.4	81.2	74.0	62.5	49.5	39.7	60.1
Oreg. Portland	39.4	42.1	46.9	51.8	56.9	62.4	66.7	66.7	61.7	54.2	46.8	41.2	52.1
Pa. Harrisburg	30.3	30.6	40.2	51.0	62.3	70.6	75.1	72.8	66.5	54.9	43.6	33.4	52.6
Pittsburgh	30.9	31.4	40.2	50.7	62.0	70.4	74.4	72.4	66.6	55.0	43.1	33.1	52.6
S. C. Charleston	50.4	52.0	57.9	64.9	72.9	79.2	81.6	80.9	77.0	67.7	58.3	51.6	66.3
S. Dak. Huron	12.7	18.0	30.4	40.1	57.0	67.0	73.0	70.8	61.4	48.4	31.8	19.5	44.5
Tenn. Nashville	39.2	41.6	49.7	59.2	68.2	76.3	79.4	78.2	72.2	61.0	49.0	41.0	59.6
Tex. Amarillo	33.1	36.1	45.3	53.8	62.1	71.4	75.9	74.6	67.8	55.8	43.8	35.5	54.6
El Paso	44.8	49.6	55.8	63.7	72.2	80.7	81.9	80.1	74.6	64.5	52.5	45.4	63.8
Fort Worth	46.3	48.9	57.6	64.9	72.5	80.5	84.0	84.2	77.8	67.7	56.4	47.3	65.7
Houston	63.5	65.1	62.8	69.3	75.2	81.2	83.2	83.3	79.0	70.9	61.5	54.7	69.2
Utah. Salt Lake City	26.1	32.2	40.7	50.1	58.4	66.9	76.9	74.6	64.1	52.7	38.2	31.0	51.0
Vt. Burlington	18.7	18.7	29.1	43.0	55.8	64.9	69.9	67.4	60.1	48.5	36.6	24.0	44.7
Va. Norfolk	41.7	42.4	48.9	57.1	66.7	74.8	78.5	77.4	72.4	62.1	51.9	43.4	59.8
Richmond	38.5	40.1	47.7	56.8	66.8	74.6	78.0	76.5	71.2	60.9	49.2	40.2	59.3
Wash. Seattle	40.5	42.3	45.6	50.4	55.6	60.1	64.4	64.1	59.4	53.0	46.3	42.3	52.0
Spokane	27.5	31.5	40.2	48.6	56.3	62.6	70.4	68.8	59.3	49.0	37.8	28.1	48.6
W. Va. Parkersburg	32.5	34.2	42.8	53.4	63.8	71.4	75.4	73.9	67.3	56.1	43.8	35.3	54.3
Wis. Madison	17.5	20.2	31.4	46.7	67.7	67.4	72.6	70.2	62.3	50.3	35.3	22.9	46.1
Wyo. Cheyenne	25.5	27.3	33.1	40.9	50.3	60.4	66.7	65.6	57.0	44.8	34.8	28.5	44.6
Alaska Juneau	28.1	30.2	33.9	40.9	47.9	54.3	58.7	55.4	50.5	43.5	36.0	31.2	42.4
Hawaii Honolulu	71.5	71.5	71.7	72.1	74.9	75.6	77.6	78.3	78.2	77.2	75.0	73.2	74.9
P. R. San Juan	74.9	74.9	75.5	76.7	78.7	79.7	80.0	80.5	80.5	80.0	78.2	76.4	78.0

Source: Department of Commerce, Weather Bureau; records.

## No. 173.—AVERAGE DAILY MAXIMUM TEMPERATURES

[Averages for period of record, including 1946]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	74	60.4	62.7	67.1	75.1	82.5	88.3	89.6	80.4	86.3	77.8	68.1	61.9	75.8
	Montgomery	75	57.8	60.7	66.0	75.6	83.4	89.3	90.9	80.9	86.4	78.7	68.2	58.5	75.3
Aris.	Phoenix	51	65.0	69.0	74.5	82.5	91.2	101.1	103.5	101.4	97.3	86.3	74.7	63.7	84.3
Ark.	Little Rock	67	50.2	53.6	62.8	72.0	79.1	87.1	90.4	89.6	84.1	73.9	61.3	52.1	71.4
Calif.	Fresno	58	54.3	61.2	66.4	74.0	81.9	91.1	99.1	97.3	89.3	78.6	66.8	55.2	76.3
	Los Angeles	69	64.9	68.8	67.3	69.6	71.8	76.2	81.1	82.0	80.5	78.3	72.7	66.9	72.9
	San Francisco	72	55.2	68.4	60.7	62.1	63.3	65.5	65.0	65.2	68.5	67.8	62.8	56.5	62.6
Colo.	Denver	75	42.8	44.8	51.3	59.7	68.8	80.1	85.6	84.3	76.5	64.6	52.6	44.6	63.0
D. C.	Washington	75	62.1	63.8	62.8	63.3	76.8	82.6	86.6	84.2	78.3	67.1	54.8	44.5	64.6
Fla.	Jacksonville	75	64.1	66.9	71.6	77.5	83.5	87.9	90.2	89.5	85.4	78.8	70.6	65.0	77.6
	Miami	50	74.5	75.3	77.9	80.5	83.5	86.2	87.6	88.1	86.8	83.3	78.4	75.5	81.5
Ga.	Atlanta	67	61.4	64.1	62.1	70.6	79.1	85.9	87.4	86.2	82.1	71.9	60.7	52.3	70.3
Idaho	Boise	7	36.1	43.9	52.5	62.6	70.1	76.5	90.2	68.2	78.4	65.3	47.2	40.2	62.4
Ill.	Chicago	74	31.8	33.7	43.2	54.4	63.5	75.2	80.7	78.7	72.6	61.2	47.0	35.7	56.7
Ind.	Indianapolis	76	36.3	38.6	49.1	61.3	72.3	81.6	86.0	83.5	77.1	65.0	50.0	39.1	61.7
Iowa	Des Moines	66	30.0	33.6	45.9	60.6	71.9	81.2	88.7	84.0	76.0	64.2	47.6	34.4	59.7
Kans.	Wichita	58	41.4	45.2	56.3	67.1	74.6	85.2	90.8	90.2	82.1	70.0	55.4	44.1	66.9
Ky.	Louisville	74	42.6	45.0	54.9	65.7	75.9	84.2	88.1	86.3	80.5	68.9	54.6	44.6	66.0
La.	New Orleans	73	62.5	65.2	71.1	76.9	83.1	88.4	89.6	89.5	86.3	78.6	69.8	63.6	77.0
Me.	Eastport	73	28.3	28.7	36.4	45.3	55.2	63.4	68.8	68.4	62.8	53.8	43.1	32.4	48.9
Mass.	Boston	59	35.3	36.6	43.4	54.5	65.6	75.2	80.1	77.8	71.2	61.6	49.3	39.6	57.6
Mich.	Detroit	73	31.4	32.2	41.9	55.0	67.3	76.9	82.1	79.6	72.7	60.4	48.0	35.0	56.7
	Sault Ste. Marie	55	19.3	20.3	29.2	45.0	58.2	68.3	73.2	70.3	62.5	50.1	36.0	25.2	46.5
Minn.	Minneapolis	66	22.2	25.2	38.5	55.6	67.8	77.2	82.9	80.2	71.6	58.4	40.4	27.6	53.9
Miss.	Vicksburg	73	57.0	60.2	67.8	75.0	82.0	88.3	90.1	90.0	86.0	76.7	66.3	58.5	74.8
Mo.	Kansas City	57	38.2	41.1	53.0	64.5	74.0	83.4	88.7	87.2	79.6	68.4	53.4	41.1	64.4
	St. Louis	108	46.8	48.3	59.8	66.7	73.0	82.6	87.4	85.6	77.4	66.3	54.8	49.8	60.1
Mont.	Helena	67	28.9	32.4	42.1	54.4	62.9	71.2	81.2	79.7	67.7	55.9	41.5	32.8	54.2
	Miles City	50	27.2	29.9	42.4	56.7	68.7	79.0	87.8	85.7	73.6	60.3	44.0	32.0	57.4
Nebr.	North Platte	71	35.9	39.8	49.6	61.6	71.1	80.8	87.6	86.0	77.7	65.8	50.6	39.6	62.2
	Omaha	74	31.0	35.2	47.3	61.9	72.3	81.8	87.4	84.9	76.8	65.0	48.2	35.6	60.6
Nev.	Winnemucca	67	39.0	44.4	52.8	61.2	69.7	79.1	89.7	89.3	77.8	65.7	52.2	41.7	63.6
N. J.	Atlantic City	73	40.6	40.4	46.5	55.0	64.9	73.8	78.6	78.2	73.5	63.9	53.2	43.7	59.4
N. M.	Albuquerque	54	47.1	52.9	61.0	69.5	78.4	88.2	90.3	88.2	81.6	70.6	57.7	47.4	69.4
N. Y.	Albany	73	31.4	32.0	41.8	55.7	69.0	77.8	82.6	80.2	72.8	60.6	46.8	35.1	57.2
	New York	46	37.4	38.4	46.4	57.2	68.5	77.0	81.7	72.6	78.7	68.3	51.0	41.2	59.8
	Rochester	75	31.7	31.4	40.0	53.0	66.2	76.0	80.7	78.2	72.0	59.4	45.9	35.0	53.7
N. C.	Asheville	38	47.9	49.4	57.3	65.4	73.9	80.5	82.9	84.0	77.6	67.7	56.6	48.6	66.0
	Raleigh	60	50.9	52.7	61.4	70.1	79.0	86.8	87.9	86.4	81.6	71.3	61.0	52.0	70.0
N. Dak.	Bismarck	71	18.0	22.0	35.0	55.0	67.0	76.0	83.0	81.0	71.0	57.0	39.0	27.0	52.0
Ohio	Cleveland	70	32.0	34.3	43.0	56.3	69.3	78.9	83.6	81.3	74.7	62.6	48.8	35.6	58.2
Okla.	Oklahoma City	56	47.3	51.1	61.7	70.9	77.8	87.0	91.9	92.2	84.6	73.4	61.1	49.0	70.6
Oreg.	Portland	72	44.3	48.0	54.3	60.8	66.4	72.0	77.5	77.5	71.3	62.0	52.5	45.9	61.1
Pa.	Harrisburg	58	36.9	37.6	48.2	60.3	72.0	80.1	84.6	81.9	75.7	63.7	50.8	39.6	60.9
	Pittsburgh	73	38.4	39.5	48.9	60.5	72.1	80.2	84.1	82.0	76.4	64.3	50.6	40.6	61.6
S. C.	Charleston	73	58.1	59.6	65.7	72.3	79.8	86.6	88.0	87.2	83.1	74.9	66.4	59.2	73.3
S. Dak.	Huron	65	23.3	26.5	40.8	58.1	69.1	78.7	83.5	83.5	74.5	61.2	42.6	29.5	56.1
Tenn.	Nashville	75	47.4	50.2	59.1	69.1	78.1	85.9	88.8	87.8	82.4	71.4	58.3	49.1	69.0
Texas	Amarillo	55	45.5	48.9	59.0	67.3	74.6	83.8	87.8	86.6	80.0	68.2	56.3	47.1	67.1
	El Paso	60	57.3	62.3	69.1	77.2	85.5	93.8	93.3	91.4	84.4	77.4	65.6	57.1	76.4
	Fort Worth	48	56.5	59.4	68.5	75.5	82.2	90.6	94.1	94.7	88.0	78.4	66.7	57.1	76.0
	Houston	56	62.1	65.0	71.8	77.9	84.2	90.2	92.2	92.4	88.1	81.0	70.7	63.3	78.2
Utah	Salt Lake City	18	35.2	41.0	51.0	62.3	71.8	81.7	92.4	90.7	79.0	65.8	49.0	39.9	63.2
Vt.	Burlington	50	26.5	26.7	37.2	51.3	64.8	73.9	78.5	76.2	68.6	56.5	42.9	30.5	62.9
Va.	Norfolk	72	49.3	50.5	57.8	66.1	75.6	83.3	86.7	84.8	79.6	69.7	59.6	50.9	68.7
	Richmond	49	46.9	48.8	57.5	67.3	77.2	84.0	88.3	85.8	80.2	69.9	58.2	48.3	67.7
Wash.	Seattle	56	44.9	47.7	52.1	58.1	63.6	68.4	72.3	73.1	67.0	58.9	51.1	46.6	58.6
	Spokane	66	33.4	38.7	49.3	59.5	67.9	74.7	84.4	83.1	72.1	59.8	44.1	36.2	58.6
W. Va.	Parkersburg	58	40.5	42.5	53.3	63.1	74.9	81.9	85.4	84.3	77.8	66.9	53.8	42.6	64.0
Wis.	Madison	78	24.3	27.7	38.7	54.1	66.6	76.0	81.2	78.7	70.6	59.1	41.9	29.2	54.0
Wyo.	Cheyenne	74	36.3	38.4	44.3	52.7	62.6	73.9	80.5	79.3	71.0	57.5	46.2	39.2	56.8
Alaska	Juneau	45	32.0	34.8	38.8	47.1	55.4	62.2	63.6	61.7	66.4	48.1	40.1	34.6	47.9
Hawaii	Honolulu	40	78.3	76.4	76.6	77.7	79.6	81.2	82.2	82.9	82.9	82.0	79.7	77.9	79.8
P. R.	San Juan	46	79.9	80.2	80.7	81.9	83.6	84.6	84.7	85.4	85.7	85.4	83.6	81.3	83.1

¹Averages for 1942.

Source: Department of Commerce, Weather Bureau; records.

## No. 173.—AVERAGE DAILY MINIMUM TEMPERATURES

[Averages for period of record, including 1945]

STATION	Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala. Mobile	74	43.6	46.2	52.0	58.5	65.7	72.3	74.0	73.7	70.2	59.7	55.1	44.6	59.3
Montgomery	75	40.0	42.3	48.4	55.2	63.1	70.2	72.4	71.9	67.6	56.4	46.2	40.9	56.2
Ariz. Phoenix	51	38.9	42.6	47.0	53.0	60.4	69.2	77.2	76.1	69.3	56.4	45.3	39.6	56.3
Ark. Little Rock	67	33.7	36.2	44.1	53.0	60.8	68.8	72.0	71.0	65.2	53.8	43.0	36.0	53.2
Calif. Fresno	58	33.1	41.6	44.5	48.0	53.2	59.5	65.6	63.5	58.1	51.0	43.0	38.4	50.3
Los Angeles	69	46.2	47.1	48.8	50.8	53.6	56.7	60.0	60.8	59.0	55.3	51.2	47.9	53.1
San Francisco	72	45.0	47.1	48.3	49.4	50.8	52.3	53.0	53.5	54.6	53.8	50.7	46.6	50.4
Calif. Denver	75	18.6	21.1	27.3	35.6	44.6	53.5	59.4	58.3	49.2	38.4	27.8	20.7	37.9
D. C. Washington	75	26.7	27.4	34.7	43.8	54.3	63.2	67.8	66.0	59.5	47.6	37.6	29.3	46.5
Fla. Jacksonville	75	46.7	49.1	53.6	59.9	66.5	71.9	74.0	73.9	71.2	63.7	53.8	47.6	61.0
Miami	50	60.7	60.9	64.3	67.3	71.2	74.5	75.8	76.2	75.3	72.1	66.4	62.2	68.9
Ga. Atlanta	67	35.4	37.0	43.3	51.4	60.0	67.2	69.7	69.0	64.5	53.7	43.4	36.7	52.6
Idaho Boise	7	21.4	27.8	31.3	36.2	44.1	49.8	59.7	56.5	48.0	40.4	30.9	26.2	39.4
Ill. Chicago	74	18.0	20.0	29.3	39.6	49.6	59.7	66.0	65.2	58.2	46.9	33.8	23.4	42.6
Ind. Indianapolis	76	21.6	23.4	32.3	43.1	53.5	62.8	66.8	64.7	57.8	46.6	34.8	25.6	44.4
Iowa Des Moines	66	12.3	15.7	27.8	40.4	51.4	61.2	65.7	63.4	55.2	43.3	29.6	18.2	40.3
Kans. Wichita	58	22.9	25.0	34.4	45.7	55.1	64.7	68.4	66.4	60.5	48.6	35.5	26.1	46.4
Ky. Louisville	74	27.1	28.7	37.0	46.7	56.5	65.4	69.1	67.4	60.9	49.2	36.3	29.5	48.0
La. New Orleans	73	47.2	49.5	55.2	61.4	67.9	73.9	75.6	75.7	72.9	64.2	54.5	48.4	62.2
Maine Eastport	73	13.1	14.1	23.3	32.5	43.5	46.9	52.0	53.0	49.2	41.6	31.5	18.7	34.7
Mass. Boston	59	20.0	21.0	27.8	38.3	48.6	57.8	63.3	62.0	56.2	45.5	34.8	23.4	41.6
Mich. Detroit	73	18.6	18.4	26.7	37.4	48.5	58.5	63.4	61.7	55.4	44.4	33.2	22.8	40.8
Sault Ste. Marie	55	4.4	2.4	12.0	28.0	38.3	46.7	52.2	51.4	46.5	35.9	24.8	12.5	29.5
Minn. Minneapolis	56	5.5	8.1	22.0	36.6	48.0	58.2	63.2	60.6	52.4	40.7	25.6	12.3	36.1
Miss. Vicksburg	73	40.2	42.8	49.5	56.4	63.5	70.8	72.6	72.2	67.2	57.0	47.3	41.8	56.7
Mo. Kansas City	57	21.7	23.7	33.8	45.7	55.6	65.2	69.9	68.2	60.5	48.9	35.8	25.7	46.7
St. Louis	108	17.2	20.3	27.5	44.4	58.9	68.5	73.7	70.4	63.2	47.1	33.0	23.3	52.8
Mont. Helena	67	12.2	14.8	23.2	33.1	41.0	48.2	54.3	53.0	43.9	35.3	24.2	17.0	33.4
Miles City	50	7.0	8.9	21.2	35.2	45.1	54.8	60.8	57.7	47.2	35.6	23.2	12.6	34.1
Nebr. North Platte	71	11.8	15.4	24.2	36.3	46.9	56.7	62.4	60.3	50.2	37.1	24.2	15.7	36.8
Omaha	74	13.6	17.0	28.3	41.6	52.7	62.4	67.5	65.3	56.4	44.5	30.1	19.3	41.6
Nev. Winnemucca	67	17.2	22.5	27.4	32.9	34.7	47.3	54.0	50.9	41.2	32.1	23.7	18.8	34.0
N. J. Atlantic City	73	26.4	26.7	33.2	41.5	51.9	61.2	66.8	66.7	61.5	50.2	39.4	30.9	45.0
N. Max. Albuquerque	54	21.4	25.9	31.7	39.3	47.8	56.9	62.4	60.8	53.5	41.4	29.5	22.2	41.1
N. Y. Albany	73	15.5	18.5	25.5	37.2	48.5	58.0	62.9	60.7	53.7	42.5	32.6	21.0	39.5
New York	46	24.5	24.2	30.2	41.6	52.6	60.5	65.9	65.2	59.6	49.0	37.3	28.8	45.0
Rochester	75	18.2	16.9	25.3	36.1	47.3	56.7	61.9	60.1	53.7	42.9	33.0	22.9	39.6
N. C. Asheville	38	29.3	29.8	36.5	43.4	51.7	59.4	62.8	63.9	56.8	44.8	35.7	30.1	45.4
Raleigh	60	33.3	34.1	40.9	48.6	58.0	65.9	69.2	68.2	62.9	51.3	41.6	34.5	50.7
N. Dak. Bismarck	71	-2.0	1.0	15.0	32.0	43.0	53.0	58.0	53.0	45.0	33.0	18.0	6.0	30.0
Ohio. Cleveland	70	17.4	18.3	26.0	36.1	46.9	56.5	60.3	59.2	52.9	42.8	31.3	22.6	39.2
Okla. Oklahoma City	55	27.6	30.0	38.9	49.3	58.0	66.9	70.8	70.2	63.2	51.6	39.2	30.3	49.7
Oreg. Portland	72	34.4	36.1	39.4	42.8	47.4	52.8	55.8	55.9	52.1	46.5	41.0	36.5	46.1
Pa. Harrisburg	58	23.7	23.6	32.1	41.8	52.6	61.1	65.7	63.7	57.3	46.1	36.4	27.1	44.3
Pittsburgh	73	23.4	23.4	31.4	40.9	51.8	60.6	64.6	62.7	56.9	45.6	35.6	26.9	43.6
S. C. Charleston	73	43.0	44.4	50.3	57.2	67.2	72.5	75.0	74.5	70.7	60.8	50.8	44.1	59.2
S. Dak. Huron	65	2.1	5.5	20.0	34.2	44.9	55.4	60.5	58.0	48.4	35.7	21.0	9.5	32.9
Tenn. Nashville	75	20.9	32.9	40.3	49.5	58.3	66.7	70.0	68.7	62.1	50.3	39.8	32.9	50.2
Tex. Amarillo	55	20.8	23.3	31.6	40.4	49.6	58.9	64.0	62.6	55.5	43.3	31.2	23.9	42.1
El Paso	57	32.5	36.9	42.4	49.9	58.4	67.0	69.7	68.3	62.6	51.6	39.5	33.4	51.0
Fort Worth	48	36.0	38.3	46.6	54.4	62.7	70.7	73.8	74.1	67.6	56.9	46.1	37.6	55.4
Houston	55	44.5	46.9	53.5	60.0	66.3	72.2	74.1	74.2	70.2	61.2	52.0	45.9	60.1
Utah Salt Lake City	18	17.0	23.4	30.4	38.8	44.9	52.1	61.4	59.4	49.1	39.6	27.6	22.0	38.7
Vt. Burlington	47	10.6	11.2	21.6	34.3	46.0	55.5	60.6	58.3	51.3	41.1	30.1	16.6	36.3
Va. Norfolk	72	33.9	34.2	40.2	48.1	57.5	66.2	70.5	70.1	65.5	54.8	44.4	36.5	51.8
Richmond	49	28.8	30.3	36.9	45.8	55.4	64.2	68.7	67.2	60.8	49.2	38.4	31.2	48.1
Wash. Seattle	56	36.1	37.0	39.2	42.7	47.5	51.5	55.1	55.2	51.8	47.0	41.4	38.1	45.2
Spokane	66	21.6	24.3	31.3	37.7	44.7	50.8	56.3	54.5	48.6	38.4	31.0	25.8	38.6
W. Va. Parkersburg	58	24.6	25.8	32.4	43.8	52.6	61.0	64.9	63.5	58.8	45.3	34.8	27.8	44.6
Wis. Madison	78	10.1	12.6	23.9	37.2	48.9	58.9	63.9	61.7	54.1	42.4	28.6	16.6	35.2
Wyo. Cheyenne	74	14.7	16.2	21.9	29.1	38.1	46.9	52.9	51.9	43.0	32.1	23.4	17.8	32.3
Alaska Juneau	44	23.9	26.2	29.1	34.7	40.4	46.5	50.1	49.4	44.6	39.0	31.7	26.9	36.9
Hawaii Honolulu	40	68.7	69.6	68.8	68.5	70.2	72.0	73.1	73.7	73.5	72.4	70.4	68.6	70.3
P. R. San Juan	48	69.9	69.6	70.2	71.5	73.5	74.3	75.4	75.6	75.3	74.5	73.2	71.5	72.9

Averages for 1942.

Source: Department of Commerce, Weather Bureau; records.

## No. 174.—HIGHEST TEMPERATURE OF RECORD

[For period of record, including 1940]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An- nual
Alabama.....	Mobile.....	78	78	81	91	90	98	102	103	101	103	98	88	80	103
	Montgomery.....	75	81	84	90	92	99	106	107	103	106	96	86	81	107
Arizona.....	Phoenix.....	51	84	92	96	103	114	118	118	115	112	108	96	84	118
Arkansas.....	Little Rock.....	67	81	87	90	94	97	105	106	110	104	93	84	78	110
California.....	Fresno.....	59	78	84	87	101	110	112	115	113	111	100	88	76	115
	Los Angeles.....	69	90	92	99	100	103	105	109	106	108	102	96	92	109
	San Francisco.....	75	76	80	86	89	97	100	99	92	101	96	83	74	101
Colorado.....	Denver.....	75	76	77	82	86	95	99	102	105	97	90	79	79	105
Dist. of Col.....	Washington.....	76	77	84	93	95	97	102	106	106	104	96	83	74	106
Florida.....	Jacksonville.....	75	84	86	91	92	99	101	104	101	99	95	86	83	104
	Miami.....	60	85	■	92	98	94	94	96	95	95	93	88	81	96
Georgia.....	Atlanta.....	68	76	78	87	93	■	102	103	101	102	94	82	75	108
Idaho.....	Boise.....	83	62	69	83	92	100	109	111	112	103	95	85	70	112
Illinois.....	Chicago.....	76	65	68	82	91	98	102	106	102	100	87	78	68	106
Indiana.....	Indianapolis.....	76	70	73	84	90	96	101	106	103	100	89	78	69	106
Iowa.....	Des Moines.....	66	65	78	88	92	105	103	110	110	102	92	82	69	110
Kansas.....	Wichita.....	58	74	82	92	96	100	109	112	114	106	95	83	75	114
Kentucky.....	Louisville.....	74	77	78	88	91	98	102	107	105	102	91	82	74	107
Louisiana.....	New Orleans.....	75	83	84	90	90	96	102	102	100	99	94	89	84	102
Maine.....	Eastport.....	73	58	62	76	81	90	92	93	91	92	83	67	57	93
Massachusetts.....	Boston.....	76	70	68	86	89	■	100	104	101	102	90	78	■	104
Michigan.....	Detroit.....	76	66	65	81	88	95	104	105	104	100	■	76	66	106
	Sault Ste. Marie.....	57	48	50	69	83	91	93	96	94	92	82	74	54	98
Minnesota.....	Minneapolis.....	54	58	64	83	91	106	104	108	103	104	90	77	63	108
Mississippi.....	Vicksburg.....	73	82	84	92	92	97	101	102	101	104	94	86	82	104
Missouri.....	Kansas City.....	57	70	81	91	95	103	108	110	113	107	98	83	74	112
	St. Louis.....	76	74	84	92	93	98	104	110	108	103	98	83	75	110
Montana.....	Helena.....	57	63	69	73	86	98	102	103	103	95	84	71	64	103
	Miles City.....	50	66	71	88	91	101	108	111	108	106	91	76	71	111
Nebraska.....	North Platte.....	71	70	74	87	95	99	104	109	108	105	94	83	76	109
	Omaha.....	74	69	78	91	94	103	107	114	111	104	96	80	72	114
Nevada.....	Winnemucca.....	57	61	69	83	87	■	104	106	106	97	90	75	70	108
New Jersey.....	Atlantic City.....	73	68	77	79	90	95	97	102	104	94	91	77	68	104
New Mexico.....	Albuquerque.....	54	72	79	85	89	97	104	102	101	97	89	83	72	104
New York.....	Albany.....	78	71	66	85	93	97	100	104	102	98	91	75	67	104
	New York.....	76	68	73	84	91	95	97	102	102	100	90	75	68	102
	Rochester.....	75	71	70	86	90	93	98	102	98	98	89	■	70	102
N. Carolina.....	Asheville.....	38	77	80	87	89	91	98	99	98	95	85	76	78	99
	Raleigh.....	60	79	82	94	95	99	102	104	103	101	96	84	79	104
N. Dakota.....	Bismarck.....	71	60	65	81	90	102	107	114	109	105	91	74	66	114
Ohio.....	Cleveland.....	76	71	73	83	88	92	101	103	100	98	90	79	69	103
Oklahoma.....	Oklahoma City.....	56	83	90	97	96	99	107	109	113	105	97	86	79	113
Oregon.....	Portland.....	72	65	68	83	93	99	102	107	■	102	88	78	65	107
Pennsylvania.....	Harrisburg.....	58	73	74	86	93	97	100	103	104	99	97	77	78	104
	Pittsburgh.....	72	75	77	84	90	95	98	103	103	102	91	79	73	103
S. Carolina.....	Charleston.....	76	82	83	94	93	99	104	104	102	100	95	83	81	104
S. Dakota.....	Huron.....	65	64	76	89	94	106	109	111	110	106	94	79	71	111
Tennessee.....	Nashville.....	75	78	79	89	90	96	101	106	105	104	92	85	75	106
Texas.....	Amarillo.....	55	83	84	96	94	100	107	106	100	102	95	86	83	107
	El Paso.....	60	77	86	93	95	102	106	105	103	100	94	85	77	106
	Fort Worth.....	48	93	96	100	100	107	107	109	112	107	101	88	84	112
	Houston.....	56	84	90	94	93	98	103	■	108	101	99	89	84	108
Utah.....	Salt Lake City.....	18	59	66	77	85	92	103	106	103	95	86	74	60	106
Vermont.....	Burlington.....	63	64	56	73	85	93	94	100	94	95	83	74	64	100
Virginia.....	Norfolk.....	76	80	82	92	■	98	102	104	105	100	94	82	76	105
	Richmond.....	49	80	82	94	■	98	104	105	107	101	90	88	77	107
Washington.....	Seattle.....	56	67	70	81	■	92	98	100	96	92	82	68	65	100
	Spokane.....	66	62	60	74	■	97	100	108	104	98	87	70	■	108
W. Virginia.....	Parkersburg.....	58	74	77	89	93	98	99	104	108	99	91	82	72	108
Wisconsin.....	Madison.....	88	58	63	86	89	101	100	107	101	97	86	77	62	107
Wyoming.....	Cheyenne.....	74	64	66	77	82	88	97	■	96	91	85	75	69	109
Alaska.....	Juneau.....	46	64	67	61	69	80	87	89	87	77	66	64	60	■
Hawaii.....	Honolulu.....	55	84	84	84	86	87	88	■	88	88	86	86	85	■
Puerto Rico.....	San Juan.....	48	88	91	91	93	94	95	■	93	94	94	93	90	94

Source: Department of Commerce, Weather Bureau; records.



## No. 175.—LOWEST TEMPERATURE OF RECORD

[For period of record, including 1946]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Alabama	Mobile	76	11	-1	24	■	■	50	■	57	48	■	24	14	-1
	Montgomery	75	5	-5	20	30	■	48	61	58	45	31	18	8	-5
Arizona	Phoenix	51	15	24	30	35	39	49	63	58	49	36	27	■	16
Arkansas	Little Rock	67	-8	-12	11	28	■	51	58	52	37	27	10	5	-13
California	Fresno	69	17	24	28	34	38	42	50	51	42	32	27	18	17
	Los Angeles	69	28	28	31	35	40	46	49	49	44	40	34	30	■
	San Francisco	70	29	33	33	40	42	46	47	46	47	43	38	27	27
Colorado	Denver	75	-29	-25	-11	4	19	32	42	40	21	-2	-18	-23	■
Dist. of Col.	Washington	75	-14	-15	4	15	23	43	52	49	36	26	11	-13	-15
Florida	Jacksonville	75	15	10	25	34	46	54	65	64	49	37	■	14	10
	Miami	50	29	27	34	45	50	61	66	67	62	53	36	30	27
Georgia	Atlanta	68	-2	-8	8	25	38	50	58	55	43	28	14	1	-8
Idaho	Boise	83	-28	-13	-6	11	25	30	40	32	23	14	-10	-18	-28
Illinois	Chicago	76	-20	-21	-12	17	27	35	49	47	29	14	-2	-23	-23
Indiana	Indianapolis	76	-25	-18	-1	19	31	39	48	44	30	22	-5	-15	-25
Iowa	Des Moines	67	-30	-26	-10	11	26	37	48	40	26	7	-10	-21	-30
Kansas	Wichita	58	-15	-22	-3	15	27	44	53	45	32	14	7	-10	-23
Kentucky	Louisville	74	-20	-14	3	21	33	■	54	45	36	23	1	-7	-20
Louisiana	New Orleans	76	15	7	28	38	52	58	66	■	54	40	29	19	7
Maine	Eastport	72	-20	-23	-8	2	25	30	45	44	30	22	-13	-23	-23
Massachusetts	Boston	76	-13	-18	-8	11	31	41	50	46	34	23	-2	-17	-18
Michigan	Detroit	76	-15	-20	-7	8	26	38	48	43	30	■	0	-24	-24
	Sault Ste. Marie	57	-32	-37	-27	-13	21	■	38	35	27	15	-12	-24	-37
Minnesota	Minneapolis	55	-24	-33	-17	6	22	34	44	42	26	10	-13	-27	-34
Mississippi	Vicksburg	73	3	-1	17	31	43	52	59	54	41	31	■	10	-1
Missouri	Kansas City	57	-20	-22	0	16	27	44	53	46	34	17	4	-13	-22
	St. Louis	76	-22	-18	8	20	32	44	55	52	36	21	3	-15	-22
Montana	Helena	67	-42	-41	-24	-10	22	31	36	■	6	-8	-22	-40	-42
	Miles City	50	-45	-49	-30	-7	20	33	42	34	17	-8	-25	-43	-49
Nebraska	North Platte	71	-35	-35	-21	-3	19	33	41	■	21	4	-25	-30	■
	Omaha	74	-32	-26	-8	6	25	39	50	44	30	8	-14	-30	-32
Nevada	Winnemucca	57	-38	-36	-3	12	17	29	33	26	16	10	-9	-27	-36
New Jersey	Atlantic City	74	-4	-9	8	15	33	45	52	48	27	29	10	-7	-9
New Mexico	Albuquerque	54	-15	-10	6	13	25	35	42	46	26	19	5	-15	-16
New York	Albany	73	-24	-22	-14	9	29	35	44	35	30	19	-11	-21	-24
	New York	76	-6	-14	3	12	34	44	54	51	■	27	7	-13	-14
	Rochester	75	-14	-22	-7	7	37	35	44	43	31	19	1	-16	-22
N. Carolina	Asheville	38	-5	-6	8	20	31	40	■	47	35	20	4	-4	-6
	Raleigh	60	2	-2	13	23	34	46	■	51	■	30	15	0	-2
N. Dakota	Bismarck	71	-45	-45	-36	-3	13	31	■	32	10	-10	-28	-42	-45
Ohio	Cleveland	76	-17	-18	-4	11	25	29	■	45	32	24	0	-12	-17
Oklahoma	Oklahoma City	56	-11	-17	4	20	23	45	■	49	35	16	9	-2	-17
Oregon	Portland	72	-2	7	20	25	32	■	43	43	35	20	11	3	-2
Pennsylvania	Harrisburg	58	-14	-13	5	11	34	43	49	■	35	25	10	-3	-14
	Pittsburgh	72	-16	-20	-1	11	27	38	45	45	34	20	1	-9	-20
S. Carolina	Charleston	76	10	7	24	32	45	49	61	62	49	37	23	12	7
S. Dakota	Huron	55	-43	-37	-25	5	20	31	40	33	18	-5	-28	-34	-43
Tennessee	Nashville	75	-10	-13	3	25	35	■	54	51	38	25	8	-2	-13
Texas	Amarillo	55	-11	-16	-2	13	26	38	51	48	32	15	4	-5	-16
	El Paso	67	2	5	14	25	36	46	55	52	41	26	11	-5	-5
	Fort Worth	48	-1	-8	10	30	34	48	56	55	40	24	15	7	-8
	Houston	58	5	6	21	34	45	55	55	54	45	33	23	15	5
Utah	Salt Lake City	18	-20	-30	11	14	27	35	■	39	31	18	0	-21	-20
Vermont	Burlington	63	-27	-28	-24	5	36	33	43	38	25	17	-3	-29	-29
Virginia	Norfolk	75	5	2	14	23	29	■	57	56	40	31	17	5	2
	Richmond	49	-1	-3	■	19	35	43	52	49	40	26	14	-2	-3
Washington	Seattle	56	3	4	20	30	30	40	45	■	■	29	16	12	3
	Spokane	66	-30	-23	-10	14	29	34	41	■	22	9	-13	-18	-30
W. Virginia	Parkersburg	58	-16	-27	-3	15	31	38	48	45	32	20	4	-10	-27
Wisconsin	Madison	58	-29	-29	-13	8	23	36	48	43	29	12	-14	-26	-29
Wyoming	Cheyenne	74	-38	-24	-21	-6	8	28	33	25	16	-5	-21	-28	-38
Alaska	Juneau	48	-15	-16	-5	12	24	33	36	■	29	13	-1	-16	-15
Hawaii	Honolulu	55	54	52	53	50	60	63	63	63	63	63	60	55	■
Puerto Rico	San Juan	48	63	62	63	65	66	66	70	68	60	68	68	62	62

Source: Department of Commerce, Weather Bureau; records.

## No. 176.—AVERAGE PRECIPITATION, INCHES

[Data adopted as "normals"]

STATION		Jan	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	4.76	5.09	5.32	4.91	4.34	5.61	7.25	6.42	5.06	3.51	3.86	4.94	61.76
	Montgomery	4.91	5.33	5.34	4.74	3.66	4.19	4.78	4.10	3.10	2.32	3.23	4.78	51.48
Ark.	Phoenix	.81	.83	.70	.41	.13	.06	1.05	.99	.90	.44	.67	.61	7.90
Ark.	Little Rock	4.81	3.80	4.64	5.08	4.81	3.67	3.36	3.44	3.02	2.75	4.06	4.17	47.61
Calif.	Fresno	1.75	1.58	1.59	.91	.37	.11	.01	.01	.17	.58	.86	1.56	9.50
	Los Angeles	3.09	3.36	2.78	1.04	.36	.08	.01	.03	.21	.64	1.15	2.89	15.55
	San Francisco	4.72	3.79	3.07	1.53	.68	.16	.01	.02	.20	.96	2.46	4.40	22.08
Colo.	Denver	.43	.55	1.06	2.05	2.28	1.31	1.59	1.40	1.92	1.01	.63	.85	13.98
D. C.	Washington	3.35	3.05	3.86	3.28	3.59	3.92	4.44	4.29	3.67	2.97	2.57	3.07	41.86
Fla.	Jacksonville	2.76	2.94	3.13	2.70	3.96	5.98	6.84	6.14	7.00	4.52	1.93	2.88	50.78
	Miami	2.66	2.03	2.56	3.32	5.57	7.07	5.93	6.20	8.92	3.66	2.70	1.93	58.64
Ge.	Atlanta	4.70	4.94	5.51	4.11	3.46	3.89	4.36	4.22	3.21	2.54	3.11	4.82	48.87
Idaho.	Boise	1.17	1.47	1.24	1.37	1.37	1.16	.11	.14	.41	1.00	1.44	1.38	12.26
Ill.	Chicago	1.90	2.10	2.56	2.54	3.50	3.48	3.43	3.92	3.20	2.56	2.51	2.07	32.87
Ind.	Indianapolis	2.87	2.56	3.88	3.57	3.89	4.00	3.78	3.25	3.22	2.68	3.17	2.84	39.77
Iowa.	Des Moines	1.13	1.11	1.75	2.73	4.33	4.76	3.40	3.65	3.58	2.48	1.56	1.23	31.74
Kans.	Wichita	.79	1.21	1.75	3.09	4.40	4.55	3.03	3.11	3.29	2.38	1.58	1.07	30.25
Ky.	Louisville	3.95	3.38	4.47	3.88	3.71	3.95	3.62	3.28	2.67	2.61	3.38	3.60	42.50
La.	New Orleans	4.61	4.40	5.18	5.29	4.92	5.81	6.75	6.02	5.36	3.52	3.53	4.52	60.01
Me.	Eastport	3.56	3.17	3.64	2.64	2.90	3.01	3.09	2.98	3.09	3.63	3.45	3.46	38.85
Mass.	Boston	3.56	3.26	3.78	3.51	3.13	3.20	3.31	3.66	3.13	3.24	3.61	3.36	40.77
Mich.	Detroit	2.08	2.09	2.44	2.54	3.35	3.43	3.18	2.73	2.71	2.34	2.29	2.26	31.42
	Sault Ste. Marie	2.02	1.48	1.75	2.13	2.64	2.71	2.69	2.70	3.54	3.09	3.01	2.23	29.94
Minn.	Minneapolis	.63	.87	1.42	2.12	3.58	4.20	3.39	3.18	3.14	2.11	1.86	.90	27.19
Miss.	Vicksburg	5.12	4.84	5.89	5.23	4.35	3.89	4.34	3.16	2.69	2.66	4.06	5.30	51.52
Mo.	Kansas City	1.31	1.55	2.47	3.36	4.87	4.74	3.60	4.00	4.29	2.68	2.06	1.39	36.32
	St. Louis	2.34	2.56	3.38	3.81	4.34	3.82	2.98	2.99	3.46	2.72	2.83	2.21	37.44
Mont.	Helena	.78	.59	.75	1.00	1.96	2.25	1.10	.79	1.21	.66	.73	.12	12.68
Nebr.	North Platte	.40	.48	.82	2.21	2.72	3.16	2.59	2.27	1.53	1.03	.46	.52	18.13
	Omaha	.70	.96	1.33	2.53	3.00	4.63	3.66	3.17	3.10	2.09	1.17	.90	27.74
Nev.	Winnemucca	1.10	.96	.93	.83	.85	.68	.23	.18	.35	.66	.76	1.02	8.54
N. J.	Atlantic City	3.48	3.27	3.64	3.23	2.93	3.09	3.72	4.47	3.16	3.17	3.01	3.68	40.85
N. Mex.	Albuquerque	.59	.33	.38	.54	.57	.71	1.42	1.41	.94	.78	.46	.37	8.30
N. Y.	Albany	2.50	2.38	2.72	2.71	3.30	3.82	3.90	3.63	3.37	3.13	2.88	2.53	36.67
	New York	3.53	3.52	3.79	3.31	3.21	3.48	4.22	4.33	3.59	3.45	3.11	3.26	42.80
	Rochester	2.76	2.55	2.98	2.49	2.82	2.93	2.98	2.74	2.61	2.76	2.53	2.66	32.66
N. C.	Asheville	2.81	2.68	3.51	3.03	3.19	3.81	4.33	4.09	2.93	2.78	1.89	2.07	38.02
	Raleigh	3.36	3.52	3.80	3.62	3.95	4.46	5.79	5.42	3.84	2.89	2.34	3.37	46.56
N. Dak.	Bismarck	.45	.46	.92	1.51	2.27	2.37	2.26	1.82	1.32	.92	.57	.53	16.40
Ohio.	Cleveland	2.51	2.51	2.71	2.44	3.12	3.12	3.45	2.77	3.33	2.78	2.64	2.44	33.82
Okl.	Oklahoma City	1.32	1.19	2.13	3.32	4.88	3.91	2.49	2.80	3.12	2.83	2.11	1.69	31.67
Oreg.	Portland	5.00	5.36	5.91	2.87	2.19	1.52	.61	.64	1.96	3.12	6.10	6.72	41.62
Pa.	Harrisburg	2.68	2.67	3.14	2.89	3.51	3.63	3.67	4.01	3.19	3.04	2.32	2.80	37.77
	Pittsburgh	2.90	2.50	3.17	2.96	3.22	3.71	4.06	3.27	2.62	2.64	2.30	2.75	36.00
S. C.	Charleston	2.96	3.30	3.28	2.75	3.19	4.68	7.20	6.62	4.99	3.19	2.23	2.77	47.16
S. Dak.	Huron	.56	.54	.90	2.19	2.76	3.51	2.40	2.36	1.58	1.30	.50	.53	19.54
Tenn.	Nashville	4.76	4.13	5.11	4.13	3.87	4.00	3.88	3.71	3.42	2.49	3.50	4.20	47.20
Tex.	Amarillo	.51	.71	.71	1.83	2.79	2.84	2.84	3.08	2.30	1.66	.92	.80	20.99
	El Paso	.44	.40	.33	.28	.36	.64	1.71	1.59	1.24	.85	.50	.52	8.86
	Fort Worth	1.79	1.95	2.27	3.82	4.66	3.15	2.26	2.85	2.85	2.75	2.37	2.12	32.15
	Houston	3.62	2.95	3.23	3.44	4.50	4.28	4.29	3.88	4.09	3.53	3.64	4.38	45.95
Utah.	Salt Lake City	1.18	1.27	1.54	1.69	1.28	.86	.59	.91	.64	1.31	1.17	1.12	13.56
Vt.	Burlington	1.78	1.61	2.20	2.33	2.94	3.45	3.64	3.23	3.40	2.95	2.56	1.93	32.04
Va.	Norfolk	3.18	3.38	3.78	3.33	3.71	4.24	5.82	5.28	3.79	3.07	2.46	3.21	45.25
	Richmond	3.27	3.06	3.08	3.45	2.72	3.86	4.72	4.62	3.21	2.86	2.28	3.02	41.75
Wash.	Seattle	4.80	3.73	3.10	2.27	1.60	1.37	.62	.70	1.71	2.93	4.82	5.57	33.32
	Spokane	2.00	1.42	1.24	1.06	1.29	1.26	.53	.57	.89	1.20	1.99	2.13	15.78
W. Va.	Parkersburg	3.58	3.13	3.49	3.19	3.38	4.00	4.29	3.51	2.78	2.48	2.57	3.03	39.41
Wis.	Madison	1.53	1.40	2.04	2.47	3.58	3.85	3.54	3.21	3.76	2.28	1.91	1.54	31.11
Wyo.	Cheyenne	.42	.64	1.02	1.99	2.43	1.01	2.10	1.55	1.26	.96	.52	.55	14.99
Alaska.	Juneau	7.33	5.53	5.56	5.41	5.14	4.06	5.18	7.46	10.16	11.89	9.21	7.70	84.42
Hawaii.	Honolulu	4.60	2.82	3.01	1.83	1.09	.74	.84	1.11	1.38	2.09	2.47	3.80	24.97
P. R.	San Juan	4.34	2.56	2.75	4.13	6.08	5.35	5.73	6.13	6.03	5.56	6.54	5.05	60.26

Source: Department of Commerce, Weather Bureau; records.

## No. 177.—AVERAGE NUMBER OF DAYS WITH 0.01 INCH OR MORE OF PRECIPITATION

[For period of record, including 1946]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Alabama	Mobile	76	14	9	6	4	13	10	21	10	11	2	10	8	118
	Montgomery	75	11	10	10	8	9	11	12	11	8	6	7	10	113
Arizona	Phoenix	51	4	4	4	2	1	1	5	6	3	2	3	4	39
Arkansas	Little Rock	67	10	9	10	10	10	10	9	9	7	6	8	9	107
California	Fresno	58	8	7	7	4	2	1	(1)	(1)	1	3	4	7	44
	Los Angeles	60	6	7	6	4	2	1	(1)	(1)	1	2	3	6	38
	San Francisco	76	11	11	10	6	4	2	(1)	(1)	2	4	7	10	67
Colorado	Denver	75	5	6	8	9	10	8	9	9	6	6	5	5	84
Dist. of Col.	Washington	76	11	10	12	11	12	11	12	11	8	8	9	10	126
Florida	Jacksonville	75	8	8	8	7	9	13	16	15	13	9	7	6	121
	Miami	36	8	6	7	7	11	13	15	13	16	16	10	8	123
Georgia	Atlanta	69	12	11	11	10	10	11	13	12	8	7	8	11	124
Idaho	Boise	7	11	12	6	9	9	6	2	1	3	7	11	11	90
Illinois	Chicago	76	11	10	12	11	12	11	9	9	9	9	10	11	124
Indiana	Indianapolis	76	12	11	13	12	13	11	10	9	9	9	11	12	131
Iowa	Des Moines	66	7	7	7	10	12	11	9	9	9	8	7	8	104
Kansas	Wichita	58	5	6	7	8	11	9	7	8	8	7	6	5	86
Kentucky	Louisville	75	12	10	13	12	11	11	9	9	8	8	9	11	123
Louisiana	New Orleans	76	10	9	9	7	9	13	15	14	11	6	7	10	120
Maine	Eastport	74	14	13	14	12	12	12	11	11	11	12	12	14	147
Massachusetts	Boston	60	12	10	12	11	11	10	10	10	9	9	10	11	125
Michigan	Detroit	76	■	12	13	11	12	11	9	9	10	10	11	13	134
	Sault Ste. Marie	42	17	13	11	11	12	10	11	10	13	14	16	17	155
Minnesota	Minneapolis	56	8	7	8	9	12	12	9	9	9	7	8	8	107
Mississippi	Vicksburg	74	11	10	10	9	8	10	11	9	7	6	8	10	109
Missouri	Kansas City	57	7	8	9	11	12	11	9	9	9	7	7	7	106
	St. Louis	74	9	9	10	11	11	10	8	8	8	8	8	9	111
Montana	Helena	67	9	8	8	8	11	12	8	6	7	6	7	8	95
	Miles City	50	8	6	8	8	10	11	8	6	6	6	6	7	90
Nebraska	North Platte	71	5	5	6	8	10	10	9	9	6	5	4	5	82
	Omaha	76	6	6	7	10	12	11	9	9	8	7	5	6	97
Nevada	Winnemucca	67	9	9	8	7	7	5	2	2	3	5	6	8	71
New Jersey	Atlantic City	73	12	11	12	11	11	10	10	■	8	9	9	10	122
New Mexico	Albuquerque	55	3	3	3	4	4	3	8	5	5	4	2	3	50
New York	Albany	73	12	11	12	12	12	12	12	11	10	10	11	11	136
	New York	76	12	10	11	11	11	11	11	10	9	9	9	11	126
	Rochester	76	19	17	16	13	13	11	11	10	12	12	15	18	167
N. Carolina	Asheville	33	13	11	12	11	12	13	15	14	9	7	7	10	134
	Raleigh	60	10	10	11	10	11	11	13	12	8	7	7	10	120
N. Dakota	Bismarck	71	7	7	7	8	10	12	9	8	7	6	6	7	94
Ohio	Cleveland	75	17	15	16	13	13	11	10	9	10	11	14	16	154
Oklahoma	Oklahoma City	56	6	6	7	8	10	8	6	7	7	6	6	6	82
Oregon	Portland	75	19	17	17	14	13	■	3	4	8	12	17	19	153
Pennsylvania	Harrisburg	58	11	10	12	11	12	12	11	10	9	9	9	10	126
	Pittsburgh	76	15	14	15	13	13	12	12	■	9	10	12	15	150
S. Carolina	Charleston	76	9	9	9	7	8	11	13	13	10	6	7	9	111
S. Dakota	Huron	65	7	6	8	9	10	11	9	9	7	6	5	6	93
Tennessee	Nashville	75	12	11	12	11	10	10	10	9	8	7	9	11	120
Texas	Amarillo	55	4	4	4	6	9	6	9	8	7	6	4	4	75
	El Paso	63	3	3	3	2	2	4	8	8	6	4	3	4	50
	Fort Worth	47	6	7	7	8	9	6	5	5	5	6	6	6	76
	Houston	56	9	9	8	7	7	8	10	9	9	6	8	10	100
Utah	Salt Lake City	18	10	10	9	9	7	4	4	6	4	6	7	8	85
Vermont	Burlington	33	13	12	12	12	13	12	13	12	12	12	13	13	148
Virginia	Norfolk	76	11	11	12	10	11	11	13	12	9	8	8	10	126
	Richmond	49	10	10	11	10	11	11	11	11	10	7	7	10	119
Washington	Seattle	66	18	16	16	13	12	9	4	5	8	13	17	18	149
	Spokane	66	14	12	11	9	9	8	4	4	6	8	12	14	111
West Virginia	Parkersburg	54	15	13	14	12	12	13	12	10	10	9	11	13	145
Wisconsin	Madison	69	9	8	10	11	12	10	9	9	10	9	8	9	114
Wyoming	Cheyenne	76	6	6	9	10	12	10	11	10	6	6	5	5	96
Alaska	Juneau	46	18	15	18	19	18	15	17	19	20	24	21	20	224
Hawaii	Honolulu	40	14	11	13	12	11	12	13	13	13	13	13	14	152
Puerto Rico	San Juan	48	20	14	15	14	16	17	19	20	18	18	19	21	211

1 Less than 1 day.

Source: Department of Commerce, Weather Bureau, records.

## No. 178.—AVERAGE SNOWFALL, INCHES

[For period of record, including 1944. T denotes trace]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	55	0.1	0.1	T	0	0	0	0	0	0	0	0	T	0.2
	Montgomery	75	.2	.2	T	0	0	0	0	0	0	0	0	T	.7
Ariz.	Phoenix	50	T	T	T	0	T	0	0	0	0	0	T	T	T
Ark.	Little Rock	62	1.9	1.3	.5	T	0	0	0	0	0	T	.1	1.0	4.8
Calif.	Fresno	58	.1	T	T	0	0	0	0	0	0	0	T	T	.1
	Los Angeles	69	T	T	0	0	0	0	0	0	0	0	T	T	T
	San Francisco	76	T	.1	T	0	0	0	0	0	0	0	0	.1	.2
Colo.	Denver	65	5.5	7.7	10.5	9.7	1.9	T	0	0	.7	4.1	6.7	8.3	55.1
D. C.	Washington	59	6.2	5.9	3.9	.4	T	0	0	0	0	.1	.7	3.1	20.2
Fla.	Jacksonville	75	0	0	0	0	0	0	0	0	0	0	0	0	0
	Miami	62	0	0	0	0	0	0	0	0	0	0	0	0	0
Ga.	Atlanta	61	.9	.9	.2	T	0	0	0	0	0	T	T	.3	2.2
Idaho.	Boise	7	5.4	3.2	0.9	T	T	0	0	0	0	.1	1.6	3.2	14.5
Ill.	Chicago	62	9.2	8.5	5.9	1.0	.1	T	0	0	T	.1	1.8	6.7	33.3
Ind.	Indianapolis	63	5.8	4.8	3.4	.7	.1	0	0	0	0	T	1.3	4.6	20.7
Iowa.	Des Moines	63	8.5	7.3	5.4	1.1	T	0	0	0	T	.3	2.2	7.1	31.9
Kans.	Wichita	58	2.9	3.6	2.9	.4	T	0	0	0	T	.1	.7	3.0	13.6
Ky.	Louisville	62	4.0	3.6	1.9	.2	T	0	0	0	0	.1	.4	3.1	13.3
La.	New Orleans	76	.1	.1	T	0	0	0	0	0	0	0	0	T	.2
Maine.	Eastport	62	16.0	17.6	12.6	6.8	.2	0	0	0	0	.2	4.2	12.1	69.9
Mass.	Boston	76	11.9	12.6	7.4	2.0	T	0	0	0	0	T	1.6	7.6	43.1
Mich.	Detroit	61	10.2	9.5	6.9	1.9	.1	0	0	0	0	.1	2.6	8.4	39.7
	Sault Ste. Marie	55	18.6	13.4	10.2	3.5	.6	0	0	0	T	2.3	12.6	16.1	79.3
Minn.	Minneapolis	56	9.0	8.0	8.2	3.3	.3	0	0	0	T	.5	4.4	7.4	41.1
Miss.	Vicksburg	57	.9	.4	T	0	0	0	0	0	0	0	T	.3	1.6
Mo.	Kansas City	57	4.7	5.8	4.0	1.0	T	0	0	0	T	.2	1.3	4.4	21.4
	St. Louis	63	4.9	5.6	3.8	.6	.1	0	0	0	0	T	.8	3.2	19.0
Mont.	Helena	67	10.1	8.3	9.2	5.3	1.8	T	T	T	.8	3.9	6.6	8.7	34.7
	Miles City	50	6.2	4.2	6.8	2.2	1.7	0	0	0	.1	1.5	3.8	5.7	32.2
Nebr.	North Platte	62	3.7	4.9	6.4	1.9	.3	0	0	0	T	1.1	2.7	3.8	24.8
	Omaha	62	6.4	6.7	5.8	.8	.1	0	0	0	0	.6	2.2	5.2	27.7
Nev.	Winnemucca	67	7.6	5.2	4.0	1.6	.5	.1	T	0	T	.5	2.0	6.2	27.7
N. J.	Atlantic City	63	4.1	5.0	2.3	.3	0	0	0	0	0	T	.6	2.8	15.1
N. Mex.	Albuquerque	54	1.7	1.5	1.0	.3	T	0	0	0	T	T	.7	1.8	7.0
N. Y.	Albany	62	12.5	13.1	9.4	2.0	.1	0	0	0	0	T	3.4	9.0	49.5
	New York	62	7.8	9.7	5.8	1.1	0	0	0	0	0	T	1.1	5.9	31.4
	Rochester	62	18.0	18.6	13.1	3.7	.2	0	0	0	0	.3	6.2	15.1	75.2
N. O.	Asheville	40	2.9	2.7	2.1	.3	0	0	0	0	0	.1	.4	2.0	10.5
	Raleigh	60	2.0	2.4	1.3	.3	T	0	0	0	0	T	.2	1.4	7.6
N. Dak.	Bismarck	55	5.5	5.3	7.6	3.0	.7	T	0	0	.2	1.1	4.9	5.7	34.0
Ohio	Cleveland	60	10.6	10.0	5.5	1.8	T	0	0	0	0	.2	4.0	9.2	41.4
Okla.	Oklahoma City	56	2.4	1.9	1.1	.1	0	0	0	0	0	T	.3	1.6	7.4
Oreg.	Portland	73	5.5	3.1	.6	.1	T	0	0	0	0	T	.4	2.9	12.6
Pa.	Harrisburg	58	5.9	9.2	6.3	.8	T	0	0	0	0	.1	1.0	5.4	31.7
	Pittsburgh	62	8.7	7.8	6.0	3.0	T	0	0	0	T	.1	1.7	6.8	34.1
S. C.	Charleston	56	T	.2	T	0	0	0	0	0	0	0	0	.1	.3
S. Dak.	Huron	65	5.9	5.3	6.0	2.1	.1	0	0	0	T	.6	3.2	5.0	28.2
Tenn.	Nashville	61	2.4	2.5	1.3	T	T	0	0	0	0	T	.3	1.6	8.0
Tex.	Amarillo	55	3.1	5.3	2.7	1.1	.2	0	0	0	0	.5	2.7	5.0	20.6
	El Paso	68	.8	.4	.1	T	T	0	0	0	0	T	.4	.6	2.3
	Fort Worth	48	.9	.5	.4	T	0	0	0	0	0	T	.2	.5	2.5
	Houston	49	.1	T	T	0	0	0	0	0	0	0	0	.1	.2
Utah.	Salt Lake City	18	12.3	9.2	7.3	2.3	.1	T	0	0	T	.2	6.0	8.7	46.1
Vt.	Burlington	35	14.6	14.3	13.0	3.8	.1	0	0	0	0	.4	6.9	12.4	65.7
Va.	Norfolk	76	2.5	2.7	1.7	T	0	0	0	0	0	T	.2	2.0	9.1
	Richmond	49	3.6	3.5	2.2	.4	0	0	0	0	0	T	.4	2.8	12.9
Wash.	Seattle	54	4.7	3.4	.8	.1	T	0	0	0	0	T	.9	1.5	11.4
	Spokane	62	11.3	8.1	2.8	.4	T	T	0	0	T	.1	4.4	8.7	33.8
W. Va.	Parkersburg	58	6.7	6.5	4.4	.8	T	0	0	0	0	.1	1.4	4.8	24.7
Wis.	Madison	55	9.4	8.0	7.8	1.7	.1	0	0	0	T	.3	2.9	7.2	37.4
Wyo.	Cheyenne	63	5.2	7.9	11.3	11.8	3.7	.3	0	0	.7	3.9	5.8	6.1	56.7
Alaska.	Juneau	26	26.3	23.2	16.4	4.0	.1	0	0	0	T	1.6	9.8	26.3	107.7
T. H.	Honolulu	40	0	0	0	0	0	0	0	0	0	0	0	0	0
P. R.	San Juan	47	0	0	0	0	0	0	0	0	0	0	0	0	0

Source: Department of Commerce, Weather Bureau; records.

## No. 179.—AVERAGE PERCENTAGE OF POSSIBLE SUNSHINE

[For period of record, including 1945]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An- nual
Alabama	Mobile	40	52	54	61	69	71	68	60	63	66	70	68	46	62
	Montgomery	36	52	53	61	69	72	72	65	68	70	70	64	48	61
Arizona	Phoenix	50	75	77	82	87	92	93	83	83	88	83	75	64	84
Arkansas	Little Rock	53	49	53	58	63	68	73	72	73	71	70	57	47	64
California	Fresno	48	44	61	71	82	88	94	97	96	92	86	73	47	80
	Los Angeles	50	69	68	60	68	64	70	78	80	77	76	70	72	73
	San Francisco	56	53	57	71	70	76	69	63	70	70	70	62	55	61
Colorado	Denver	56	68	68	64	63	61	69	68	67	70	70	67	65	67
Dist. of Col.	Washington	53	46	53	55	58	61	63	63	61	61	61	54	57	57
Florida	Jacksonville	49	57	59	67	72	71	64	62	64	61	60	62	53	68
	Miami	36	65	71	72	73	67	61	66	67	62	63	63	65	66
Georgia	Atlanta	50	50	52	60	66	70	70	63	61	67	69	62	48	62
Idaho	Boise	7	41	43	59	63	68	68	56	55	74	59	34	34	59
Illinois	Chicago	53	44	49	53	58	63	69	74	70	64	60	47	40	58
Indiana	Indianapolis	46	42	46	49	56	62	69	73	66	68	63	49	39	57
Iowa	Des Moines	51	55	58	57	59	62	67	75	69	64	63	53	50	62
Kansas	Wichita	35	61	64	65	68	67	73	82	78	72	67	65	37	68
Kentucky	Louisville	53	42	47	52	57	63	69	72	70	68	65	51	38	61
Louisiana	New Orleans	56	49	51	57	63	66	64	58	59	65	69	60	46	59
Maine	Eastport	53	45	50	52	51	53	55	56	54	49	49	27	39	50
Massachusetts	Boston	63	49	56	58	57	63	63	68	68	61	57	48	46	57
Michigan	Detroit	56	34	42	49	53	58	64	69	65	60	53	35	29	52
	Sault Ste. Marie	39	27	45	50	54	56	61	64	58	46	35	21	21	48
Minnesota	Minneapolis	37	50	55	57	58	61	65	73	69	59	53	41	37	57
Mississippi	Vicksburg	52	47	49	57	64	70	73	69	72	74	71	44	33	62
Missouri	Kansas City	55	56	58	61	60	64	77	77	74	69	67	59	52	64
	St. Louis	53	48	50	55	59	64	68	71	68	66	64	55	44	61
Montana	Helena	53	45	54	58	59	58	62	76	73	63	56	48	43	56
	Miles City	19	61	60	58	62	67	69	80	76	69	60	53	52	63
Nebraska	North Platte	39	64	64	64	62	66	73	80	76	72	71	64	59	69
	Omaha	50	56	58	60	63	68	77	70	66	66	66	55	50	62
Nevada	Winnemucca	40	56	59	44	70	76	82	90	90	85	75	63	53	72
New Jersey	Atlantic City	50	51	57	57	59	63	63	66	65	65	64	58	51	60
New Mexico	Albuquerque	26	71	70	74	76	80	84	77	77	79	80	77	72	77
New York	Albany	50	42	51	53	54	58	61	63	61	58	53	39	38	53
	New York	53	52	59	59	61	62	63	64	63	63	62	55	52	60
	Rochester	53	32	41	48	53	60	67	70	66	60	49	31	25	51
N. Carolina	Asheville	38	49	52	55	59	61	61	57	56	60	64	59	48	57
	Raleigh	50	49	56	60	64	67	65	62	62	65	66	61	51	61
N. Dakota	Bismarck	51	51	58	55	57	58	62	72	69	62	59	49	48	58
Ohio	Cleveland	52	29	36	46	53	61	67	71	67	62	52	32	24	51
Oklahoma	Oklahoma City	49	57	60	63	64	65	74	79	78	73	67	63	56	67
Oregon	Portland	56	27	33	41	49	52	56	71	66	54	43	28	24	49
Pennsylvania	Harrisburg	48	42	51	55	58	62	64	67	63	62	58	47	42	57
	Pittsburgh	50	32	38	46	50	59	63	63	62	62	55	40	39	50
S. Carolina	Charleston	50	58	59	65	72	73	69	65	66	68	69	69	56	66
S. Dakota	Huron	49	56	63	61	62	63	69	76	72	65	60	52	50	62
Tennessee	Nashville	49	44	47	54	60	66	69	69	68	68	65	54	42	59
Texas	Amarillo	42	74	76	77	77	78	84	80	82	78	74	77	72	77
	El Paso	40	73	76	81	85	87	87	77	77	79	81	78	72	79
	Fort Worth	27	67	66	64	66	67	75	78	79	76	71	63	56	67
	Houston	36	48	49	53	58	65	71	70	70	66	68	37	44	60
Utah	Salt Lake City	9	51	53	66	72	74	78	80	82	86	71	52	47	70
Vermont	Burlington	36	34	44	49	48	54	59	65	59	51	41	26	24	46
Virginia	Norfolk	47	50	57	60	63	66	68	65	66	63	65	61	50	61
	Richmond	44	50	53	58	62	67	65	62	64	64	65	59	50	60
Washington	Seattle	51	26	36	44	51	53	54	64	59	59	35	24	22	51
	Spokane	49	26	40	53	62	64	68	82	79	68	54	28	22	58
W. Virginia	Parkersburg	49	30	37	43	50	56	60	64	60	60	52	37	30	48
Wisconsin	Madison	42	43	47	51	53	56	62	70	64	57	52	39	36	53
Wyoming	Cheyenne	50	66	66	65	61	61	65	70	68	69	68	66	65	66
Alaska	Juneau	26	24	31	36	37	37	38	28	29	27	16	22	22	29
Hawaii	Honolulu	40	63	64	60	62	64	66	67	70	70	68	63	60	65
Puerto Rico	San Juan	46	65	69	70	66	69	62	65	67	62	64	63	65	65

Source: Department of Commerce, Weather Bureau; records.

## No. 180.—AVERAGE HOURLY WIND VELOCITY

[For period of record, including 1946. True velocities]

STATION	Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An- nual
Ala.... Mobile	32	9.9	10.1	10.5	10.0	9.3	8.3	8.0	7.5	8.4	8.9	9.4	9.7	9.3
Montgomery	75	7.6	7.8	8.0	7.4	6.8	6.3	6.1	5.8	6.3	6.5	6.7	7.1	6.8
Ariz.... Phoenix	51	5.8	5.7	6.2	6.5	6.5	6.3	6.3	5.8	5.7	5.4	5.1	5.0	5.8
Ark.... Little Rock	67	8.2	8.8	9.4	8.9	7.9	6.6	6.2	5.9	6.1	6.5	7.5	7.9	7.6
Calif.... Fresno	58	5.4	5.6	6.4	7.4	8.4	8.6	7.9	7.4	8.7	8.6	5.0	5.1	6.7
Los Angeles	69	6.3	6.5	6.5	6.4	8.2	6.0	5.8	5.7	5.7	5.7	6.0	6.3	6.1
San Francisco	57	7.4	7.8	8.6	9.7	10.5	11.2	11.5	10.9	9.3	7.8	7.0	7.2	9.1
Colo.... Denver	73	7.6	7.7	8.2	8.4	7.7	7.4	6.9	6.7	6.7	7.0	7.3	7.2	7.4
D. C.... Washington	15	7.6	8.4	8.5	8.4	8.9	6.2	6.8	5.7	5.8	6.2	7.4	7.3	7.0
Fla.... Jacksonville	75	9.0	9.4	9.7	9.5	8.9	8.6	8.4	8.1	8.4	9.1	8.6	8.7	8.9
Miami	36	10.1	10.3	10.6	10.5	9.7	8.8	8.3	8.4	9.0	10.0	11.1	9.8	9.7
Ga.... Atlanta	65	11.7	12.1	11.9	10.8	9.2	8.2	7.8	7.4	8.3	9.6	10.7	11.2	9.9
Idaho... Boise	7	8.2	9.8	11.3	11.0	10.1	9.7	9.0	9.0	9.1	9.3	9.3	8.9	9.6
Ill.... Chicago	31	12.0	12.0	13.6	12.0	11.0	10.0	9.0	9.0	10.0	10.0	12.0	12.0	11.0
Ind.... Indianapolis	46	11.4	11.5	11.9	11.5	10.4	9.4	8.7	8.3	9.1	9.8	11.0	11.0	10.3
Iowa... Des Moines	13	10.1	10.6	11.3	10.7	9.9	9.3	8.3	6.1	8.7	9.1	10.2	9.8	9.7
Kans... Wichita	35	12.1	12.9	14.5	14.3	12.9	12.5	11.3	11.1	12.2	12.0	12.6	11.6	12.6
Ky.... Louisville	74	9.9	10.2	10.8	10.0	8.8	7.8	7.0	6.7	7.2	7.9	9.3	9.6	8.8
La.... New Orleans	76	8.5	8.9	8.9	8.6	7.6	7.0	6.6	6.5	7.5	7.8	8.1	8.4	7.9
Maine... Eastport	53	12.8	12.5	12.1	11.5	9.8	8.9	8.0	8.0	8.8	10.7	11.9	12.4	10.6
Mass... Boston	60	12.4	12.7	12.9	12.1	11.2	10.7	10.3	9.9	10.5	11.2	12.0	12.2	11.5
Mich... Detroit	65	12.0	12.0	12.0	11.0	10.0	10.0	9.0	9.0	10.0	10.0	12.0	12.0	11.0
Sault Ste. Marie	42	8.7	8.6	9.8	9.5	8.8	7.4	6.9	6.8	7.6	8.6	9.7	9.2	8.5
Minn... Minneapolis	55	11.2	11.5	12.3	12.6	11.8	10.5	9.7	9.7	10.9	11.4	11.5	11.1	11.2
Miss... Vicksburg	67	8.3	8.6	8.9	8.2	7.2	6.6	6.3	6.1	6.5	6.9	7.6	8.1	7.4
Mo.... Kansas City	14	10.1	10.6	12.1	11.8	10.1	9.7	8.9	8.7	9.0	9.1	10.6	9.8	10.1
St. Louis	72	11.8	11.9	12.5	12.0	11.0	10.0	9.2	9.0	9.8	10.6	11.8	11.5	10.9
Mont... Helena	67	7.3	7.5	8.4	8.8	8.7	8.5	8.1	7.8	7.9	7.7	7.3	7.3	7.9
Miles City	50	5.6	5.6	6.7	7.0	7.5	6.5	5.9	5.4	5.6	5.7	5.6	5.5	6.1
Nebr... North Platte	69	8.8	8.7	9.9	10.7	10.0	9.3	8.5	8.1	8.7	8.9	8.5	8.0	8.7
Omaha	74	9.5	10.0	10.6	10.8	9.7	8.8	7.9	7.8	8.6	8.9	9.5	9.3	9.3
Nev.... Winnemucca	14	7.6	8.3	8.3	8.3	7.9	7.6	7.3	7.0	7.1	7.1	7.4	7.6	7.6
N. J.... Atlantic City	25	16.1	16.0	16.9	16.6	14.9	13.9	13.2	13.4	13.9	14.7	15.5	15.4	15.0
N. M.... Albuquerque	28	7.0	8.3	9.7	10.1	9.3	8.7	7.8	7.2	7.3	7.3	7.0	6.6	8.0
N. Y.... Albany	8	10.2	11.6	11.0	10.9	9.5	8.4	7.4	6.8	7.4	8.0	9.5	9.7	9.2
New York	35	16.8	17.1	16.5	16.1	13.9	13.1	12.2	12.1	12.7	14.5	16.2	16.7	14.9
Rochester	75	9.9	9.9	9.7	9.0	8.0	7.2	6.6	6.3	6.9	7.7	8.9	8.8	8.2
N. C.... Asheville	38	9.5	9.9	10.2	9.4	7.3	5.9	5.5	5.4	5.8	7.0	8.6	9.1	7.8
Raleigh	60	7.8	8.4	8.9	8.5	7.2	6.6	6.2	6.0	6.3	7.0	7.3	7.5	7.3
N. Dak. Bismarck	71	9.0	9.4	10.4	11.4	10.9	10.2	9.1	9.1	9.7	9.6	9.4	8.9	9.7
Ohio... Cleveland	44	14.8	14.6	14.5	13.6	12.0	10.9	10.6	10.9	11.9	13.4	14.9	14.6	13.1
Okla... Oklahoma City	56	11.3	12.2	13.3	12.1	11.7	10.7	9.4	9.0	9.9	10.4	11.2	11.1	11.1
Oreg... Portland	75	7.3	7.4	7.3	7.0	6.9	6.7	6.8	6.4	6.2	6.0	6.9	7.3	6.8
Pa.... Harrisburg	58	7.8	8.6	8.7	8.4	6.9	6.1	5.8	5.4	5.5	5.4	7.3	7.5	7.0
Pittsburgh	43	11.7	11.8	12.1	11.5	10.0	9.4	8.8	8.5	8.9	9.8	11.3	11.5	10.4
S. C.... Charleston	50	10.3	11.0	11.4	11.3	10.6	10.1	9.5	9.3	10.3	10.7	10.0	10.2	10.4
S. Dak. Huron	65	10.7	11.0	11.9	13.0	12.0	10.9	9.8	9.4	10.9	10.9	10.7	10.3	11.0
Tenn... Nashville	37	9.7	10.1	10.7	10.5	8.9	7.9	7.3	7.1	7.5	8.1	9.3	9.5	8.9
Tex.... Amarillo	55	12.1	12.9	14.1	14.5	13.4	13.1	11.3	10.7	12.0	12.2	11.7	11.4	12.5
El Paso	68	8.0	10.0	11.2	11.4	10.8	9.5	8.5	7.8	7.9	8.0	8.3	8.5	9.2
Fort Worth	76	10.2	11.5	11.5	11.3	11.2	10.4	9.5	9.1	9.9	10.1	10.8	11.0	10.7
Houston	36	10.5	10.8	11.6	11.5	10.5	9.5	8.5	8.4	8.8	9.5	10.3	10.3	10.0
Utah... Salt Lake City	17	7.8	8.1	9.5	9.8	9.9	9.7	9.9	9.8	9.6	9.0	8.2	7.7	9.1
Vt.... Burlington	36	12.2	11.2	11.4	10.9	9.7	8.7	8.2	8.3	9.2	10.7	12.2	11.7	10.4
Va.... Norfolk	34	12.2	12.4	13.2	12.5	11.3	10.4	9.9	9.8	10.3	10.9	11.6	11.7	11.4
Richmond	49	8.2	8.4	9.2	8.7	7.3	6.6	6.4	6.2	6.3	6.9	7.5	7.6	7.4
Wash... Seattle	14	9.7	9.3	10.0	9.3	9.0	8.4	7.9	7.3	7.4	8.3	9.1	10.2	8.8
Spokane	66	6.1	6.3	7.3	7.4	7.3	7.2	6.7	6.1	6.1	5.9	6.1	6.2	6.5
W. Va. Parkersburg	54	7.2	7.3	8.0	7.4	6.1	5.4	5.2	4.9	5.1	5.7	6.7	6.9	6.3
Wis... Madison	68	9.8	10.3	10.9	10.9	9.5	8.0	7.4	7.4	8.6	9.5	10.7	10.2	9.4
Wyo... Cheyenne	75	13.8	13.2	13.3	12.3	11.1	10.9	8.9	8.5	9.5	10.5	12.0	12.9	11.3
Alaska Juneau	26	7.6	7.7	7.2	6.5	6.2	5.7	6.3	5.0	5.8	7.3	7.9	8.0	6.7
T. H... Honolulu	22	9.8	9.0	9.7	10.3	9.9	9.8	10.0	9.9	9.1	8.7	9.0	9.3	9.5
P. R... San Juan	47	12.7	12.0	12.7	12.2	11.3	12.2	13.4	12.2	9.6	8.3	9.6	11.3	11.5

Source: Department of Commerce, Weather Bureau; records.



## No. 181.—AVERAGE RELATIVE HUMIDITY

[For period of record, including 1946]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Alabama	Mobile	48	74	73	73	71	71	72	68	76	74	70	71	77	72
	Montgomery	46	70	67	64	62	62	64	70	72	67	64	66	71	67
Arizona	Phoenix	42	48	47	30	21	25	23	26	41	38	28	43	50	38
Arkansas	Little Rock	46	69	67	63	62	66	66	66	67	67	68	66	70	66
California	Fresno	50	76	69	62	52	44	36	31	33	39	49	61	76	52
	Los Angeles	49	66	61	61	64	68	68	67	67	64	61	51	64	62
	San Francisco	44	75	72	70	70	72	74	79	80	74	70	69	74	73
Colorado	Denver	48	62	52	49	49	49	44	44	46	44	46	46	52	48
Dist. of Col.	Washington	36	66	63	61	59	65	69	71	70	71	71	66	68	67
Florida	Jacksonville	54	74	72	69	67	69	72	74	76	77	76	74	76	72
	Miami	30	73	72	70	69	71	74	73	73	75	74	71	73	72
Georgia	Atlanta	38	72	69	66	63	64	67	73	74	71	67	67	72	69
Idaho	Boise	6	33	76	60	55	53	52	38	36	46	54	76	61	59
Illinois	Chicago	27	75	73	70	66	66	67	65	68	70	67	70	76	69
Indiana	Indianapolis	54	73	71	67	61	60	61	59	63	64	64	69	74	66
Iowa	Des Moines	50	79	77	72	65	65	68	66	70	72	70	73	78	71
Kansas	Wichita	54	70	66	59	58	63	61	57	57	60	60	64	70	62
Kentucky	Louisville	48	72	69	63	61	61	62	62	64	65	63	67	71	65
Louisiana	New Orleans	47	75	73	71	70	69	70	74	74	73	70	72	76	72
Maine	Eastport	48	74	74	73	74	76	79	82	81	80	77	77	78	77
Massachusetts	Boston	31	68	66	65	66	67	67	68	71	71	68	70	68	68
Michigan	Detroit	42	84	85	74	68	66	66	62	64	66	71	76	81	71
	Sault Ste. Marie	39	64	82	79	70	68	70	73	75	79	79	82	84	77
Minnesota	Minneapolis	42	79	76	68	60	58	63	60	62	66	66	72	78	64
Mississippi	Vicksburg	(1)	74	70	68	70	72	74	78	79	76	73	72	74	73
Missouri	Kansas City	38	72	69	65	63	65	66	61	64	66	63	66	72	66
	St. Louis	46	71	69	64	61	62	62	59	62	64	62	66	71	64
Montana	Helena	57	68	66	58	53	52	50	43	44	51	57	64	68	56
	Miles City	60	75	73	68	57	53	54	47	48	54	61	70	75	61
Nebraska	North Platte	48	70	67	61	57	59	61	58	58	60	58	68	70	62
	Omaha	38	76	74	68	62	63	66	63	66	66	63	69	75	67
Nevada	Winnemucca	38	76	70	58	49	60	40	30	39	37	49	62	74	52
New Jersey	Atlantic City	57	74	73	73	72	75	77	78	78	76	73	72	73	75
New Mexico	Albuquerque	21	60	52	44	39	36	33	45	49	50	40	51	61	47
New York	Albany	39	75	74	70	66	65	69	70	72	76	74	74	76	72
	New York	47	68	64	63	61	62	65	69	70	70	67	68	67	66
	Rochester	46	74	74	69	63	61	63	62	64	68	69	72	74	68
N. Carolina	Asheville	40	71	68	65	61	63	68	72	75	72	68	66	70	68
	Raleigh	57	73	71	69	66	68	72	76	79	78	74	71	74	72
N. Dakota	Bismarck	56	76	75	69	59	57	61	57	56	60	63	72	76	66
Ohio	Cleveland	62	69	58	59	58	61	64	65	66	66	66	59	59	61
Oklahoma	Oklahoma City	36	71	68	62	63	66	68	62	62	64	66	66	71	66
Oregon	Portland	48	81	77	71	65	64	63	60	62	66	74	80	81	70
Pennsylvania	Harrisburg	56	68	65	62	56	58	63	63	65	66	66	64	66	64
	Pittsburgh	49	73	73	67	62	61	64	63	65	66	67	70	77	67
S. Carolina	Charleston	52	70	65	63	65	65	78	78	78	77	77	72	76	72
S. Dakota	Huron	56	78	77	69	61	58	62	58	59	60	62	70	77	66
Tennessee	Nashville	38	75	70	66	62	66	67	68	71	70	67	69	73	69
Texas	Amarillo	52	60	57	50	49	56	54	52	54	57	58	57	61	56
	El Paso	55	44	38	30	25	25	28	41	45	44	42	43	48	38
	Fort Worth	34	67	66	59	62	64	61	58	58	61	63	64	69	66
	Houston	33	75	74	72	73	74	73	74	72	74	70	71	75	72
Utah	Salt Lake City	11	80	76	63	54	47	44	36	38	43	55	70	77	57
Vermont	Burlington	38	80	81	77	72	70	73	75	77	81	79	79	81	77
Virginia	Norfolk	8	73	69	68	67	71	74	77	77	77	74	71	72	73
	Richmond	47	72	67	64	61	64	67	70	72	72	69	67	71	69
Washington	Seattle	39	81	80	73	68	67	66	66	69	72	79	82	82	73
	Spokane	64	82	76	62	52	49	47	36	40	50	62	78	83	60
W. Virginia	Parkersburg	37	76	74	68	64	67	72	71	74	74	72	72	76	72
Wisconsin	Madison	37	81	79	73	65	64	67	64	67	70	70	76	82	71
Wyoming	Cheyenne	41	55	58	57	56	56	53	48	49	49	50	51	55	53
Alaska	Juneau	26	77	74	70	69	70	70	73	81	81	82	77	77	76
Hawaii	Honolulu	35	70	70	68	67	67	66	66	67	67	68	69	71	66
Puerto Rico	San Juan <sup>1</sup>	47	61	80	77	76	77	77	78	78	79	79	81	81	79

<sup>1</sup> Based on records of 46 to 72 years.<sup>2</sup> 8:30 a. m. only.

Source: Department of Commerce, Weather Bureau; records.

## No. 182.—AVERAGE MONTHLY AND ANNUAL DEGREE DAYS, 65° BASE

[For period of record, including 1944]

STATION	Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.... Mobile.....	48	397	314	175	52	3	0	0	0	1	44	203	377	1,595
Montgomery.....	48	494	405	239	85	10	0	0	0	4	71	279	484	2,071
Aris... Phoenix.....	48	402	263	154	47	7	0	0	0	0	18	166	384	1,441
Ark.... Little Rock.....	48	704	579	367	145	31	1	0	0	11	120	333	668	3,009
Calif... Fresno.....	48	573	380	239	152	52	4	0	0	5	77	309	562	2,408
Los Angeles.....	48	273	235	212	158	103	27	1	0	5	43	110	225	1,391
San Francisco.....	48	480	340	317	272	255	197	196	179	121	139	241	420	3,187
Colo... Denver.....	48	1,023	897	790	516	275	64	8	8	126	411	716	1,005	5,839
D. C. Washington.....	48	928	834	624	340	101	14	0	2	43	261	558	872	4,561
Fla.... Jacksonville.....	48	302	244	131	42	3	0	0	0	0	25	144	294	1,185
Miami.....	35	53	45	28	3	0	0	0	0	0	0	15	41	185
Ga.... Atlanta.....	48	660	563	382	169	33	2	0	0	12	128	392	644	2,985
Idaho... Boise.....	48	1,077	840	688	440	252	92	9	17	185	386	717	1,025	5,678
Ill.... Chicago.....	48	1,218	1,080	801	531	259	67	5	7	88	337	712	1,116	6,283
Ind.... Indianapolis.....	48	1,102	973	737	410	154	22	1	4	66	297	660	1,032	5,458
Iowa... Des Moines.....	48	1,320	1,132	843	446	171	29	1	6	102	354	767	1,304	6,375
Kans... Wichita.....	48	1,016	836	604	290	108	9	0	1	41	231	578	947	4,544
Ky.... Louisville.....	48	931	816	588	298	93	8	0	1	35	217	549	881	4,417
La.... New Orleans.....	48	323	247	129	31	1	0	0	0	0	23	145	304	1,208
Me.... Eastport.....	48	1,364	1,238	1,080	778	530	301	158	146	271	528	827	1,224	8,445
Mass... Boston.....	48	1,108	1,025	841	538	245	66	7	15	96	338	647	1,008	5,936
Mich... Detroit.....	48	1,230	1,134	927	566	253	56	7	15	111	388	749	1,124	6,500
Sault Ste. Marie.....	48	1,572	1,470	1,291	828	487	215	91	110	255	618	965	1,379	9,307
Minn... Minneapolis.....	48	1,587	1,372	1,072	577	260	62	8	23	167	481	942	1,415	7,966
Miss... Vicksburg.....	48	503	407	236	82	10	0	0	0	5	76	267	483	2,069
Mo.... Kansas City.....	48	1,077	909	651	322	108	12	0	2	51	239	598	993	4,962
St. Louis.....	48	998	855	607	300	91	8	0	1	38	215	558	925	4,596
Mont... Helena.....	48	1,347	1,157	900	539	413	192	43	66	291	595	944	1,252	7,930
Miles City.....	48	1,461	1,267	997	545	275	81	7	20	188	510	918	1,322	7,591
Nebr... North Platte.....	48	1,227	1,039	846	480	227	49	4	9	131	410	799	1,163	6,384
Omaha.....	48	1,280	1,068	810	410	157	24	1	4	84	224	744	1,169	6,095
Nev.... Winnemucca.....	48	1,128	884	768	536	321	114	10	23	183	494	601	1,090	6,357
N. J.... Atlantic City.....	48	946	887	750	485	208	37	1	2	39	247	546	987	5,015
N. Mex. Albuquerque.....	37	955	708	602	322	91	5	0	0	27	258	646	918	4,517
N. Y.... Albany.....	48	1,271	1,169	948	551	220	46	4	15	117	411	753	1,143	6,648
New York.....	48	1,023	953	771	465	172	30	1	4	50	272	594	940	5,280
Rochester.....	48	1,227	1,155	967	605	282	71	10	26	132	423	751	1,123	6,772
N. C.... Asheville.....	44	817	719	558	315	114	15	2	3	49	279	565	800	4,236
Raleigh.....	48	702	615	429	210	46	6	0	1	17	153	415	681	3,275
N. Dak. Bismarck.....	48	1,704	1,479	1,181	643	340	109	21	44	244	595	1,057	1,520	8,937
Ohio... Cleveland.....	48	1,143	1,067	876	553	252	56	7	14	93	354	684	1,045	6,144
Okla... Okla. City.....	48	846	684	457	200	58	3	0	0	22	153	455	792	3,670
Oreg... Portland.....	48	775	616	533	368	237	108	27	28	106	292	638	725	4,358
Pa.... Harrisburg.....	48	1,073	973	757	425	146	23	1	6	67	314	637	990	5,412
Pittsburgh.....	48	1,042	964	751	444	166	29	3	7	66	322	651	982	5,430
S. C.... Charleston.....	48	452	384	239	83	7	0	0	0	1	47	225	428	1,866
S. Dak. Huron.....	48	1,672	1,353	1,039	573	271	70	10	20	159	502	962	1,409	7,940
Tenn... Nashville.....	48	788	675	467	218	55	3	0	0	20	170	469	748	3,613
Tex.... Amarillo.....	48	861	719	646	284	107	11	1	2	42	221	548	854	4,196
El Paso.....	48	615	432	291	104	14	1	0	0	5	89	366	615	2,532
Fort Worth.....	48	586	463	270	97	16	1	0	0	8	79	285	533	2,355
Houston.....	37	361	247	150	36	2	0	0	0	1	27	160	331	1,315
Utah... Salt Lake City.....	48	1,093	871	716	446	236	66	3	5	98	371	712	1,033	5,650
Vt.... Burlington.....	40	1,467	1,338	1,111	694	339	106	23	51	209	530	870	1,313	8,031
Va.... Norfolk.....	48	712	650	483	254	62	5	0	0	9	129	392	668	3,364
Richmond.....	48	814	722	538	278	72	8	0	1	27	196	486	750	3,922
Wash... Seattle.....	48	759	637	595	436	299	160	67	69	170	355	654	704	4,315
Spokane.....	48	1,139	931	756	490	285	118	20	37	184	480	817	1,061	6,318
W. Va. Parkersburg.....	48	977	882	690	369	129	18	1	3	56	286	617	930	4,928
Wis... Madison.....	42	1,451	1,246	1,002	588	274	66	8	20	145	452	857	1,296	7,405
Wyo... Cheyenne.....	46	1,187	1,064	996	720	460	185	40	46	251	587	876	1,144	7,536

Source: Department of Commerce, Weather Bureau; records.

## 7. Public Lands and National Park System

The term "public lands," as used here, includes only those Federally owned lands to which the general body of public land laws apply. (See title 43 of the Code of Federal Regulations.) In general, it includes the lands acquired by the United States through cession and treaty and certain other lands declared by the Congress specifically to be "public lands," that is, subject to the public land laws. As a general rule, it excludes lands acquired by the United States from private owners and from State and local governments by purchase, donation, condemnation, etc. The term "Indian lands," used here to differentiate such lands from other public lands, refers to lands ceded to the United States by Indian tribes and held in trust for the Indians by the Government.

An entry or selection is a claim to a given tract of public land. An original entry or selection is a claim allowed under the law but subject to certain conditions before title can pass. A perfected entry is a claim finally approved after required lapse of time and compliance with other conditions. A patent or certification is an instrument of conveyance or grant to a claimant whose entry or selection has been finally approved.

For table on trend in land utilization, see p. 601.

### No. 188.—PUBLIC AND INDIAN LAND, ENTRIES UNDER ALL ACTS—ACREAGE, BY STATES: YEARS ENDING JUNE 30, 1931 TO 1947

[See general note above]

CLASS AND STATE	ORIGINAL ENTRIES						Perfected entries, 1947	Patented, 1947
	1931-35, total	1936-40, total	1941-45, total	1945	1946	1947		
<b>Total</b> .....	18,232,143	1,036,849	404,409	40,265	27,456	76,133	52,571	403,229
Public land.....	17,754,198	987,684	400,239	39,832	27,416	76,093	48,708	403,229
Indian land.....	477,945	49,165	4,169	434	40	40	3,773	.....
All homesteads.....	15,743,383	708,410	162,736	22,694	18,260	55,092	30,200	36,161
Stock-raising homesteads.....	13,723,337	472,920	25,488	.....	1,277	635	5,553	2,889
Other entries.....	2,488,760	328,439	241,673	17,572	9,196	21,041	22,371	367,068
Alabama.....	(1)	.....	.....	.....	.....	.....	.....	.....
Alaska.....	40,118	59,034	66,695	14,522	13,952	31,216	3,380	2,081
Arizona.....	2,900,417	80,874	25,157	2,974	2,580	8,533	1,658	83,163
Arkansas.....	<sup>1</sup> 43,688	(1)	.....	.....	.....	.....	.....	.....
California.....	1,120,687	<sup>2</sup> 209,426	89,631	911	1,139	10,870	3,108	3,536
Colorado.....	1,436,974	107,578	10,209	2,240	4,653	2,234	4,228	6,323
Florida.....	<sup>3</sup> 9,565	(1)	.....	.....	.....	.....	.....	.....
Idaho.....	704,352	57,488	21,573	2,237	1,486	2,159	4,531	13,408
Louisiana.....	(1)	.....	.....	.....	.....	.....	.....	.....
Minnesota.....	<sup>1</sup> 16,020	(1)	.....	.....	.....	.....	.....	.....
Montana.....	1,409,447	84,619	20,929	543	263	572	12,425	25,368
Nebraska.....	<sup>1</sup> 17,508	(1)	.....	.....	.....	.....	.....	.....
Nevada.....	105,123	2,831	7,851	887	105	640	788	4,159
New Mexico.....	4,676,786	176,942	33,435	2,203	1,180	708	1,734	204,031
North Dakota.....	82,333	1,860	876	181	.....	.....	.....	309
Oklahoma.....	(1)	.....	.....	.....	.....	.....	.....	.....
Oregon.....	630,098	53,878	5,136	523	.....	405	1,257	14,587
South Dakota.....	252,454	7,735	550	21	35	102	256	8,350
Utah.....	675,153	27,091	99,689	7,921	1,040	6,542	5,046	13,403
Washington.....	83,154	3,333	760	191	445	1,439	1,079	1,239
Wyoming.....	3,930,670	138,074	9,830	3,531	348	9,665	6,314	12,075
Bureau of Land Management <sup>4</sup> .....	97,596	26,086	12,088	1,380	230	1,048	6,767	11,197

<sup>1</sup> Office closed; entries, if any, included with "Bureau of Land Management." See note 4.

<sup>2</sup> 1931 to 1933 only.

<sup>3</sup> Includes 150,749 acres acquired by the State of California for State park purposes under act of June 29, 1936.

<sup>4</sup> Includes entries, if any, for States where only small areas of public lands remain undisposed of; offices not maintained in such States.

Source: Department of the Interior, Bureau of Land Management; Annual Report of the Secretary and annual report of the Director.

# **No. 184.—LANDS IN FEDERAL OWNERSHIP—ACREAGE, BY STATES, TERRITORIES, AND POSSESSIONS: 1944**

[Approximate date of data is June 30, 1944]

STATE OR OTHER AREA	LAND AREA (ACRES)						
	Total	Under Federal ownership					
		Total	Percent of total area	Administering Agency			
				Dept. of Interior	Dept. of Agriculture	War and Navy Depts.	Other
<b>Grand total.....</b>	<b>2,377,240,960</b>	<b>820,712,163</b>	<b>35</b>	<b>577,816,752</b>	<b>186,660,499</b>	<b>63,172,344</b>	<b>1,326,683</b>
<b>Continental U. S.....</b>	<b>1,805,361,920</b>	<b>655,183,251</b>	<b>24</b>	<b>267,712,632</b>	<b>165,979,871</b>	<b>20,680,951</b>	<b>1,272,797</b>
Alabama.....	32,689,920	1,188,075	4	28,941	684,796	211,918	262,420
Arizona.....	72,691,200	53,363,273	73	37,234,990	11,627,143	4,688,027	13,113
Arkansas.....	33,744,000	2,849,702	8	245,162	2,366,704	231,706	6,130
California.....	100,353,920	46,484,371	46	25,346,446	19,430,628	1,684,670	22,627
Colorado.....	66,538,880	25,492,803	38	10,785,167	14,336,716	417,642	3,278
Connecticut.....	3,135,360	18,475	(1)	—	11,706	1,174	2,595
Delaware.....	1,265,920	22,398	2	13,911	5,072	3,419	96
District of Columbia.....	39,040	9,369	24	6,583	395	639	1,562
Florida.....	34,727,680	2,840,558	7	171,305	1,274,710	781,841	12,702
Georgia.....	37,461,570	1,768,063	5	388,641	871,062	488,788	19,572
Idaho.....	52,997,120	33,730,114	64	13,458,185	20,189,139	80,628	2,162
Illinois.....	35,806,080	357,609	(1)	7,491	228,423	114,930	6,765
Indiana.....	23,171,200	297,609	1	—	100,186	192,747	4,577
Iowa.....	35,831,040	62,140	(1)	25,398	6,658	28,881	1,205
Kansas.....	52,552,320	289,155	(1)	39,623	102,398	142,764	4,370
Kentucky.....	25,669,760	906,993	4	101,209	468,674	254,218	82,892
Louisiana.....	28,913,280	1,045,955	4	230,026	587,224	225,645	3,000
Maine.....	19,866,600	140,034	(1)	51,692	69,980	14,929	3,444
Maryland.....	6,327,680	132,708	2	26,908	87,042	42,239	6,517
Massachusetts.....	5,090,480	26,544	(1)	274	1,651	21,605	1,614
Michigan.....	36,494,080	2,556,496	7	262,491	2,265,706	35,511	11,728
Minnesota.....	51,205,760	3,626,282	7	1,035,704	2,589,971	18,885	4,022
Mississippi.....	30,348,800	1,440,196	5	79,343	1,143,421	211,098	15,334
Missouri.....	44,332,800	1,457,208	3	42,981	1,271,478	140,230	2,530
Montana.....	93,642,240	32,966,241	35	14,142,650	18,379,516	442,443	1,632
Nebraska.....	49,057,920	717,135	1	238,136	357,244	119,906	1,647
Nevada.....	70,273,280	61,378,360	87	52,751,715	5,054,537	3,555,116	16,972
New Hampshire.....	5,775,360	668,819	12	—	664,372	4,190	267
New Jersey.....	4,614,080	65,808	1	2,964	44	57,511	5,289
New Mexico.....	77,767,040	34,211,071	44	22,877,763	9,628,278	1,681,679	23,155
New York.....	30,674,560	278,817	(1)	93,866	39,315	138,228	7,408
North Carolina.....	31,450,880	1,729,068	5	376,441	1,079,227	221,896	50,504
North Dakota.....	44,834,560	2,477,475	6	1,375,497	1,099,842	—	2,136
Ohio.....	26,318,080	187,373	(1)	288	114,178	55,962	16,925
Oklahoma.....	44,341,120	3,441,224	8	2,979,568	276,077	182,963	2,616
Oregon.....	61,694,000	32,781,306	53	18,539,204	14,530,612	170,436	4,054
Pennsylvania.....	28,828,800	588,041	2	36,490	489,603	52,234	9,714
Rhode Island.....	677,120	19,589	3	—	12,490	6,639	240
South Carolina.....	19,580,160	890,194	5	84,645	633,451	170,084	2,014
South Dakota.....	48,983,040	8,820,645	18	6,528,001	1,971,910	319,694	1,240
Tennessee.....	26,355,040	1,591,491	6	273,161	647,961	121,397	548,972
Texas.....	168,732,160	2,409,242	1	765,183	830,518	783,511	30,030
Utah.....	52,701,440	37,898,177	72	28,230,323	7,967,896	1,789,101	10,867
Vermont.....	5,937,920	175,893	3	52	169,080	6,546	215
Virginia.....	25,535,360	2,168,379	8	269,333	1,444,703	432,544	11,799
Washington.....	42,885,280	15,034,462	35	5,137,981	9,531,826	352,005	12,650
West Virginia.....	15,417,600	943,702	6	—	918,832	16,892	7,978
Wisconsin.....	35,617,600	2,065,802	6	553,940	1,476,739	50,278	4,845
Wyoming.....	62,403,840	32,056,721	51	22,933,062	9,100,695	17,031	4,933
<b>Territories and possessions.....</b>	<b>371,879,040</b>	<b>365,528,912</b>	<b>98</b>	<b>310,103,130</b>	<b>20,880,638</b>	<b>34,491,298</b>	<b>53,671</b>
Alaska.....	365,481,600	364,995,705	99	309,710,304	20,649,187	34,382,426	53,699
Hawaii.....	4,122,240	429,076	10	373,384	—	55,589	138
Puerto Rico.....	2,190,720	94,049	4	11,100	31,441	51,473	35
Virgin Islands.....	84,480	10,082	12	8,242	—	1,836	6

<sup>1</sup> Less than 1 percent.

<sup>2</sup> 463,000 acres of controverted lands included with Dept. of Interior as well as Dept. of Agriculture, resulting in duplication.

Source: 78th Cong. 2d. sess.; House of Representatives, Report No. 1584. (Printed 1944.)

**No. 185.—PUBLIC LAND—TIMBER-AND-STONE, COAL, MINERAL, AND DESERT-LAND  
ENTRIES—ACREAGE, BY STATES, TO JUNE 30, 1947**

STATE	FROM PASSAGE OF ACT TO JUNE 30, 1947 <sup>1</sup>				YEAR ENDING JUNE 30, 1947			
	Timber and stone, perfected	Coal perfected <sup>2</sup>	Desert land		Timber and stone, per- fected	Min- eral other than coal, per- fected	Desert land	
			Original	Perfected			Orig- inal	Per- fected
<b>Acres of entries.....</b>	<b>13,857,146</b>	<b>604,443</b>	<b>32,848,716</b>	<b>9,997,390</b>	<b>200</b>	<b>4,768</b>	<b>3,184</b>	<b>3,170</b>
Alabama.....	43,935	239						
Arizona.....	3,103	6,693	2,597,036	470,608		298	1,000	747
Arkansas.....	365,773				80	120		
California.....	2,899,214	5,535	5,204,580	1,079,152		502	1,110	760
Colorado.....	402,207	216,609	3,227,850	1,010,812		335	106	
Dakota Territory.....		584	20,021	300				
Florida.....	109,214							
Idaho.....	1,017,472	3,277	3,122,230	1,127,141		180	442	840
Iowa.....	119							
Louisiana.....	150,277							
Michigan.....	149,667							
Minnesota.....	1,409,215							
Mississippi.....	20,058				80			
Montana.....	664,294	64,758	5,983,126	3,050,621		276		80
Nebraska.....	97							
Nevada.....	6,542	1,661	655,957	175,995		37	320	240
New Mexico.....	153	26,613	2,160,609	280,305		611		
North Dakota.....	8,646	9,624	85,278	20,254				
Oklahoma.....	40							
Oregon.....	3,817,897	10,572	1,120,632	356,578		186		140
South Dakota.....	63,910	3,624	609,290	180,759		96		
Utah.....	3,236	75,828	1,514,180	493,738		900	161	
Washington.....	2,174,530	64,894	998,578	136,954		383		83
Wisconsin.....	80,362							
Wyoming.....	458,182	113,924	5,549,259	1,614,173	40	844	45	280
Bureau of Land Manage- ment.....	9,003	8						
<b>Number of entries.....</b>	<b>108,040</b>	<b>4,417</b>	<b>160,094</b>	<b>54,691</b>	<b>4</b>	<b>57</b>	<b>26</b>	<b>24</b>
<b>Money payment, dollars.....</b>	<b>35,616,168</b>	<b>11,922,602</b>	<b>7,905,718</b>	<b>9,696,501</b>	<b>605</b>	<b>16,978</b>	<b>796</b>	<b>3,135</b>

<sup>1</sup> Dates of passage of original acts: Timber and stone, June 3, 1878; coal, Mar. 3, 1873; desert land, Mar. 3, 1877.

<sup>2</sup> Since 1920, coal land available only for lease.

<sup>3</sup> Includes 58,496 acres within Ute Reservation.

**No. 186.—PUBLIC AND INDIAN LAND, ENTRIES AND PATENTS—ACREAGE: YEARS  
ENDING JUNE 30, 1946 AND 1947**

CLASS	1946			1947		
	Original entries	Perfected entries	Patented entries	Original entries	Perfected entries	Patented entries
<b>Total.....</b>	<b>27,456</b>	<b>61,484</b>	<b>154,073</b>	<b>76,133</b>	<b>52,571</b>	<b>403,228</b>
Homesteads.....	18,260	33,505	31,295	55,091	30,200	36,161
Stockraising.....	1,277	4,925	10,774	635	5,553	2,888
Enlarged.....	993	844	1,828		627	918
Reclamation.....	930	22,699	14,095	19,949	14,609	27,963
Forest.....	571	320		228		320
Commuted.....		240	280		2,122	320
Sec. 2289, original act, et al.....	14,489	4,477	4,318	34,279	7,289	3,752
Deserts.....	428	1,305	1,855	3,184	3,171	1,247
Public auction.....		10,147	10,725		7,618	10,124
Timber and stone.....	40	40		40	200	160
State selection.....	1,731		2,172	12,008		1,466
Mineral.....	6,977	7,712	6,837	5,810	4,769	2,691
Exchange.....			85,554			341,055
Miscellaneous.....	20	8,775	15,634		6,613	11,324

<sup>1</sup> Includes certifications: 1946, 1,332 acres; 1947, 331 acres.

Source of tables 185 and 186: Department of the Interior, Bureau of Land Management; Annual Report of the Secretary and annual report of the Director.

No. 187.—PUBLIC LAND, HOMESTEAD ENTRIES—ACREAGE FOR UNITED STATES, 1868 TO 1947, AND BY STATES, 1921 TO 1947, FOR YEARS ENDING JUNE 30

[See general note, p. 159]

ITEM AND STATE	ALL HOMESTEADS							
	1921-1925, total	1926-1930, total	1931-1935, total	1936-1940, total	1941-1945, total	1945	1946	1947
Original entries, total...	35,079,617	18,380,143	15,266,771	659,350	158,567	22,260	18,221	55,052
Alabama.....	34,139	<sup>1</sup> 9,770	( <sup>2</sup> )	—	—	—	—	—
Alaska.....	51,012	33,549	38,659	58,718	59,559	14,152	13,953	31,163
Arizona.....	1,452,551	<sup>3</sup> 1,727,167	1,124,034	39,910	8,199	—	10	635
Arkansas.....	215,172	125,002	<sup>4</sup> 43,298	( <sup>2</sup> )	—	—	—	—
California.....	2,201,327	1,608,383	909,626	29,127	2,391	620	548	8,232
Colorado.....	4,368,182	1,528,449	1,028,298	58,501	7,533	1,977	1,561	1,273
Florida.....	168,086	86,305	<sup>4</sup> 9,554	( <sup>2</sup> )	—	—	—	—
Idaho.....	1,842,656	927,604	694,481	56,757	16,020	1,284	770	1,499
Kansas.....	46,016	( <sup>2</sup> )	—	—	—	—	—	—
Louisiana.....	14,746	<sup>1</sup> 5,732	( <sup>2</sup> )	—	—	—	—	—
Michigan.....	21,804	( <sup>2</sup> )	—	—	—	—	—	—
Minnesota.....	47,147	43,410	<sup>4</sup> 4,947	( <sup>2</sup> )	—	—	—	—
Mississippi.....	22,758	( <sup>2</sup> )	—	—	—	—	—	—
Montana.....	<sup>3</sup> 4,528,483	<sup>2</sup> 1,866,547	<sup>3</sup> 1,384,188	84,102	17,871	440	80	40
Nebraska.....	122,985	63,187	<sup>4</sup> 17,468	( <sup>2</sup> )	—	—	—	—
Nevada.....	281,532	214,769	97,670	1,832	1,812	—	—	160
New Mexico.....	6,765,794	3,623,688	4,387,629	94,337	13,817	1,303	309	73
North Dakota.....	128,417	57,256	79,152	1,860	875	181	—	—
Oklahoma.....	80,546	<sup>1</sup> 25,871	( <sup>2</sup> )	—	—	—	—	—
Oregon.....	2,118,054	727,910	561,227	50,963	3,373	523	—	385
South Dakota.....	1,177,594	276,295	220,963	7,695	—	—	—	—
Utah.....	1,456,411	<sup>3</sup> 1,260,956	609,755	26,811	12,650	157	640	41
Washington.....	288,671	70,088	67,354	2,733	320	—	—	1,264
Wisconsin.....	10,071	( <sup>2</sup> )	—	—	—	—	—	—
Wyoming.....	7,634,649	4,064,145	3,894,074	125,425	2,694	243	160	9,279
Bureau of Land Management <sup>5</sup> .....	820	34,063	94,395	20,579	11,453	1,380	190	1,008
Original entries, stock-raising homesteads (incl. above).....	26,260,485	14,828,604	13,312,779	443,968	25,488	—	1,277	635

PERFECTED HOMESTEAD ENTRIES, ENTIRE UNITED STATES <sup>6</sup>

PERIOD <sup>6</sup>	All home- steads	YEAR	All home- steads	YEAR	All home- steads	YEAR	All home- steads	Stock- raising
1868-1870....	1, 379, 116	1902....	4, 342, 748	1918....	8, 236, 438	1934.....	1, 123, 673	916, 945
1871-1875....	6, 215, 783	1903....	3, 576, 964	1919....	6, 524, 760	1935.....	1, 640, 393	1, 416, 623
1876-1880....	11, 670, 439	1904....	3, 232, 717	1920....	8, 372, 696	1936.....	1, 764, 958	1, 503, 502
1881-1885....	12, 630, 327	1905....	3, 419, 387	1921....	7, 726, 740	1937.....	1, 914, 806	1, 668, 119
1886-1890....	16, 330, 272	1906....	3, 526, 749	1922....	7, 307, 034	1938.....	1, 361, 943	1, 174, 702
1891-1895....	16, 602, 473	1907....	3, 740, 568	1923....	5, 594, 259	1939.....	1, 088, 938	966, 413
1896-1900....	15, 275, 647	1908....	4, 242, 711	1924....	4, 791, 436	1940.....	652, 484	567, 926
1901-1905....	19, 812, 937	1909....	3, 699, 467	1925....	4, 048, 910	1941.....	389, 970	330, 431
1906-1910....	19, 005, 358	1910....	3, 795, 863	1926....	3, 451, 105	1942.....	187, 507	138, 969
1911-1915....	35, 407, 653	1911....	4, 620, 197	1927....	2, 583, 627	1943.....	101, 529	70, 848
1916-1920....	38, 909, 565	1912....	4, 306, 068	1928....	1, 815, 549	1944.....	50, 506	26, 685
1921-1925....	29, 468, 379	1913....	10, 009, 285	1929....	1, 700, 950	1945.....	34, 692	12, 711
1926-1930....	10, 922, 304	1914....	9, 291, 121	1930....	1, 371, 073	1946.....	29, 368	4, 925
1931-1935....	6, 233, 399	1915....	7, 180, 982	1931....	1, 352, 861	1947.....	25, 987	5, 553
1936-1940....	6, 783, 129	1916....	7, 278, 281	1932....	1, 209, 894	Total, 1868- 1947.....	247, 466, 340	32, 722, 654
1941-1945....	764, 204	1917....	8, 497, 390	1933....	906, 578			

<sup>1</sup> 1926 and 1927 only.  
<sup>2</sup> See notes 1 and 4, table 183.  
<sup>3</sup> Includes entries of abandoned military reservations.  
<sup>4</sup> 1931 to 1933.  
<sup>5</sup> Excludes commuted homesteads.  
<sup>6</sup> Period figures are totals, not averages.

Source: Department of the Interior, Bureau of Land Management; Annual Report of the Secretary and annual report of the Director.



**No. 188.—LAND GRANTS (INCLUDING SCRIP) TO STATES FOR EDUCATIONAL AND OTHER PURPOSES—ACREAGE, BY STATES AND FOR ALASKA, TO JUNE 30, 1947**

[Excludes data for grants to States for railroads, desert land reclamation, wagon roads, river improvements, and canals]

STATE	Total	Common schools	Universities, agricultural colleges, and other educational	Miscellaneous institutions	Internal improvements	Swamp	All other
<b>Total.....</b>	<b>197,719,237</b>	<b>98,532,429</b>	<b>17,033,973</b>	<b><sup>1</sup> 3,993,274</b>	<b>7,806,555</b>	<b>64,889,911</b>	<b>5,463,194</b>
Alabama.....	1,858,498	911,627	383,785	181	97,409	440,775	24,660
Alaska.....	21,447,459	21,009,209	438,250	-----	-----	-----	-----
Arizona.....	10,543,753	8,093,156	849,197	500,000	-----	-----	1,101,400
Arkansas.....	9,373,073	933,778	196,080	-----	500,000	7,686,535	56,680
California.....	8,822,398	5,534,293	196,080	-----	500,000	2,192,457	399,568
Colorado.....	4,433,898	3,685,618	138,040	32,000	500,000	-----	78,240
Connecticut.....	180,000	-----	180,000	-----	-----	-----	-----
Delaware.....	90,000	-----	90,000	-----	-----	-----	-----
Florida.....	21,986,810	975,307	182,160	-----	500,000	20,324,223	5,120
Georgia.....	270,000	-----	270,000	-----	-----	-----	-----
Idaho.....	3,639,555	2,963,698	386,686	<sup>1</sup> 250,000	-----	-----	39,171
Illinois.....	3,315,158	996,320	526,080	-----	209,086	1,460,084	123,589
Indiana.....	2,389,489	668,578	436,080	-----	-----	1,259,231	25,600
Iowa.....	3,032,975	1,000,679	286,080	-----	500,000	1,196,393	49,824
Kansas.....	3,618,339	2,907,520	151,270	127	500,000	-----	59,423
Kentucky.....	354,606	-----	330,000	24,606	-----	-----	-----
Louisiana.....	11,054,245	807,271	256,292	-----	500,000	9,490,682	-----
Maine.....	210,000	-----	210,000	-----	-----	-----	-----
Maryland.....	210,000	-----	210,000	-----	-----	-----	-----
Massachusetts.....	360,000	-----	360,000	-----	-----	-----	-----
Michigan.....	7,537,497	1,021,867	286,080	-----	500,000	5,680,270	49,280
Minnesota.....	8,374,494	2,874,951	212,160	-----	500,000	4,706,503	80,880
Mississippi.....	5,021,559	824,213	348,240	-----	500,000	3,347,853	1,253
Missouri.....	5,578,974	1,221,813	376,080	-----	500,000	3,432,441	48,640
Montana.....	5,871,058	5,198,258	388,721	100,000	-----	-----	184,079
Nebraska.....	3,458,711	2,730,951	136,080	32,000	500,000	-----	59,680
Nevada.....	2,723,647	2,061,967	136,080	12,800	500,000	-----	12,800
New Hampshire.....	150,000	-----	150,000	-----	-----	-----	-----
New Jersey.....	210,000	-----	210,000	-----	-----	-----	-----
New Mexico.....	12,789,916	8,711,324	1,346,546	750,000	-----	-----	1,982,046
New York.....	990,000	-----	990,000	-----	-----	-----	-----
North Carolina.....	270,000	-----	270,000	-----	-----	-----	-----
North Dakota.....	3,163,552	2,495,396	336,080	<sup>1</sup> 250,000	-----	-----	82,076
Ohio.....	1,473,934	724,266	699,120	-----	-----	26,332	24,216
Oklahoma.....	3,095,760	1,375,000	1,050,000	<sup>1</sup> 670,760	-----	-----	-----
Oregon.....	4,375,515	3,399,360	136,165	-----	500,000	286,108	53,882
Pennsylvania.....	780,000	-----	780,000	-----	-----	-----	-----
Rhode Island.....	120,000	-----	120,000	-----	-----	-----	-----
South Carolina.....	180,000	-----	180,000	-----	-----	-----	-----
South Dakota.....	3,435,373	2,733,084	366,080	<sup>1</sup> 250,640	-----	-----	85,569
Tennessee.....	300,000	-----	300,000	-----	-----	-----	-----
Texas.....	180,000	-----	180,000	-----	-----	-----	-----
Utah.....	7,464,497	5,844,196	556,141	500,160	-----	-----	564,000
Vermont.....	150,000	-----	150,000	-----	-----	-----	-----
Virginia.....	300,000	-----	300,000	-----	-----	-----	-----
Washington.....	3,044,471	2,376,391	336,080	<sup>1</sup> 200,000	-----	-----	132,000
West Virginia.....	150,000	-----	150,000	-----	-----	-----	-----
Wisconsin.....	5,200,913	982,329	332,160	-----	500,000	3,360,024	26,400
Wyoming.....	4,139,209	3,470,009	136,080	<sup>1</sup> 420,000	-----	-----	113,120

<sup>1</sup> Includes acreage of grants for "educational and charitable" purposes as follows: Idaho, 150,000; North Dakota, 170,000; South Dakota, 170,000; Washington, 200,000. Includes also 669,000 acres granted to Oklahoma for "charitable, penal, and public building" purposes, and 290,000 acres granted to Wyoming for "charitable, educational, penal, etc." purposes.

Source: Department of the Interior, Bureau of Land Management; annual report of the Director.

# No. 189.—RECEIPTS UNDER MINERAL LEASING ACT OF FEB. 25, 1920, through 1947, AND MINERAL LEASES IN FORCE AS OF JUNE 30, 1947

[All money figures in thousands of dollars. Excludes leasing activities of agencies other than Bureau of Land Management. Receipts under all mineral-leasing acts amounted to \$16,286,207 in 1947, including those shown here]

STATE	RECEIPTS						LEASES IN FORCE JUNE 30, 1947 <sup>1</sup>	
	Total	1920-1947, total	1944	1945	1946	1947	Number	Acres
<b>Total</b> .....	197,467	141,349	10,914	10,960	10,081	15,122	11,275	8,400,433
Alaska.....	1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	64	134,628
Alabama.....	210	208	( <sup>2</sup> )	( <sup>2</sup> )	1	( <sup>2</sup> )	5	601
Arizona.....	41	12	4	4	8	13	77	39,649
Arkansas.....	3	( <sup>2</sup> )	( <sup>2</sup> )	2	( <sup>2</sup> )	1	5	3,256
California.....	61,065	46,534	3,081	3,164	3,255	4,730	1,493	462,605
Colorado.....	5,543	2,173	291	400	841	1,837	966	913,655
Florida.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1	40
Idaho.....	98	43	1	1	8	46	74	105,813
Kansas.....	127	30	6	74	8	19	44	13,234
Louisiana.....	719	639	22	21	14	23	76	11,196
Michigan.....	9	2	1	3	3	( <sup>2</sup> )	12	11,985
Mississippi.....	2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1	45	3,115
Montana.....	5,967	3,157	996	456	698	759	990	593,723
Nebraska.....	1	1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1	280
Nevada.....	61	14	10	16	14	20	460	114,520
New Mexico.....	15,313	8,349	1,614	1,667	1,594	2,100	2,434	2,055,697
North Dakota.....	652	519	33	47	25	27	56	21,900
Oklahoma.....	37	9	4	10	7	6	144	40,852
Oregon.....	8	1	( <sup>2</sup> )	3	2	2	11	12,512
South Dakota.....	74	38	15	7	7	7	67	57,829
Utah.....	3,796	2,239	350	343	304	559	498	535,416
Washington.....	57	76	2	2	4	3	3	1,280
Wyoming.....	93,636	77,005	4,474	3,841	3,348	4,908	3,759	3,246,707

<sup>1</sup> Data for all leases except those on Department of Agriculture acquired lands; includes those (except on acquired lands) under the Mineral Leasing Act of Feb. 25, 1920.

<sup>2</sup> Less than \$500.

Source: Department of the Interior, Bureau of Land Management; annual report of the Director

# No. 190.—PUBLIC LANDS—LEASES, PERMITS, AND LICENSES OUTSTANDING—NUMBER AND ACREAGE, BY CLASS: JUNE 30, 1947

CLASS	Num- ber	Acres	CLASS	Num- ber	Acres
<b>MINERAL</b>			<b>OTHER</b>		
Grand total.....	11,450	8,556,439	Leases, total.....	16,089	13,207,433
Leases, total <sup>1</sup> .....	11,275	8,400,463	Grazing, Taylor Act.....	10,069	11,549,165
Oil and gas <sup>1</sup> .....	10,898	8,071,259	Grazing, Alaska.....	8	1,168,316
Coal.....	336	79,978	Grazing, Oreg. and Calif. ....	239	278,045
Potash.....	23	52,778	Fur farm, Alaska.....	19	133,810
Phosphate.....	11	5,391	Aviation.....	49	31,836
Sodium.....	8	1,240	Mineral or medicinal spring....	1	40
Siliceous sands.....	2	400	Recreational.....	17	20,058
Vanadium.....	2	189,440	Boy Scout camp.....	1	80
Permits, total <sup>1</sup> .....	114	155,601	Water well.....	15	640
Coal.....	68	70,256	Bathing beach.....	1	33
Potash.....	8	19,711	Small tract.....	5,629	27,858
Sodium.....	28	65,634			
Licenses, total.....	61	2,355			
Coal.....	61	2,355			

<sup>1</sup> Does not include 21 oil and gas leases (9,566 acres) within naval reserves and the following on acquired lands: Oil and gas, 193 leases (233,452 acres); and various minerals, 92 permits (33,373 acres)

Source: Department of the Interior, Bureau of Land Management; Annual Report of the Secretary and annual report of the Director.

# No. 191.—PUBLIC LANDS, UNAPPROPRIATED AND UNRESERVED—ACREAGE, BY STATES: JUNE 30, 1900 TO 1947

[Public lands outside Alaska withdrawn from all disposition with certain exceptions by Executive orders issued in 1934 and 1935, in furtherance of Taylor Grazing Act and for conservation and development of natural resources. Figures exclude unappropriated and unreserved public lands in Alaska estimated at 265,000,000 acres on June 30, 1947]

STATE	1900	1910	1920	1930	1940	1946	1947
<b>Total.....</b>	<b>1 557, 643, 120</b>	<b>343, 971, 674</b>	<b>200, 320, 128</b>	<b>178, 979, 446</b>	<b>1 179, 825, 935</b>	<b>1 169, 506, 842</b>	<b>1 169, 551, 791</b>
Alabama.....	359, 250	108, 210	37, 200	( <sup>2</sup> )	15, 640	26, 729	28, 401
Arizona.....	50, 286, 986	41, 491, 369	18, 268, 909	15, 180, 880	13, 869, 348	11, 300, 493	11, 259, 186
Arkansas.....	3, 493, 444	512, 705	276, 595	190, 969	129, 962	137, 224	138, 736
California.....	42, 467, 512	24, 864, 884	19, 585, 801	16, 623, 488	16, 968, 775	16, 007, 231	16, 027, 376
Colorado.....	39, 650, 247	21, 726, 192	8, 941, 185	8, 027, 468	7, 937, 490	8, 189, 339	8, 218, 371
Florida.....	1, 596, 411	453, 009	120, 077	18, 897	13, 775	24, 092	24, 216
Idaho.....	43, 286, 694	24, 743, 804	8, 805, 112	10, 617, 970	11, 879, 452	12, 601, 405	12, 592, 247
Indiana.....						11	11
Kansas.....	1, 196, 900	137, 180	4, 346	( <sup>2</sup> )	2, 890	2, 984	3, 024
Louisiana.....	442, 224	88, 911	14, 240	( <sup>2</sup> )	5, 716	7, 328	7, 353
Michigan.....	430, 483	107, 890	73, 523	( <sup>2</sup> )	15, 810	14, 966	16, 104
Minnesota.....	4, 696, 203	1, 563, 302	256, 297	189, 845	238, 188	92, 212	92, 336
Mississippi.....	285, 804	47, 058	33, 360	( <sup>2</sup> )	12, 887	17, 482	18, 156
Missouri.....	337, 946	2, 510	18	( <sup>2</sup> )	432	528	1, 008
Montana.....	67, 963, 057	36, 015, 943	5, 973, 741	6, 601, 677	6, 459, 860	6, 772, 246	6, 773, 079
Nebraska.....	9, 798, 688	1, 879, 486	66, 844	22, 628	28, 698	29, 111	28, 155
Nevada.....	61, 277, 506	56, 474, 688	54, 267, 175	51, 454, 493	51, 143, 840	44, 924, 031	44, 927, 201
New Mexico.....	56, 541, 170	36, 454, 692	18, 448, 878	15, 664, 121	15, 695, 468	14, 736, 520	14, 729, 891
North Dakota.....	18, 725, 239	1, 410, 225	81, 044	146, 505	107, 583	100, 629	100, 909
Oklahoma.....	5, 733, 572	5, 007	7, 404	( <sup>2</sup> )	23, 157	24, 401	25, 303
Oregon.....	34, 377, 907	17, 580, 573	14, 006, 757	13, 069, 136	12, 774, 184	13, 181, 451	13, 229, 334
South Dakota.....	11, 930, 809	4, 562, 804	288, 472	439, 880	279, 087	313, 793	313, 371
Utah.....	42, 967, 451	35, 955, 554	29, 991, 715	23, 881, 445	25, 733, 585	23, 815, 717	23, 830, 190
Washington.....	11, 125, 883	3, 196, 059	1, 086, 686	920, 584	577, 419	534, 494	466, 396
Wisconsin.....	313, 565	14, 460	5, 154	( <sup>2</sup> )	6, 160	6, 572	6, 371
Wyoming.....	48, 358, 169	34, 575, 159	19, 679, 595	15, 929, 460	15, 906, 529	16, 645, 853	16, 695, 066

<sup>1</sup> Exclusive of Cherokee Strip, containing 8,004,644 acres, and all other lands owned or claimed by Indians in Indian Territory west of ninety-sixth degree of longitude.

<sup>2</sup> Includes acreage of public lands within grazing districts, subject to grazing use, as follows: 1940, 131,926,135; 1946, 132,266,141; 1947, 132,368,401.

<sup>3</sup> Data not tabulated.

Source: Department of the Interior, Bureau of Land Management; annual report of the Director and records.

# No. 192.—NATIONAL PARK SYSTEM—ACREAGE AND NUMBER OF VISITORS: YEAR ENDING JUNE 30, 1947

TYPE OF AREA	Number of areas	Net acreage	Visitors <sup>1</sup>
<b>National Park System, total.....</b>	<b>171</b>	<b>20, 775, 082</b>	<b>23, 823, 969</b>
National parks.....	28	11, 346, 730	11, 024, 068
National monuments.....	85	9, 279, 035	3, 943, 577
National military parks.....	11	24, 013	<sup>2</sup> 1, 572, 112
National historical parks.....	4	8, 342	<sup>3</sup> 1, 149, 912
National memorial parks.....	1	27, 757	( <sup>4</sup> )
National battlefield parks.....	1	684	182, 369
National battlefield sites.....	7	248	
National cemeteries.....	10	217	
National historic sites.....	11	2, 831	889, 286
National memorials.....	9	2, 005	<sup>5</sup> 820, 106
National capital parks.....	1	27, 875	<sup>6</sup> 2, 928, 186
National parkways.....	3	55, 345	1, 314, 353
<b>Other areas under supervision of National Park Service:</b>			
National recreational areas.....	5	2, 076, 605	1, 441, 260
National projects <sup>7</sup> .....	18	48, 704	( <sup>2</sup> )

<sup>1</sup> Visitor figures to Sept. 30.

<sup>2</sup> Includes national cemeteries adjoining military parks.

<sup>3</sup> Visitors to Saratoga National Historical Park project included with national historical parks.

<sup>4</sup> Theodore Roosevelt National Memorial Park established Apr. 25, 1947, no travel figures available.

<sup>5</sup> Other than those supervised by National Capital Parks.

<sup>6</sup> Includes memorials supervised by National Capital Parks, also Chopawamsic Recreational Area, Virginia, and Chesapeake and Ohio Canal, Maryland.

<sup>7</sup> Includes Saratoga National Historical Park and Kennesaw Mountain National Battlefield Park projects administered by National Park Service pending final establishment; also includes Federal lands in Cape Hatteras National Seashore Recreational Area and Olympic Public Works projects. The other 14 projects have no Federal lands at this time.

Source: Department of the Interior, National Park Service; Annual Report of the Secretary.

No. 193.—VISITORS TO NATIONAL PARK SERVICE AREAS: 1916 TO 1947

[Record of visitors to National Monuments not available for years prior to 1919]

YEAR ENDING SEPT. 30	Number	YEAR ENDING SEPT. 30	Number	YEAR ENDING SEPT. 30	Number
1916.....	356, 097	1927.....	2, 797, 840	1938.....	16, 233, 688
1917.....	488, 268	1928.....	3, 024, 544	1939.....	15, 454, 367
1918.....	451, 661	1929.....	3, 248, 264	1940.....	16, 741, 855
1919.....	809, 702	1930.....	3, 246, 656	1941.....	21, 050, 426
1920.....	1, 164, 976	1931.....	3, 619, 905	1942.....	10, 620, 265
1921.....	1, 171, 797	1932.....	3, 754, 596	1943 (June 30).....	8, 228, 220
1922.....	1, 216, 497	1933.....	3, 490, 540	1944 (June 30).....	7, 460, 185
1923.....	1, 463, 712	1934.....	6, 337, 206	1945 (June 30).....	8, 546, 316
1924.....	1, 670, 908	1935.....	7, 676, 490	1946 (June 30).....	16, 094, 834
1925.....	2, 054, 922	1936.....	11, 989, 793	1947.....	25, 265, 229
1926.....	2, 314, 955	1937.....	15, 133, 432		

Source: Department of the Interior, National Park Service; Annual Report of the Secretary, and records.

No. 194.—LANDS UNDER JURISDICTION OF OFFICE OF INDIAN AFFAIRS—ACREAGE,  
BY STATES: 1881 TO 1945

[Taxable lands included in years prior to 1945. Figures for 1945 are for nontaxable lands only]

STATE	1881	1900	1911	1933	Jan. 1, 1945 <sup>1</sup>			
					Total	Trust allotted	Tribal	Govern- ment owned
Acres, total.	155, 632, 312	78, 372, 185	71, 646, 796	52, 651, 393	55, 362, 949	16, 795, 528	37, 250, 920	1, 316, 501
Arizona.....	3, 092, 720	15, 150, 757	17, 358, 746	18, 657, 984	19, 457, 374	263, 996	19, 152, 712	40, 666
Arkansas.....				80	95	95		
California.....	415, 841	406, 396	437, 629	625, 354	548, 408	75, 302	456, 211	16, 895
Colorado.....	12, 467, 200	483, 750	556, 561	443, 751	730, 513	25, 830	704, 109	574
Florida.....		23, 062	23, 542	125, 880	80, 028		80, 028	
Idaho.....	2, 748, 981	1, 364, 500	770, 706	803, 239	864, 610	446, 400	378, 171	40, 039
Iowa.....	692	2, 965	3, 251	3, 361	1, 806	1, 059	669	78
Kansas.....	137, 747	28, 279	273, 408	34, 821	36, 423	33, 710	1, 697	1, 016
Michigan.....	66, 332	8, 317	153, 910	20, 233	26, 397	15, 349	7, 026	4, 022
Minnesota.....	5, 026, 447	1, 566, 707	1, 480, 647	549, 320	863, 028	170, 509	659, 961	32, 558
Mississippi.....				3, 863	15, 488		15, 280	208
Montana.....	29, 356, 800	9, 500, 700	6, 263, 151	6, 055, 009	6, 502, 211	5, 163, 777	1, 217, 967	120, 467
Nebraska.....	436, 252	74, 592	344, 375	69, 280	28, 073	14, 214	13, 706	153
Nevada.....	885, 015	954, 135	696, 749	866, 176	1, 141, 362	85, 865	1, 051, 382	4, 115
New Mexico.....	7, 228, 731	1, 667, 485	4, 520, 652	6, 188, 964	6, 717, 033	1, 002, 460	4, 938, 032	776, 541
New York.....	86, 366	87, 677	87, 677		86, 008	30	85, 978	
North Carolina.....	65, 211	98, 211	63, 211	57, 705	55, 784		55, 399	385
North Dakota.....	( <sup>2</sup> )	3, 701, 724	2, 786, 162	1, 034, 123	1, 091, 124	1, 003, 920	77, 504	9, 700
Oklahoma.....	41, 100, 915	26, 397, 237	22, 736, 473	2, 919, 886	2, 468, 770	2, 341, 356	73, 378	54, 036
Oregon.....	3, 853, 800	1, 300, 225	1, 719, 561	1, 718, 510	1, 733, 060	393, 430	1, 331, 834	7, 816
Pennsylvania.....					640		640	
South Dakota.....	36, 616, 448	8, 991, 791	7, 221, 939	5, 544, 424	5, 779, 684	4, 420, 621	1, 213, 559	145, 504
Texas.....					4, 351	1, 280		3, 071
Utah.....	2, 039, 040	2, 039, 040	291, 101	1, 571, 020	1, 874, 966	90, 895	1, 774, 486	9, 585
Washington.....	7, 079, 348	2, 333, 574	2, 948, 708	2, 712, 915	2, 722, 397	959, 050	1, 756, 558	6, 789
Wisconsin.....	586, 026	381, 061	590, 094	395, 919	452, 678	147, 071	264, 318	41, 289
Wyoming.....	2, 342, 400	1, 810, 000	318, 543	2, 249, 576	2, 080, 618	139, 309	1, 940, 315	994

<sup>1</sup> Total acres for 1946 are as follows: Total (nontaxable lands only), 56,567,458; trust allotted, 17,142,896; tribal, 37,523,662; government owned, 1,900,900.

<sup>2</sup> Dakota Territory.

<sup>3</sup> Excludes ceded lands amounting to 1,472,000 acres. All other years include ceded land.

Source: Department of the Interior, Office of Indian Affairs; Statistical Supplement to Annual Report of Commissioner of Indian Affairs.

## 8. Labor Force, Employment, and Pay Rolls

The various series of labor statistics covered in this section may be classified as of one of two types and these types differ somewhat in concept and purpose. One type of labor statistics is obtained by the "population approach," and includes data from the Census of Population and the Current Population Survey of the Bureau of the Census. These surveys involve an enumeration of individual persons and obtain information on employment activity from workers or members of their households. Each employed worker is counted only once, even though he may have held two or more jobs during a given period. The population approach permits a direct enumeration not only of employed persons but also of unemployed workers, the self-employed, domestic servants, service trade workers, and others who are not found on the pay rolls of any establishment.

The second type of labor statistics is obtained by the "establishment approach," and includes data from the monthly series of the Bureau of Agricultural Economics of the Department of Agriculture and of the Bureau of Labor Statistics. These data are similar to those provided by the Census of Manufactures and other industrial censuses in that they are based on reports from employers; i. e., farms, businesses, or industrial establishments. In adding together reports of different employers the establishment approach counts twice or more any worker who works for two or more employers during a given pay-roll period, but permits a better analysis of such data as wages, hours, labor turn-over, and industry affiliation which can be more accurately obtained from employers' records than by inquiries directed to a worker or a member of his household. Because the coverage of all employees of an establishment in a single report provides information on a large number of workers in a specific industry, the establishment approach is particularly adapted to the measurement of short-term changes in employment for many important industries. However, the methods usually used in the collection of statistics from establishments do not provide for adequate representation of new establishments coming into business and thus may yield estimates of employment that are subject to a cumulative bias which becomes more serious in the measurement of long term changes. It has been the practice to correct for this bias by periodic adjustment to "benchmark" data from industrial censuses, tabulations of employer reports obtained in connection with Social Security programs, and other sources. In manufacturing, this bias is anticipated by correcting the current figures on the basis of past experience.

The labor force as now commonly defined in surveys utilizing the population approach includes persons 14 years old and over who had a job or were seeking one during a specified week. (For detailed definitions of various work status classes, see footnotes to table 195.) Population censuses earlier than 1940 used instead a concept of "gainful workers." This differed from the labor force concept in that it included all persons 10 years old and over who reported a gainful occupation, regardless of whether or not they were working or seeking work at the time of the census, and excluded in general new job seekers without previous experience in a gainful occupation.<sup>1</sup> The Decennial Census of Population provides detailed data for the United States as a whole and for each State, city, and other area, including personal characteristics (sex, age, color, etc.) of the labor force, the numbers employed and unemployed, the number

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<sup>1</sup> See Estimates of Labor Force, Employment, and Unemployment in the United States, 1940 and 1930, Sixteenth Census of Population. Table 196 in the Abstract presents 1940 and 1930 data adjusted insofar as possible to a comparable basis.



reporting themselves in each occupation and in each industry, and other items. The data presented from the Monthly Report on the Labor Force include national totals, by sex and age, of the number of persons in the civilian labor force, the number employed in nonagricultural industry, the number employed in agriculture, the number unemployed, and the number of nonworkers. Data on hours of work are also provided. The report is based on the Census Bureau's Current Population Survey, a monthly enumeration of approximately 25,000 households throughout the United States.

The establishment-type series are available for both agricultural and nonagricultural employment. Agricultural employment estimates have been issued since 1909 by the Department of Agriculture. These estimates are obtained by means of monthly mail returns from crop reporters.

The monthly estimates of employment in nonagricultural establishments prepared by the Bureau of Labor Statistics are based on voluntary reports from about 150,000 establishments in 154 manufacturing industries and in selected nonmanufacturing industries, supplemented by data from other government agencies and adjusted at intervals to data from tabulations of reports under Social Security programs. These estimates exclude proprietors of unincorporated businesses, self-employed persons, domestic servants, and unpaid family workers, most of whom cannot be easily covered by the establishment approach. Persons in the armed forces are also excluded. Estimates are available for total employment for the major industry divisions, for 20 manufacturing groups, and for selected nonmanufacturing industries. Employment data as well as indexes of employment and pay rolls, average weekly hours, and average weekly and hourly earnings are available in greater detail for production and related workers in manufacturing, mining, power laundries, and cleaning and dyeing industries, and for non-supervisory employees and working supervisors in other nonmanufacturing industries.

For government and certain other segments of employment, the employment reports of the Bureau of Labor Statistics are supplemented by data from the Interstate Commerce Commission, the Maritime Commission, the Civil Service Commission, the Bureau of the Census, and other agencies.

Labor turn-over estimates are published monthly by the Bureau of Labor Statistics for 64 industries in 19 major divisions in manufacturing, and for selected nonmanufacturing industries, on the basis of voluntary reports from 9,000 firms. There are a number of significant differences between the turn-over data and the Bureau of Labor Statistics employment and pay-roll reports. The turn-over data now relate to all employees whereas the employment and pay-roll estimates for detailed industries refer generally to production and related workers only. The turn-over series are based on data covering the entire month rather than the pay-roll period ending nearest the middle of the month. Further, in the turn-over series the establishments are now classified according to current industry, while the prewar industrial classification has been maintained in the employment and pay-roll statistics.

Statistical data on work stoppages due to labor-management disputes cannot be collected in the same fashion as other labor information since such stoppages are sporadic and cannot be covered by a routine periodic reporting service. The basic measures in strike statistics as now compiled by the Bureau of Labor Statistics are the number of stoppages, the number of persons on strike, and the number of man-days of idleness involved. Questionnaires are sent to all parties concerned in each strike (employers, unions, and any interested outside agent, such as a conciliator) to obtain detailed and authentic information. From the data given on the schedules, the Bureau prepares annual reports (published in the May Monthly Labor Review and later in bulletin form) which give not only the complete and verified total figures for each month of the year but also analyses on strikes by industry, State, city, and by causes, results, labor organizations involved, and other pertinent classifications.



[illegible]

Incidents & persons at work—persons who worked for pay or profit or were employed to work in the U.S. in 1940 in private work or emergency Federal, State, or local government work or engaged in their own or a family farm or in a family business; and persons with a job but not a wage or salary who actually at work and not seeking work during the week of Mar. 24-30, 1940, but with jobs, no income, or personal or household work which they were temporarily absent because of vacation, illness, industrial dispute, that exceeded 1 week with definite instructions to return to work on a specified date. The category "unemployed persons on public emergency work" includes not only employees but also proprietors, partners, other self-employed persons, and unpaid family workers.

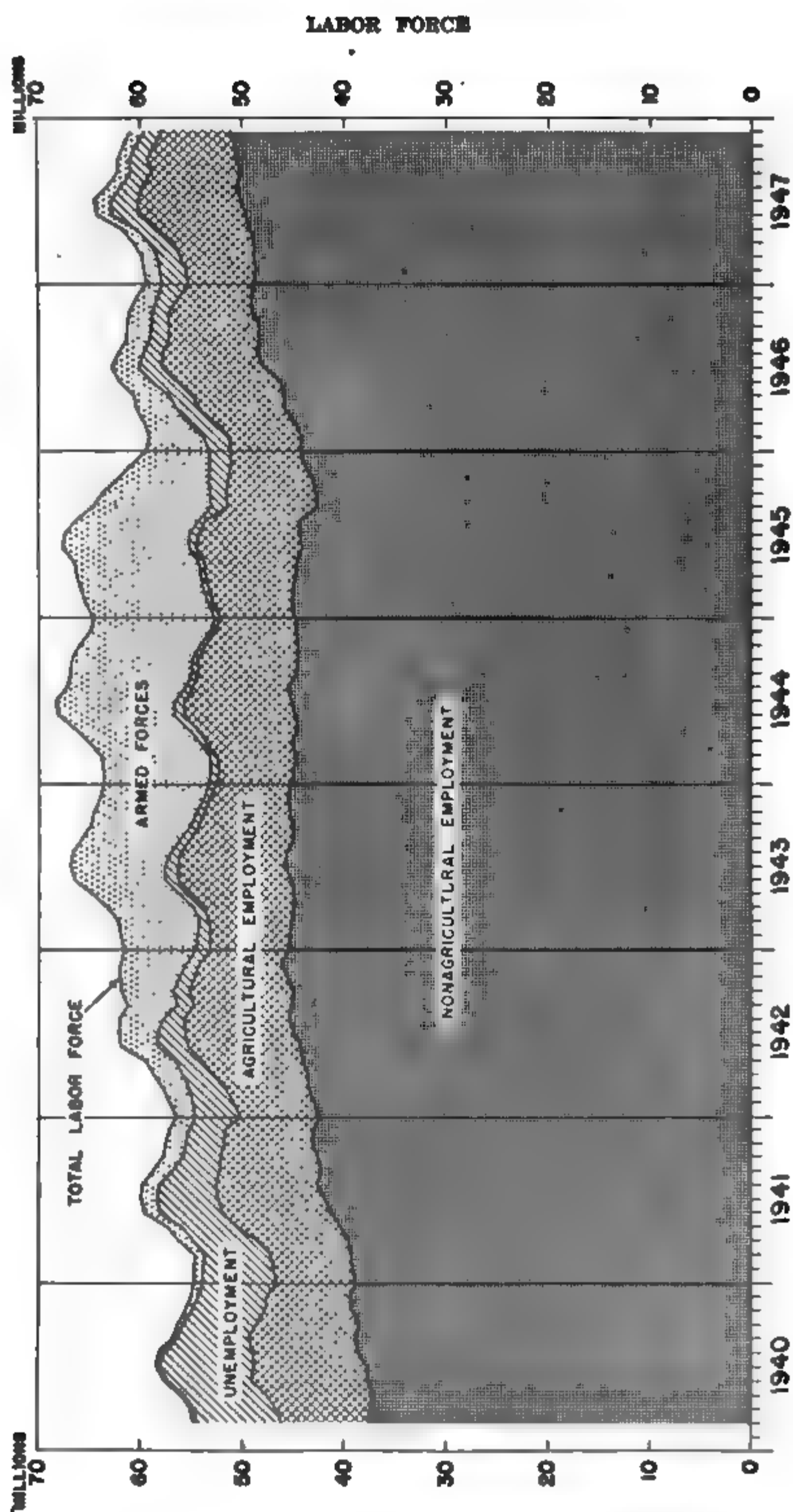
<sup>1</sup> Includes persons who, during the week of Mar. 24-30, 1940, were at work out of season for public emergency work projects conducted by the Work Projects Administration (WPA), the National Youth Administration (NYA), the Civilian Conservation Corps (CCC), or State or local work relief agencies. In the interpretation of the data for persons on public emergency work, allowance must be made for the undercounting in the census returns of considerable numbers of public emergency workers. The number of persons reported in the census as on public emergency work in the United States was 2,39,044, whereas the number recorded on the pay rolls of the Federal emergency work agencies at about the time of the census was 2,444,140 including the NYA Student Work Program, and 3,377,978 including that program. The most common type of misclassification was the reporting of the emergency workers as *At work*. Persons on the NYA Student Work Program were very frequently reported as in school and not in the labor force. There is also evidence that a considerable number of emergency workers were classified as *Seeking work*.

<sup>1</sup> Includes persons without work of any sort in the week of Mar. 24-30, 1944, who were working week starting that week. This category is composed of both experienced and new workers, the latter being persons who had not previously worked full time for 1 month or more.

Source: Department of Commerce, Bureau of the Census, Statistical Census Reports, Population, Vol. III

FIGURE G.—LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT: 1940 TO 1947

[Persons 14 years old and over not in institutions. See tables 200 and 201]



Source: Department of Commerce, Bureau of the Census.

**No. 196.—ESTIMATED NUMBER OF PERSONS IN THE LABOR FORCE, 1930, AND ADJUSTED NUMBER IN THE LABOR FORCE, 1940, BY EMPLOYMENT STATUS, BY AGE AND SEX**

[Figures in thousands. Figures for 1930 in this table are estimates according to the 1940 employment status classification. An allowance was made in each age group for persons whose age was not reported in the 1930 census. Figures for 1940 in this table show data adjusted to take account of the misclassification of public emergency workers in the census returns (see note 2, table 195) and of persons whose employment status was not reported in the census. Since the data in this table are not available by occupation, industry, race, or other characteristics, or for areas other than the United States as a whole, it is necessary to use unadjusted figures for the labor force in 1940 and for gainful workers in 1930 and earlier years, as shown in tables 195, 197-199, 203-209.]

AGE AND SEX	1930					1940				
	Total in labor force	Em- ployed	Unemployed (seeking work)			Total in labor force <sup>1</sup>	Em- ployed	Unemployed <sup>1</sup>		
			Total	Ex- peri- enced work- ers	New work- ers			Total	On pub- lic emer- gency work <sup>1</sup>	Seeking work Experi- enced work- ers New work- ers
<b>Total, 14 and over.....</b>	47,464	44,363	2,451	2,228	213	53,299	45,333	7,461	3,042	4,122 787
<b>Male, 14 and over.....</b>	37,008	34,997	2,011	1,885	126	40,284	34,099	6,185	2,498	3,216 473
14 to 19.....	2,795	2,575	220	115	105	2,619	1,752	867	318	246 308
20 to 24.....	4,747	4,409	338	317	21	5,035	3,951	1,074	391	542 141
25 to 44.....	17,408	16,562	846	846	—	18,817	16,455	2,351	1,017	1,319 26
45 to 64.....	10,173	9,645	528	528	—	11,954	10,256	1,698	726	909 3
65 and over.....	1,795	1,716	79	79	—	1,859	1,674	185	46	139 —
<b>Female, 14 and over.....</b>	10,396	9,366	440	343	97	13,015	11,239	1,775	544	917 315
14 to 19.....	1,591	1,445	146	71	75	1,395	961	434	71	161 202
20 to 24.....	2,316	—	94	82	12	2,668	2,363	425	124	218 83
25 to 44.....	4,404	4,264	140	140	—	5,107	5,515	592	195	372 26
45 to 64.....	1,842	1,785	56	56	—	2,550	2,243	307	149	154 5
65 and over.....	243	239	4	4	—	275	257	18	6	12 —

<sup>1</sup> Excludes persons on the NYA Student Work Program.

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, Estimates of Labor Force, Employment, and Unemployment in the United States, 1940 and 1930.

**No. 197.—CLASS OF WORKER OF PERSONS IN THE EXPERIENCED LABOR FORCE (EXCEPT ON PUBLIC EMERGENCY WORK), BY EMPLOYMENT STATUS AND SEX: 1940**

[For definitions of employment status categories, see footnotes on table 195]

EMPLOYMENT STATUS AND SEX	Total	Private wage or salary workers	Govern- ment workers	Employers and own- account workers	Unpaid family workers
<b>EXPERIENCED LABOR FORCE (EXCEPT ON PUBLIC EMERGENCY WORK)</b>					
Male.....	37,400,786	24,520,590	2,834,213	9,017,522	1,037,461
Female.....	12,062,766	9,317,942	1,373,321	963,310	428,193
<b>EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORKS)</b>					
Male.....	34,027,906	21,656,899	2,533,554	8,818,829	1,018,623
Female.....	11,135,178	8,463,793	1,311,013	938,907	424,465
<b>SEEKING WORK, EXPERIENCED</b>					
Male.....	3,381,881	2,863,691	300,659	196,693	18,836
Female.....	944,868	854,189	62,308	34,408	3,718

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. III, Part I.

# No. 198.—GAINFUL WORKERS 14 YEARS OLD AND OVER, BY AGE AND SEX: 1900 TO 1930

[For estimates of persons in the labor force in 1930, and for adjusted labor force figures for 1940, see table 196]

YEAR AND AGE (YEARS)	POPULATION			GAINFUL WORKERS <sup>1</sup>					
	Total	Male	Female	Total	Male	Female	Percent of population		
							Total	Male	Female
<b>1900</b>									
Total, 14 and over.	51,435,154	26,413,739	25,021,415	28,232,610	23,163,149	5,114,461	55.0	87.7	26.4
14 and 15.	3,101,582	1,582,726	1,518,856	659,555	678,724	230,831	30.9	42.4	18.2
16 to 20.	7,554,565	3,716,714	3,837,851	4,093,392	2,835,425	1,257,967	54.2	76.8	32.3
21 to 44.	27,100,949	13,968,576	13,132,373	16,129,807	13,387,755	2,741,852	59.6	95.7	20.9
21 to 24.	5,803,522	2,888,931	2,914,591	3,587,704	2,859,226	896,478	61.8	93.1	30.8
25 to 44.	21,297,427	11,097,645	10,199,782	12,541,903	10,668,529	1,843,374	58.9	96.4	18.1
25 to 34.	12,065,480	6,234,864	5,830,616	7,162,189	5,993,847	1,168,342	59.2	96.3	19.9
35 to 44.	9,231,947	4,872,781	4,369,166	5,379,714	4,704,682	675,032	58.4	96.6	15.6
45 and over.	13,480,474	7,020,309	6,460,174	7,006,413	5,170,296	836,117	52.0	87.9	12.8
45 to 64.	10,399,978	5,464,832	4,935,094	5,803,970	5,106,440	697,530	55.8	93.4	14.1
45 to 54.	6,397,441	3,402,456	2,994,985	3,691,084	3,260,259	440,825	57.7	98.5	14.7
55 to 64.	4,002,535	2,062,424	1,940,111	2,112,886	1,856,181	256,705	52.8	90.0	13.2
65 and over.	3,080,496	1,555,418	1,525,080	1,202,443	1,063,856	138,587	39.0	68.4	9.1
Age unknown.	300,584	127,423	73,161	93,643	75,949	17,694	45.7	55.6	24.2
<b>1910</b>									
Total, 14 and over.	64,321,232	33,361,779	30,959,453	37,271,360	29,482,534	7,788,826	57.9	88.4	25.3
14 and 15.	3,569,347	1,798,449	1,770,898	1,094,249	744,109	350,140	30.7	41.4	19.8
16 to 20.	9,197,000	4,564,179	4,632,821	5,463,223	3,616,623	1,847,600	59.4	79.2	29.9
21 to 44.	34,181,292	17,849,843	16,331,449	21,565,176	17,262,209	4,302,969	62.1	96.7	26.3
45 and over.	17,378,613	9,149,308	8,229,305	9,148,710	7,880,593	1,268,117	52.7	85.9	15.7
<b>1920</b>									
Total, 14 and over.	74,144,443	37,953,960	36,190,483	41,236,185	32,806,478	8,429,707	55.6	86.4	23.9
14 and 15.	3,907,710	1,958,976	1,948,734	682,796	455,989	226,806	17.5	23.3	11.6
16 and 17.	3,828,131	1,902,867	1,925,264	1,712,648	1,103,456	609,192	44.7	58.0	31.6
18 and 19.	3,740,960	1,845,246	1,895,714	2,246,203	1,443,968	802,235	60.0	78.3	42.3
20 to 24.	9,277,021	4,527,045	4,749,976	5,930,467	4,121,392	1,809,075	63.9	91.0	38.1
25 to 44.	31,278,522	16,028,920	15,249,602	18,996,959	15,579,586	3,417,373	60.7	97.2	22.4
45 and over.	21,963,380	11,598,031	10,365,349	11,664,891	10,045,012	1,549,379	52.8	86.6	14.9
45 to 64.	17,030,165	9,114,960	7,915,205	9,904,654	8,552,176	1,352,479	58.2	93.8	17.1
65 and over.	4,933,215	2,483,071	2,450,144	1,680,737	1,492,837	196,900	34.3	60.1	8.0
Age unknown.		92,875	56,824	72,722	57,075	15,647	48.9	61.6	26.0
<b>1930</b>									
Total, 14 and over.	89,100,555	45,067,507	44,033,048	48,594,532	37,915,544	10,678,988	54.5	84.1	24.3
14 and 15.	4,678,064	2,361,134	2,316,930	431,790	298,482	133,308	9.2	12.6	6.8
16 and 17.	4,663,137	2,339,070	2,324,067	1,478,841	964,494	514,347	31.7	41.2	22.1
18 and 19.	4,593,279	2,264,107	2,329,172	2,542,213	1,599,768	942,445	55.3	70.7	40.5
20 to 24.	10,870,378	5,336,815	5,533,563	7,147,053	4,799,505	2,347,548	65.7	89.9	42.4
25 to 44.	36,152,869	18,238,285	17,914,584	22,323,544	17,776,868	4,546,676	61.7	97.5	25.4
25 to 34.	18,954,029	9,421,966	9,532,063	11,823,004	9,169,666	2,653,338	62.4	97.8	27.8
35 to 44.	17,198,840	8,816,319	8,382,521	10,500,540	8,608,202	1,892,338	61.1	97.6	22.6
45 and over.	29,048,786	14,496,280	13,552,506	14,626,720	12,445,298	2,181,322	52.1	85.9	16.1
45 to 64.	21,414,961	11,171,069	10,243,912	12,421,753	10,506,649	1,915,104	58.0	94.1	18.7
45 to 54.	13,018,083	6,803,669	6,214,514	7,831,161	6,565,135	1,266,026	60.2	96.5	20.4
55 to 64.	8,396,898	4,367,500	4,029,398	4,590,592	3,941,514	649,078	54.7	90.2	16.1
65 and over.	6,833,805	3,226,211	3,308,594	2,204,967	1,938,749	266,218	33.2	58.3	8.0
65 to 74.	4,720,809	2,409,459	2,311,150	1,869,944	1,643,133	226,811	39.6	65.2	9.8
75 and over.	1,913,196	915,752	997,444	335,023	295,616	39,407	17.5	32.3	4.0
Age unknown.	94,022	51,816	42,206	44,431	31,029	13,402	47.3	59.9	31.8

<sup>1</sup> Figures for 1900 to 1930 represent gainful workers, that is, persons reported as having a gainful occupation in which they earned money or a money equivalent, or in which they assisted in the production of marketable goods, regardless of whether they were working or seeking work at the time of the census. Figures are, therefore, not strictly comparable with those in the labor force for 1940, shown in table 196 and in following tables.

<sup>2</sup> Including data for age unknown.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. III.

**No. 199.—EMPLOYMENT STATUS OF THE POPULATION 14 YEARS OLD AND OVER, BY RACE AND SEX: 1940**

EMPLOYMENT STATUS AND SEX	All classes	White	Negro	Other races	PERCENT DISTRIBUTION			
					All classes	White	Negro	Other races
<b>TOTAL</b>								
Population (all ages) . . .	131,649,275	118,214,579	12,845,518	589,287	—	—	—	—
Persons 14 years old and over . . .	101,102,924	91,428,145	9,259,444	415,315	100.0	100.0	100.0	100.0
In labor force . . .	52,789,499	47,169,380	5,390,191	230,919	52.2	51.6	58.2	55.6
Employed (except public emergency work) . . .	45,165,083	40,495,089	4,479,068	191,926	44.7	44.3	48.4	46.2
At work . . .	44,045,137	39,455,085	4,403,794	186,258	43.6	43.2	47.6	44.8
With a job but not at work . . .	1,120,946	1,040,004	75,274	5,668	1.1	1.1	.8	1.4
On public emergency work (WPA, etc.) . . .	2,529,606	2,193,688	319,241	16,677	2.5	2.4	3.4	4.0
Seeking work . . .	5,093,810	4,490,612	590,882	22,316	5.0	4.9	6.4	5.4
Experienced workers . . .	4,326,469	3,780,251	528,909	20,309	4.3	4.1	5.7	4.9
New workers . . .	767,341	700,361	64,973	2,007	.8	.8	.7	.5
Not in labor force . . .	48,313,425	44,258,776	3,870,253	184,396	47.8	48.4	41.8	44.4
Engaged in own home housework . . .	28,931,889	26,824,351	2,024,215	93,303	28.6	29.3	21.9	20.1
In school . . .	9,013,342	8,211,090	747,716	54,536	8.9	9.0	8.1	13.1
Unable to work . . .	5,268,727	4,646,394	602,381	19,952	5.2	5.1	6.6	4.8
In institutions <sup>1</sup> . . .	1,176,993	1,006,090	163,045	5,858	1.2	1.1	1.8	1.4
Other and not reported . . .	3,928,494	3,568,851	332,896	26,747	3.9	3.9	3.6	5.0
<b>MALE</b>								
Population (all ages) . . .	69,641,592	59,448,548	6,269,838	344,006	—	—	—	—
Persons 14 years old and over . . .	60,553,748	48,823,031	4,474,211	256,506	100.0	100.0	100.0	100.0
In labor force . . .	30,944,340	26,167,556	3,582,005	194,609	79.0	78.9	80.1	75.9
Employed (except public emergency work) . . .	34,027,905	29,931,508	2,936,795	159,604	67.3	67.6	65.6	62.2
At work . . .	33,222,418	29,174,461	2,803,204	154,753	65.7	65.8	64.7	60.3
With a job but not at work . . .	806,487	767,045	43,591	4,851	1.6	1.7	1.0	1.9
On public emergency work (WPA, etc.) . . .	2,072,094	1,797,999	289,073	15,022	4.1	3.9	5.8	5.9
Seeking work . . .	3,844,241	3,438,061	386,137	20,043	7.6	7.5	8.6	7.8
Experienced workers . . .	3,381,881	3,015,968	347,388	18,525	6.7	6.6	7.8	7.2
New workers . . .	462,360	422,093	38,749	1,518	.9	.9	.9	.6
Not in labor force . . .	10,609,508	9,655,465	892,306	61,897	21.0	21.1	19.9	24.1
Engaged in own home housework . . .	267,125	244,958	21,360	898	.5	.5	.5	.4
In school . . .	4,863,630	4,220,287	343,372	29,971	9.1	9.2	7.7	11.7
Unable to work . . .	2,966,225	2,663,033	289,850	13,242	5.9	5.9	5.8	5.2
In institutions <sup>1</sup> . . .	767,474	637,570	125,195	4,709	1.5	1.4	2.8	1.8
Other and not reported . . .	2,013,054	1,890,617	142,420	13,017	4.6	4.1	3.2	5.1
<b>FEMALE</b>								
Population (all ages) . . .	65,607,683	58,766,322	6,596,486	244,861	—	—	—	—
Persons 14 years old and over . . .	50,549,176	45,605,134	4,785,233	158,809	100.0	100.0	100.0	100.0
In labor force . . .	12,845,269	11,001,823	1,807,186	36,250	25.4	24.1	37.8	22.8
Employed (except public emergency work) . . .	11,138,178	9,563,583	1,542,273	32,322	22.0	21.0	32.2	20.4
At work . . .	10,822,719	9,280,624	1,510,590	31,535	21.4	20.3	31.6	19.8
With a job but not at work . . .	315,459	282,059	31,693	817	.6	.6	.7	.5
On public emergency work (WPA, etc.) . . .	457,512	395,689	60,108	1,653	.9	.9	1.3	1.0
Seeking work . . .	1,249,669	1,042,551	204,745	2,273	2.5	2.3	4.3	1.4
Experienced workers . . .	944,588	764,253	179,521	1,784	1.9	1.7	3.7	1.1
New workers . . .	304,981	278,298	26,224	489	.6	.6	.6	.3
Not in labor force . . .	37,703,917	34,603,311	2,978,047	122,559	74.6	75.9	62.2	77.2
Engaged in own home housework . . .	28,664,744	26,579,393	2,002,946	82,405	56.7	58.3	41.9	61.9
In school . . .	4,419,712	3,990,803	404,344	24,563	8.7	8.8	8.4	13.5
Unable to work . . .	2,302,502	1,933,361	342,431	6,710	4.6	4.3	7.2	4.2
In institutions <sup>1</sup> . . .	409,519	370,520	37,850	1,149	.8	.8	.8	.7
Other and not reported . . .	1,907,440	1,709,234	190,478	7,730	3.6	3.7	4.0	4.9

<sup>1</sup> Inmates of penal and mental institutions and homes for the aged, infirm, and needy.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II.

# No. 200.—EMPLOYMENT STATUS OF THE NONINSTITUTIONAL POPULATION, BY SEX: 1940 TO 1947

[Thousands of persons 14 years old and over. Figures exclude inmates of specified institutions (see footnote, table 199). Unemployed persons include persons looking for work and persons on public emergency work projects. Data in tables 200-202, based on Current Population Survey (see Sampling Note p. 175), are not entirely comparable with those presented in tables 195-197, 199 and 203-209, which are based on reports of the 1940 census. For an explanation of differences, see Department of Commerce, Bureau of the Census; Current Population Reports—Labor Force Bulletin (Series P-60, No. 2)

ANNUAL AVERAGE OR MONTHLY ESTIMATE	Total	IN LABOR FORCE				NOT IN LABOR FORCE			
		Total including armed forces	Civilian Labor Force			Total	Keeping house	In school	Other
			Total	Em- ployed	Unem- ployed				
BOTH SEXES									
1940	100,290	56,030	55,640	47,520	8,120	44,200	(1)	(1)	(1)
1941	101,570	57,390	55,910	50,350	5,560	43,960	(1)	(1)	(1)
1942	102,460	60,230	56,410	53,760	2,650	42,230	28,690	6,370	7,170
1943	103,510	64,410	55,540	54,470	1,070	39,100	27,320	5,100	6,680
1944	104,480	65,890	54,630	53,960	670	38,590	27,350	4,540	6,700
1945	105,370	65,140	53,860	52,820	1,040	40,230	27,760	4,830	7,640
1946	106,370	60,620	57,520	55,260	2,270	45,560	31,020	6,260	8,170
1947	107,458	61,608	60,168	58,027	2,142	45,850	32,441	6,446	6,963
January	106,970	59,510	57,790	55,390	2,400	47,460	32,240	8,480	6,740
February	107,060	59,630	58,010	55,520	2,490	47,430	32,290	8,590	6,550
March	107,190	59,960	58,390	56,060	2,330	47,230	32,690	8,520	6,030
April	107,290	60,650	59,120	56,700	2,420	46,610	32,440	8,210	5,960
May	107,330	61,760	60,290	58,320	1,960	45,570	31,840	7,720	6,010
June	107,407	64,007	62,009	60,055	2,555	43,399	31,847	3,447	8,105
July	107,504	64,035	62,664	60,079	2,584	43,469	32,511	1,074	9,884
August	107,590	63,017	61,665	59,569	2,096	44,573	33,111	912	10,550
September	107,675	62,130	60,784	58,872	1,912	45,544	32,404	6,790	6,343
October	107,765	62,219	60,892	59,204	1,687	45,535	32,254	7,721	5,559
November	107,839	61,510	60,216	58,596	1,621	46,830	32,577	7,972	5,780
December	107,918	60,870	59,590	57,947	1,643	47,047	33,064	7,916	6,037
MALE									
1940	49,950	41,870	41,480	35,550	5,930	8,060	(1)	(1)	(1)
1941	50,420	42,740	41,270	37,350	3,920	7,690	(1)	(1)	(1)
1942	50,910	44,110	40,300	38,580	1,720	6,900	50	2,990	3,776
1943	51,390	45,600	36,840	36,270	570	5,790	60	2,230	3,480
1944	51,830	46,520	35,460	35,110	350	5,210	60	1,830	3,420
1945	52,120	45,870	34,830	34,210	620	6,250	40	2,070	4,140
1946	52,520	43,080	40,740	38,940	1,800	8,560	70	3,210	5,280
1947	52,935	44,694	43,272	41,877	1,596	8,243	60	3,437	4,744
January	52,790	43,560	41,850	39,610	1,950	9,230	50	4,300	4,680
February	52,830	43,700	42,100	40,090	2,010	9,130	60	4,560	4,510
March	52,820	43,900	42,440	40,690	1,850	8,830	60	4,470	4,300
April	52,840	44,310	42,800	40,900	1,900	8,530	70	4,190	4,270
May	52,870	44,620	43,170	41,750	1,420	8,250	70	3,940	4,240
June	52,901	45,839	44,460	42,753	1,707	7,082	53	1,966	5,051
July	52,943	46,213	44,861	43,071	1,789	6,730	49	722	6,959
August	52,978	45,874	44,540	43,022	1,518	7,104	69	667	6,368
September	53,014	44,881	43,551	42,158	1,393	8,132	49	3,534	4,549
October	53,045	44,764	43,443	42,200	1,183	8,290	50	4,121	4,119
November	53,080	44,426	43,146	41,972	1,176	8,655	63	4,265	4,306
December	53,113	44,166	42,892	41,653	1,239	8,956	81	4,296	4,576
FEMALE									
1940	50,300	14,160	14,160	11,970	2,190	36,140	(1)	(1)	(1)
1941	50,950	14,640	14,640	13,000	1,640	36,310	(1)	(1)	(1)
1942	51,560	16,120	16,110	15,170	940	35,430	28,640	3,390	3,400
1943	52,120	18,810	18,700	18,200	500	33,310	27,240	2,870	3,200
1944	52,650	19,370	19,170	18,860	320	33,260	27,290	2,710	3,280
1945	53,260	19,270	19,080	18,610	420	33,980	27,720	2,760	3,500
1946	53,830	16,840	16,780	16,310	470	36,990	30,960	3,150	2,890
1947	54,523	16,915	16,896	16,249	547	37,608	32,380	3,009	2,218
January	54,180	15,950	15,930	15,480	450	38,230	32,190	3,980	2,060
February	54,230	15,980	15,910	15,430	490	38,300	32,280	4,030	2,040
March	54,370	15,970	15,950	15,470	480	38,400	32,620	4,050	1,730
April	54,420	16,340	16,320	15,800	520	38,400	32,370	4,020	1,690
May	54,460	17,140	17,120	16,580	540	37,320	31,770	3,780	1,770
June	54,506	18,168	18,149	17,302	848	36,337	31,794	1,499	3,054
July	54,561	17,822	17,803	17,006	796	36,739	32,462	352	3,925
August	54,612	17,143	17,125	16,547	678	37,469	33,043	345	4,182
September	54,661	17,249	17,233	16,714	519	37,412	32,355	3,262	1,794
October	54,710	17,405	17,449	16,944	504	37,245	32,204	3,600	1,440
November	54,759	17,064	17,068	16,623	445	37,675	32,514	3,687	1,474
December	54,808	16,714	16,698	16,294	404	38,091	33,018	3,617	1,461

<sup>1</sup> Not available.

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-60, No. 2; monthly figures published in Series P-67.



## No. 201.—CIVILIAN LABOR FORCE, BY AGE AND SEX: 1942 TO 1947

[Thousands of persons 14 years old and over. For comparability with 1940 census data, see headnote, table 200]

ANNUAL AVERAGE OR MONTHLY ESTIMATE	MALE						FEMALE					
	Total all ages	14-19 years	20-24 years	25-44 years	45-64 years	65 and over	Total all ages	14-19 years	20-24 years	25-44 years	45-64 years	65 and over
1942.....	40,300	3,910	3,730	17,730	12,740	2,190	16,110	2,370	2,900	7,030	3,420	400
1943.....	36,840	3,710	2,030	15,700	13,080	2,320	18,700	2,930	3,120	8,190	3,970	490
1944.....	35,460	3,350	1,720	14,800	13,170	2,420	19,170	2,900	3,220	8,220	4,320	600
1945.....	34,830	2,950	1,650	14,510	13,260	2,460	19,030	2,720	3,190	8,230	4,410	490
1946.....	40,740	2,680	3,720	18,650	13,350	2,340	16,780	2,160	2,780	7,370	4,020	450
1947.....	43,272	3,073	4,629	19,669	13,496	2,376	16,896	2,067	2,716	7,416	4,263	445
January.....	41,860	2,500	4,210	19,490	13,400	2,260	15,930	1,850	2,570	7,140	3,940	420
February.....	42,100	2,470	4,370	19,570	13,370	2,320	15,910	1,790	2,670	6,900	4,080	380
March.....	42,440	2,590	4,480	19,590	13,440	2,340	15,950	1,720	2,710	6,990	4,110	420
April.....	42,800	2,760	4,540	19,610	13,500	2,390	16,320	1,820	2,680	7,220	4,150	440
May.....	43,170	3,000	4,650	19,660	13,450	2,410	17,120	1,900	2,700	7,560	4,430	440
June.....	44,460	3,950	4,863	19,746	13,478	2,424	18,149	2,890	2,838	7,703	4,603	444
July.....	44,861	4,223	4,901	19,768	13,513	2,456	17,803	2,681	2,767	7,486	4,456	443
August.....	44,340	3,932	4,911	19,728	13,539	2,412	17,125	2,405	2,708	7,391	4,187	439
September.....	43,561	3,069	4,711	19,803	13,587	2,382	17,233	2,059	2,712	7,722	4,237	504
October.....	43,443	2,902	4,649	19,840	13,630	2,422	17,449	2,074	2,807	7,816	4,277	475
November.....	43,148	2,816	4,643	19,793	13,536	2,360	17,068	1,973	2,701	7,641	4,296	457
December.....	42,892	2,649	4,625	19,787	13,491	2,338	16,698	1,971	2,628	7,362	4,256	483

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-50, No. 2; monthly figures published in Series P-57.

## Sampling Note

The sample used for the Current Population Survey (Monthly Report on the Labor Force) consists of approximately 25,000 households living in 125 counties and independent cities grouped in 68 areas. The chances are about 19 in 20 that the relative sampling variability of the estimated totals presented from the labor force survey are less than the following:

SEX	CIVILIAN LABOR FORCE			Not in the labor force
	Total	Employed	Unemployed	
	Percent	Percent	Percent	Percent
Both sexes.....	2	2	18	4
Male.....	2	2	18	4
Female.....	5	5	20	2

The percentages shown in this table represent the maximum differences to be expected between totals estimated from the sample and those that would have been obtained by a complete census following the same procedures. These percentages are themselves subject to variation in different time periods, particularly as the magnitudes being estimated change in level. Estimates of change from one month to the next are subject to somewhat smaller sampling variability for some of the items.

The sampling variability indicated above is illustrative of the variability that is to be expected for other subjects, such as urban-rural distributions, migration, occupation, education, marital status, race, family relationships, income, etc. For specific evaluation of the sampling variability relating to these subjects, see the original releases of the Bureau of the Census.

**No. 202.—PERSONS EMPLOYED IN AGRICULTURE AND IN NONAGRICULTURAL INDUSTRIES, BY HOURS WORKED DURING THE SURVEY WEEK: 1940 TO 1947**

[Thousands of persons 14 years old and over. Figures for employment in agriculture and in nonagricultural industries are not entirely comparable with figures shown in tables 208 and 209. See headnote, table 200]

ANNUAL AVERAGE OR MONTHLY ESTIMATE	Total	Worked 35 hours or more	Worked 15 to 34 hours	Worked 1 to 14 hours	With a job but not at work <sup>1</sup>
<b>PERSONS EMPLOYED IN AGRICULTURE</b>					
1940.....	9,540	7,960	1,210	200	270
1941.....	9,100	7,430	1,400	110	180
1942.....	9,280	7,600	1,330	140	90
1943.....	9,080	7,740	1,140	110	90
1944.....	8,950	8,970	1,610	160	210
1945.....	8,580	6,330	1,600	230	220
1946.....	8,320	6,250	1,600	210	200
1947.....	8,266	6,097	1,643	241	285
January.....	6,500	4,040	1,700	300	460
February.....	6,920	4,320	1,800	290	430
March.....	7,240	4,760	1,790	300	400
April.....	7,860	5,620	1,770	260	310
May.....	8,960	6,040	1,680	210	180
June.....	10,377	8,326	1,700	187	166
July.....	10,066	8,067	1,653	171	174
August.....	8,975	6,734	1,687	193	262
September.....	8,727	7,297	1,077	165	187
October.....	8,622	6,867	1,383	204	167
November.....	7,985	6,706	1,781	298	196
December.....	6,962	4,680	1,631	320	421
<b>PERSONS EMPLOYED IN NONAGRICULTURAL INDUSTRIES</b>					
1940.....	37,980	31,490	4,340	1,230	920
1941.....	41,250	35,240	4,070	1,120	820
1942.....	44,500	38,230	4,100	1,160	1,010
1943.....	45,390	39,690	3,510	1,060	1,130
1944.....	45,010	38,060	4,230	1,170	1,560
1945.....	44,240	36,540	4,540	1,370	1,760
1946.....	46,630	39,460	4,200	1,210	2,060
1947.....	49,761	41,538	4,627	1,407	2,188
January.....	48,890	41,500	4,280	1,400	1,710
February.....	48,600	40,760	4,090	1,440	1,720
March.....	48,620	40,680	4,880	1,500	1,760
April.....	48,840	40,120	4,820	1,570	2,330
May.....	49,370	41,330	4,780	1,550	1,710
June.....	49,678	41,747	4,632	1,243	2,166
July.....	50,013	39,602	4,630	1,150	4,631
August.....	50,594	41,068	4,574	1,224	3,726
September.....	50,145	42,796	3,988	1,312	2,060
October.....	50,583	43,102	4,534	1,391	1,556
November.....	50,609	42,616	3,147	1,470	1,376
December.....	50,985	43,144	4,674	1,631	1,534

<sup>1</sup> Includes persons who had a job or business, but who did not work at all during entire survey week because of illness, bad weather, vacation, labor dispute, or because of temporary lay-off with definite instructions to return to work within 30 days of lay-off. Excludes unpaid family workers.

Sources: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-50, No. 2; monthly figures published in Series P-57.

## EMPLOYMENT STATUS

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## No. 208.—EMPLOYMENT STATUS OF THE POPULATION 14 YEARS OLD AND OVER, BY STATES: 1940

[For definitions, see footnotes on table 193]

DIVISION AND STATE	Popula- tion 14 years old and over	IN LABOR FORCE								Not in labor force
		Total labor force		Employed (ex- cept on public emergency work)		On public emergency work		Seeking work		
		Number	Per- cent of pop- ulation	Number	Per- cent of labor force	Number	Per- cent of labor force	Number	Per- cent of labor force	
United States..	101,102,924	52,789,499	52.2	45,166,083	85.6	2,529,606	4.8	5,093,810	9.6	48,313,425
New England .....	5,693,807	3,614,654	54.0	3,060,127	84.7	171,108	4.7	383,419	10.6	3,979,153
Maine .....	641,795	330,421	51.5	279,036	84.4	12,307	3.7	39,078	11.8	311,374
New Hampshire ..	385,114	206,919	53.7	175,999	85.1	9,667	4.7	21,253	10.3	178,195
Vermont .....	273,342	141,407	51.7	125,092	88.5	6,188	4.4	10,127	7.2	151,035
Massachusetts ..	3,449,873	1,844,260	53.5	1,534,787	83.2	103,391	5.6	206,082	11.2	1,605,613
Rhode Island ..	568,354	321,644	56.6	264,723	82.3	17,279	5.4	39,642	12.5	246,710
Connecticut .....	1,376,329	770,003	56.0	680,490	88.4	22,276	2.9	67,237	8.7	605,326
Middle Atlantic ..	21,963,558	11,806,539	53.8	9,773,744	82.8	428,994	2.6	1,602,801	13.6	10,159,819
New York .....	10,915,285	5,962,199	54.6	4,974,518	83.4	171,212	2.9	816,469	12.7	4,953,086
New Jersey .....	3,356,059	1,857,340	55.4	1,569,059	84.5	77,411	4.2	210,870	11.4	1,497,719
Pennsylvania ..	7,693,214	3,986,000	51.8	3,230,167	81.0	180,371	4.5	575,462	14.4	3,707,214
E. North Central ..	20,877,417	10,811,317	51.8	9,256,812	85.6	578,636	5.4	975,870	9.0	10,066,180
Ohio .....	5,448,355	2,765,687	50.8	2,344,967	84.8	158,508	5.7	262,127	9.5	2,682,669
Indiana .....	2,665,328	1,331,378	50.0	1,161,703	86.5	73,128	5.5	106,552	8.0	1,333,950
Illinois .....	6,316,023	3,360,823	53.2	2,874,431	86.5	181,285	5.4	305,107	9.1	2,965,200
Michigan .....	4,036,893	2,128,877	52.7	1,824,963	85.8	102,047	4.8	198,877	9.4	1,911,016
Wisconsin .....	2,410,818	1,227,552	50.9	1,060,758	86.4	63,587	5.2	103,207	8.4	1,183,266
W. North Central ..	10,420,305	5,226,734	50.2	4,513,537	86.4	297,145	5.7	416,052	8.0	5,193,871
Minnesota .....	2,152,104	1,101,464	51.2	931,499	84.6	60,066	5.5	109,869	10.0	1,050,640
Iowa .....	1,969,091	967,869	48.9	862,781	90.1	33,470	3.5	61,618	6.4	1,001,222
Missouri .....	2,964,182	1,521,066	51.3	1,297,094	85.3	94,549	6.2	129,443	8.5	1,443,096
North Dakota ..	464,700	235,661	50.7	200,396	85.0	18,226	7.7	17,039	7.2	229,039
South Dakota ..	477,255	239,826	50.3	204,514	85.3	19,899	8.3	15,413	6.4	237,429
Nebraska .....	1,008,473	501,013	49.7	433,427	86.5	33,691	6.7	33,895	6.8	507,460
Kansas .....	1,394,500	669,815	48.0	583,826	87.2	37,214	5.6	48,775	7.3	724,685
South Atlantic ..	12,981,252	6,968,692	53.7	6,215,098	89.2	300,314	4.3	453,230	6.5	6,012,569
Delaware .....	210,343	114,260	54.3	102,627	89.8	2,922	2.6	8,711	7.6	90,083
Maryland .....	1,419,270	767,091	54.0	690,911	90.1	19,222	2.5	56,958	7.4	652,179
Dist. of Columbia ..	553,488	344,033	62.2	308,900	89.8	10,417	3.0	24,715	7.2	209,455
Virginia .....	1,965,637	1,031,289	52.5	933,058	90.5	32,319	3.1	65,912	6.4	934,348
West Virginia ..	1,349,250	634,957	47.1	519,094	81.8	44,445	7.0	71,415	11.2	714,293
North Carolina ..	2,491,830	1,333,773	53.5	1,208,690	90.6	52,826	4.0	72,257	5.4	1,158,057
South Carolina ..	1,302,753	730,780	56.1	661,073	90.5	40,828	5.6	28,879	4.0	572,003
Georgia .....	2,232,132	1,225,705	54.9	1,107,412	90.3	53,479	4.4	64,814	5.3	1,096,427
Florida .....	1,456,519	786,804	54.0	683,333	86.8	43,853	5.6	59,618	7.6	669,715
E. South Central ..	7,668,677	3,896,254	50.9	3,410,580	87.5	204,448	5.2	281,226	7.2	3,762,423
Kentucky .....	2,040,363	998,700	48.9	847,563	84.9	54,826	5.5	96,311	9.6	1,041,663
Tennessee .....	2,119,300	1,071,904	50.6	941,714	87.9	51,734	4.8	78,456	7.3	1,047,396
Alabama .....	1,979,481	1,017,188	51.4	893,848	87.9	55,906	5.5	67,434	6.6	962,203
Mississippi .....	1,519,533	808,462	53.2	727,455	90.0	41,982	5.2	39,025	4.8	711,071
W. South Central ..	9,547,782	4,822,529	50.5	4,152,180	86.1	270,396	5.6	399,953	8.3	4,725,253
Arkansas .....	1,387,930	678,859	48.9	583,944	86.0	47,797	7.0	47,118	6.9	709,071
Louisiana .....	1,710,446	884,164	51.7	771,142	87.2	41,572	4.7	71,450	8.1	826,282
Oklahoma .....	1,703,563	804,582	47.2	658,739	81.9	63,609	7.9	82,234	10.2	896,971
Texas .....	4,745,853	2,454,924	51.7	2,138,355	87.1	117,418	4.8	199,151	8.1	2,290,929
Mountain .....	3,045,790	1,525,476	50.1	1,261,254	82.7	109,043	7.1	155,173	10.2	1,521,330
Montana .....	427,421	224,994	52.6	185,564	82.5	16,339	7.3	23,091	10.3	202,427
Idaho .....	384,890	191,196	49.7	158,606	83.0	13,067	6.8	19,523	10.2	193,694
Wyoming .....	188,436	100,409	53.3	86,559	86.2	5,126	5.1	8,724	8.7	88,027
Colorado .....	855,116	421,493	49.3	349,735	83.0	31,808	7.5	39,980	9.5	433,628
New Mexico .....	359,779	177,908	49.4	140,269	78.8	16,166	9.1	21,473	12.1	181,871
Arizona .....	353,059	180,247	50.8	150,173	83.3	10,328	5.7	19,746	11.0	174,812
Utah .....	389,086	181,244	46.6	148,886	82.1	13,975	7.7	18,853	10.1	207,842
Nevada .....	87,003	47,979	55.1	41,462	86.4	2,234	4.7	4,283	8.9	39,024
Pacific .....	7,913,336	4,118,310	52.0	3,522,751	85.6	169,529	4.1	426,036	10.3	3,796,026
Washington .....	1,396,267	716,501	51.3	607,672	84.6	37,946	5.3	70,883	9.9	679,766
Oregon .....	875,553	453,382	51.8	389,798	86.0	19,508	4.3	44,076	9.7	422,171
California .....	5,641,516	2,948,427	52.3	2,525,281	85.6	112,069	3.8	311,077	10.6	2,698,089

Source: Department of Commerce, Bureau of the Census, Sixteenth Census Reports, Population, Vol. II.

## LABOR FORCE

No. 204.—MAJOR OCCUPATION GROUP OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY MAJOR INDUSTRY GROUP AND SEX: 1940

MAJOR INDUSTRY GROUP AND SEX	MAJOR OCCUPATION GROUP							
	Total	Professional and semi-professional workers	Proprietors, managers, and officials, incl. farm	Clerical, sales, and kindred workers	Craftsmen, foremen, and kindred workers	Operatives and kindred workers	Protective service workers	Service workers, except protective
<b>Males employed (except on public emergency work)</b>	<b>34,027,905</b>	<b>1,575,387</b>	<b>8,317,452</b>	<b>4,300,648</b>	<b>4,949,122</b>	<b>5,305,898</b>	<b>677,213</b>	<b>1,681,713</b>
Agriculture, forestry, and fishery	7,988,343	18,156	5,004,425	7,986	11,831	39,469	4,026	1,912
Mining	902,061	17,829	30,898	25,981	119,045	608,926	5,419	1,336
Construction	2,022,032	53,740	116,018	30,123	1,203,548	155,966	6,590	2,245
Manufacturing	8,250,690	290,365	440,786	983,307	1,993,477	2,980,157	77,683	74,812
Transportation, communication, and other public utilities	2,768,267	90,069	210,477	414,460	537,209	937,271	44,413	60,871
Wholesale and retail trade	5,509,228	104,067	1,785,380	1,644,934	247,691	897,039	16,842	481,342
Finance, insurance, and real estate	1,013,297	15,480	216,848	677,524	28,064	10,658	13,904	124,917
Business and repair services	787,377	26,083	96,792	58,029	458,789	84,122	8,786	14,924
Personal services	1,133,885	62,200	93,403	58,444	90,174	206,640	5,416	542,476
Amusement, recreation, and related services	316,063	70,323	84,483	19,205	13,726	32,533	3,230	81,767
Professional and related services	1,472,463	988,826	39,264	63,439	43,666	54,924	9,685	229,504
Government	1,414,069	124,982	200,451	292,817	71,056	44,201	477,861	32,921
Industry not reported	450,570	7,494	18,277	65,399	30,896	43,992	3,549	13,686
<b>Females employed (except on public emergency work)</b>	<b>11,126,178</b>	<b>1,469,661</b>	<b>576,419</b>	<b>3,156,962</b>	<b>106,536</b>	<b>2,946,379</b>	<b>4,321</b>	<b>2,256,401</b>
Agriculture, forestry, and fishery	487,069	429	152,740	6,960	145	2,261	42	1,624
Mining	10,939	210	406	7,921	177	1,806	23	832
Construction	34,242	338	1,114	24,270	5,491	603	24	300
Manufacturing	2,322,262	20,690	20,622	406,102	69,163	1,618,672	276	12,783
Transportation, communication, and other public utilities	345,086	4,849	6,258	312,164	2,798	7,352	261	7,416
Wholesale and retail trade	2,629,540	13,731	258,101	1,173,077	24,915	190,913	521	426,660
Finance, insurance, and real estate	454,300	2,320	40,902	363,625	645	490	190	44,670
Business and repair services	76,877	6,349	5,798	64,672	3,418	4,294	186	1,393
Personal services	2,876,762	21,163	32,162	63,762	5,105	264,511	98	2,491,967
Amusement, recreation, and related services	70,279	27,048	8,948	30,199	1,067	1,791	39	14,798
Professional and related services	1,845,128	1,314,836	16,762	281,147	2,320	24,655	305	201,807
Government	339,418	45,912	33,923	237,394	697	3,243	2,394	12,769
Industry not reported	238,266	1,777	2,784	106,699	659	4,877	39	7,661
<b>Occupation not reported</b>	<b>112,719</b>	<b>1,493</b>	<b>112,719</b>	<b>112,719</b>	<b>112,719</b>	<b>112,719</b>	<b>112,719</b>	<b>112,719</b>

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. III.

**No. 205.—DETAILED OCCUPATION OF PERSONS IN THE EXPERIENCED LABOR FORCE AND OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX: 1940**

["N. e. c." means not elsewhere classified. Persons in the experienced labor force comprise employed persons (except on public emergency work), persons on public emergency work, and workers seeking work who had formerly worked full time for 1 month or more, see footnotes on table 195. Occupation figures shown below for employed (except on public emergency work) refer to the occupation in which engaged during census week, and are based on complete census returns. Occupation figures for remaining experienced labor force groups, not shown separately in this table, refer to the occupation which the person regarded as his usual occupation and at which he was still physically able to work, and are based on Sample B, see p. 1. Figures for "Experienced labor force," therefore, represent a summation of figures for current and usual occupation based on complete census returns and Sample B, respectively.]

OCCUPATION	EXPERIENCED LABOR FORCE			EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORK)		
	Total	Male	Female	Total	Male	Female
<b>All occupations.....</b>	<b>52,820,023</b>	<b>39,445,945</b>	<b>12,574,076</b>	<b>45,166,083</b>	<b>34,027,906</b>	<b>11,138,176</b>
<b>Professional and semiprofessional workers.....</b>	<b>3,558,428</b>	<b>2,012,587</b>	<b>1,545,841</b>	<b>3,345,048</b>	<b>1,876,387</b>	<b>1,468,661</b>
Professional workers.....	3,048,472	1,609,298	1,439,174	2,881,592	1,511,118	1,370,474
Actors and actresses.....	19,232	11,611	7,621	11,692	6,931	4,761
Architects.....	21,976	21,479	497	20,376	19,899	477
Artists and art teachers.....	62,485	41,328	21,147	51,965	34,478	17,507
Authors, editors, and reporters.....	77,619	57,123	20,496	70,059	51,523	18,536
Authors.....	14,126	9,520	4,606	11,806	8,020	3,786
Editors and reporters.....	63,493	47,603	15,890	58,253	43,503	14,750
Chemists, assayers, and metallurgists.....	60,006	58,271	1,734	57,036	55,371	1,664
Clergymen.....	140,077	136,769	3,308	136,597	133,449	3,148
College presidents, professors, and instructors.....	75,647	55,723	20,124	75,007	55,123	19,884
Dentists.....	70,601	60,534	1,067	70,121	60,074	1,047
Civil engineers.....	80,042	88,611	231	80,363	80,171	191
Electrical engineers.....	55,667	55,443	224	53,267	53,103	164
Mechanical engineers.....	85,543	85,315	228	82,443	82,255	188
Other technical engineers.....	31,176	30,969	207	29,216	29,029	187
Chemical engineers.....	11,000	11,541	541	11,120	11,081	39
Industrial engineers.....	9,803	9,729	74	9,283	9,209	74
Mining and metallurgical engineers.....	9,773	9,699	74	8,813	8,739	74
Lawyers and judges.....	180,483	176,036	4,447	177,643	173,456	4,187
Musicians and music teachers.....	161,536	95,290	66,256	129,256	69,800	59,456
Osteopaths.....	6,067	4,965	1,102	6,007	4,905	1,102
Pharmacists.....	63,167	79,831	3,336	78,347	76,131	3,216
Physicians and surgeons.....	165,629	157,921	7,708	164,649	157,041	7,608
Social and welfare workers.....	75,197	26,828	48,369	69,677	24,868	44,809
Teachers, n. e. c. (incl. county agents).....	1,076,001	269,141	806,860	1,030,001	253,581	776,440
Teachers, n. e. c.....	1,065,280	263,016	802,264	1,019,760	247,716	772,044
County agents and farm demonstrators.....	10,721	6,125	4,596	10,241	5,845	4,396
Trained nurses and student nurses.....	371,066	8,169	362,897	355,786	7,509	348,277
Veterinarians.....	10,957	10,858	99	10,717	10,638	79
Other professional workers.....	129,099	67,883	61,216	120,359	62,803	57,556
Librarians.....	38,607	4,061	34,546	36,347	3,801	32,546
Professional workers, n. e. c.....	90,492	63,822	26,670	84,012	59,002	25,010
<b>Semiprofessional workers.....</b>	<b>509,356</b>	<b>403,289</b>	<b>106,067</b>	<b>463,456</b>	<b>364,269</b>	<b>99,187</b>
Dancers, showmen, and athletes.....	54,254	37,707	16,547	45,074	31,147	13,927
Athletes.....	9,162	8,870	292	7,182	6,990	192
Dancers, dancing teachers, and chorus girls.....	13,773	2,940	10,833	11,213	2,180	9,033
Showmen.....	6,773	5,733	1,040	5,333	4,493	840
Sports instructors and officials.....	34,546	20,164	4,382	21,346	17,484	3,862
Designers and draftsmen.....	111,806	101,380	10,425	100,925	91,820	9,105
Designers.....	23,614	14,743	8,871	21,334	13,643	7,691
Draftsmen.....	88,191	86,637	1,554	79,591	78,177	1,414
Surveyors.....	16,444	16,343	101	13,344	13,343	101
<b>Other semiprofessional workers.....</b>	<b>327,453</b>	<b>247,859</b>	<b>79,594</b>	<b>304,113</b>	<b>228,059</b>	<b>76,054</b>
Aviators.....	6,299	6,248	51	5,879	5,828	51
Chiropractors.....	10,869	8,938	1,931	10,629	8,758	1,871
Funeral directors and embalmers.....	39,590	37,416	2,174	37,970	35,856	2,114
Healers and medical serv. workers, n. e. c.....	20,575	10,626	9,950	19,555	10,045	9,510
Optometrists.....	10,357	9,882	475	10,237	9,762	475
Photographers.....	37,941	32,578	5,363	33,791	29,076	4,623
Radio and wireless operators.....	11,573	11,456	117	10,393	10,296	97
Religious workers.....	35,172	9,118	26,054	34,672	8,798	25,874
Technicians and assistants, lab.....	67,168	44,567	22,601	62,998	41,487	21,511
Technicians, except laboratory.....	8,089	7,267	821	7,348	6,567	781
Semiprofessional workers, n. e. c.....	80,131	69,894	10,237	70,781	61,584	9,197
<b>Farmers and farm managers.....</b>	<b>5,302,774</b>	<b>5,148,685</b>	<b>154,089</b>	<b>5,143,614</b>	<b>4,991,716</b>	<b>151,898</b>
Farmers (owners and tenants).....	5,265,271	5,112,024	153,247	5,106,711	4,956,634	150,077
Farm managers.....	37,503	26,661	882	36,903	35,082	821

**No. 205.—DETAILED OCCUPATION OF PERSONS IN THE EXPERIENCED LABOR FORCE AND OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX: 1940—Continued**

OCCUPATION	EXPERIENCED LABOR FORCE			EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORK)		
	Total	Male	Female	Total	Male	Female
Proprietors, managers, and officials, exc. farm	3,354,187	3,423,187	421,860	3,749,287	3,325,767	423,520
Conductors, railroad	47,465	47,465		46,185	46,185	
Postmasters, and misc. govt. officials	239,813	204,857	34,956	232,273	198,877	33,396
Inspectors, United States	17,396	17,001	395	17,006	16,641	365
Inspectors, State	13,929	13,455	473	13,309	12,856	453
Inspectors, city	12,294	12,018	276	11,804	11,568	236
Inspectors, county and local	1,254	1,220	34	1,214	1,190	24
Officials, United States	61,894	57,940	3,954	58,014	54,840	3,174
Officials, State	20,767	19,011	1,756	20,247	18,531	1,716
Officials, city	28,754	25,096	3,658	28,134	24,576	3,558
Officials, county and local	44,685	35,616	9,069	43,926	35,956	7,970
Postmasters	39,160	22,499	16,661	38,620	22,239	16,381
Other specified mgrs. and officials	362,047	287,028	65,019	335,387	272,448	62,939
Advertising agents	35,692	31,950	3,742	33,712	30,110	3,602
Buyers and dept. heads, store	72,436	54,116	18,321	69,516	51,985	17,531
Country buyers and shippers of livestock and other farm prod.	40,416	29,867	549	38,516	28,007	500
Credit men	31,110	27,387	3,723	29,950	26,307	3,643
Floormen and floor mgrs., store	7,173	4,982	2,221	6,873	4,672	2,201
Mgrs. and supts., building	70,942	41,734	29,208	68,882	40,394	28,488
Officers, pilots, purser, and engineers, ship	35,185	35,088	117	31,075	30,978	97
Officials, lodge, society, union, etc.	25,764	21,359	4,405	25,304	21,079	4,225
Purchasing agts. and buyers, n. e. c.	33,389	30,626	2,763	31,559	28,966	2,593
Props., mgrs., and officials n. e. c., by industry:						
Mining	32,001	31,607	394	30,941	30,447	394
Construction	125,666	124,438	1,228	114,996	113,996	1,000
Manufacturing	428,328	410,046	18,282	420,368	402,506	17,862
Trans., commun., and utilities	142,184	136,172	5,962	140,134	134,232	5,902
Railroads (incl. repair shops)	32,242	31,961	281	31,842	31,561	281
Street railways and bus lines	5,827	5,663	164	5,707	5,543	164
Taxicab service	2,892	2,759	133	2,832	2,699	133
Trucking service	27,163	26,324	839	26,683	25,864	819
Warehousing and storage	7,599	7,414	185	7,419	7,234	185
Miscellaneous transportation	13,308	12,791	517	12,943	12,461	482
Communication	23,361	20,110	3,251	23,261	20,030	3,231
Utilities	29,747	29,150	597	29,447	28,850	597
Wholesale trade	240,686	233,614	7,072	234,326	227,334	6,992
Eating and drinking places	273,163	267,059	6,104	265,583	260,519	5,064
Retail trade, exc. eating and drinking places	1,433,762	1,270,383	163,379	1,404,322	1,242,323	161,999
Food stores, exc. dairy products	484,157	417,757	66,400	473,377	406,517	66,860
Dairy prod. stores and milk retail	22,082	20,210	1,872	21,682	19,810	1,872
General merchandise stores	96,040	82,405	13,635	94,120	80,585	13,535
Limited price variety stores	18,214	15,309	2,905	17,954	15,049	2,905
Apparel and access., exc. shoes	84,730	56,204	28,526	83,150	54,884	28,266
Shoe stores	20,824	19,903	921	20,544	19,623	921
Furniture and house furnishings	37,214	34,711	2,503	36,664	34,151	2,503
Household appliance and radio	21,963	21,033	930	21,578	20,648	930
Motor vehicles and access. retail	80,906	79,752	1,154	79,876	78,632	1,244
Filling stations	183,655	178,617	5,038	180,815	175,497	5,318
Drug stores	20,380	17,631	2,749	20,180	17,691	2,489
Hardware and farm implement stores	47,087	45,505	1,582	46,607	45,045	1,562
Lumber and bldg. material retail	50,713	49,209	1,504	50,063	48,569	1,494
Liquor stores	17,555	16,330	1,225	17,375	16,150	1,225
Retail florists	15,114	11,002	4,112	14,774	10,662	4,112
Jewelry stores	19,267	17,907	1,360	18,987	17,687	1,300
Fuel and ice retailing	45,706	44,406	1,300	44,566	43,266	1,300
Miscellaneous retail stores	106,712	90,073	16,639	104,532	88,093	16,439
Not specified retail trade	61,473	52,019	9,454	59,033	49,719	9,314
Finance, insurance, and real estate	190,608	178,188	12,420	186,968	174,668	12,300
Banking and other finance	126,109	118,747	7,362	122,009	115,667	6,342
Insurance	39,735	36,903	2,832	39,475	36,643	2,832
Real estate	25,764	22,538	3,226	25,484	22,338	3,146
Business and repair services	88,231	83,869	4,362	86,591	82,288	4,303
Business services	20,797	17,601	3,196	20,437	17,281	3,156
Automobile storage, rental, and repair services	61,712	60,802	910	60,497	59,602	895
Misc. repair serv. and hand trades	5,722	5,465	257	5,602	5,405	197
Personal services	136,387	94,092	42,295	123,237	91,572	31,665
Hotels and lodging places	66,885	45,056	21,829	64,556	43,198	21,358
Laundry, cleaning, and dyeing	53,694	44,554	9,140	52,954	43,914	9,040
Miscellaneous personal services	5,738	4,482	1,256	5,738	4,462	1,276



**No. 205.—DETAILED OCCUPATION OF PERSONS IN THE EXPERIENCED LABOR FORCE AND OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX: 1940—Continued**

OCCUPATION	EXPERIENCED LABOR FORCE			EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORK)		
	Total	Male	Female	Total	Male	Female
<b>Proprietors, managers, etc.—Continued</b>						
Misc. industries and services	123,856	114,290	19,576	128,086	108,970	19,116
Theaters and motion pictures	26,841	25,430	1,411	25,141	23,750	1,391
Misc. amusement and recreation	44,003	41,492	2,511	42,003	39,612	2,391
Other industries and services	41,399	28,568	12,831	40,559	27,928	12,631
Industry not reported	21,623	18,800	2,823	20,383	17,680	2,703
<b>Clerical, sales, and kindred workers</b>	<b>8,270,270</b>	<b>4,791,688</b>	<b>3,478,582</b>	<b>7,517,630</b>	<b>4,369,648</b>	<b>3,148,982</b>
<b>Clerical and kindred workers</b>	<b>6,061,416</b>	<b>2,471,153</b>	<b>2,610,263</b>	<b>4,612,356</b>	<b>2,236,863</b>	<b>2,375,563</b>
Baggage men, express messengers, and railway mail clerks	23,436	28,209	137	27,876	27,750	117
Baggage men, transportation	6,099	6,099		6,959	6,959	
Express messengers and ry. mail clks.	22,337	22,200	137	21,917	21,800	117
Bookkeepers, accountants, cashiers, and ticket agents	971,685	493,786	477,899	895,965	447,806	448,159
Bookkeepers, accts., and cashiers	931,306	455,633	475,673	856,448	410,243	446,205
Ticket, station, and express agts.	40,377	38,153	2,214	39,517	37,563	2,154
Mail carriers	122,910	121,366	1,544	120,770	119,246	1,524
Messengers, except express	77,856	74,084	3,772	68,276	65,544	2,732
Messengers, errand, and office boys and girls	60,740	57,776	2,964	54,360	51,830	2,530
Telegraph messengers	16,616	16,308	308	13,916	13,708	208
Office machine operators	64,178	6,104	65,074	59,738	8,294	51,444
Shipping and receiving clerks	229,737	220,609	9,128	209,337	200,669	8,668
Stenographers, typists, and secretaries	1,174,886	78,463	1,096,421	1,056,896	68,805	988,091
Telephone operators	42,562	34,114	8,448	39,782	31,554	8,228
Telephone operators	208,319	11,267	197,052	199,899	10,897	189,002
Other clerical and kindred workers	2,151,347	1,400,069	751,278	1,934,027	1,258,889	675,138
Agents, n. e. c.	92,341	83,460	8,881	88,641	80,040	8,601
Attendants and assistants, library	20,203	3,635	16,568	8,983	1,856	7,027
Attendants, physicians' and dentists' offices	31,209	1,507	29,702	20,309	1,387	18,922
Collectors, bill and account	43,990	40,494	3,496	41,680	38,374	3,306
Clerical and kindred wkrs. n. e. c.	1,973,604	1,271,073	702,531	1,785,404	1,134,933	650,471
<b>Salesmen and saleswomen</b>	<b>3,188,654</b>	<b>2,320,435</b>	<b>868,219</b>	<b>2,905,274</b>	<b>2,123,796</b>	<b>781,478</b>
Canvassers and solicitors	96,394	78,295	18,099	90,094	72,995	17,099
Hucksters and peddlers	56,695	54,197	2,498	50,695	48,357	2,338
Newshoys	50,730	55,633	1,097	54,370	53,313	1,057
Insurance agents and brokers	249,322	236,001	13,321	239,142	226,061	13,081
Real estate agents and brokers	116,990	106,318	10,672	111,110	100,856	10,254
Other sales agents and brokers	656,511	641,844	14,667	614,311	600,884	13,427
Auctioneers	3,537	3,354	183	3,277	3,134	143
Salesmen, finance, brokerage, and commis'n firms	20,307	19,887	420	18,707	18,327	380
Traveling salesmen and sales agts.	432,667	618,603	14,064	592,327	579,422	12,904
Other salesmen and saleswomen	1,956,212	1,148,149	808,063	1,743,552	1,021,329	722,223
"Clerks" in stores	525,591	306,276	219,315	473,171	271,890	201,281
Demonstrators	10,521	1,818	8,703	8,961	1,558	7,403
Salesmen and saleswomen, n. e. c.	1,420,100	840,061	580,039	1,263,420	747,881	515,539
<b>Craftsmen, foremen, and kindred workers</b>	<b>6,952,482</b>	<b>5,830,832</b>	<b>1,121,650</b>	<b>6,055,722</b>	<b>4,949,132</b>	<b>1,106,590</b>
Bakers	144,296	133,779	10,517	129,056	119,039	10,017
Blacksmiths, forgemen, and hammermen	67,166	66,894	272	72,246	72,034	212
Boilermakers	32,962	32,909	73	27,662	27,589	73
Cabinetmakers and pattern makers	91,670	91,103	767	81,670	81,263	607
Cabinet makers	58,837	58,358	479	50,597	50,236	361
Pattern and model makers, exc. paper	33,033	32,747	286	31,073	31,027	246
Carpenters	766,213	763,878	2,335	558,313	556,918	1,395
Compositors and typesetters	174,312	166,307	8,005	158,072	150,647	7,425
Electricians	227,102	226,286	816	197,222	196,526	696
<b>Foremen n. e. c., by industry</b>	<b>576,204</b>	<b>534,314</b>	<b>41,890</b>	<b>522,404</b>	<b>486,614</b>	<b>35,790</b>
Construction	74,663	74,274	389	45,523	45,394	129
Manufacturing	302,457	270,851	31,606	289,977	262,851	27,126
Food and kindred products	30,355	26,839	3,516	29,175	25,919	3,256
Textiles, textile prod., and apparel	49,073	32,878	16,195	43,759	31,298	12,461
Lumber, furniture, and lumber prod.	23,473	22,975	498	22,493	22,015	478
Paper, paper prod., and printing	19,489	17,281	2,208	16,909	16,741	2,068
Chemicals and petroleum and coal prod.	22,485	21,175	1,310	22,185	20,895	1,290
Metal industries	112,939	110,264	2,675	110,499	107,924	2,575
Manufacturing industries n. e. c.	44,663	39,439	5,224	43,063	38,659	4,404
Trans., commun., and utilities	95,679	94,966	713	93,079	92,366	713
Railroads (incl. repair shops)	49,673	49,472	101	48,013	47,912	101
Street railways and bus lines	4,203	4,183	20	4,163	4,143	20
Miscellaneous transportation	11,498	11,418	80	11,118	11,088	30
Communication	8,474	8,263	211	8,374	8,183	221
Utilities	21,931	21,640	291	21,411	21,120	291

**No. 205.—DETAILED OCCUPATION OF PERSONS IN THE EXPERIENCED LABOR FORCE AND OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX: 1940—Continued**

OCCUPATION	EXPERIENCED LABOR FORCE			EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORK)		
	Total	Male	Female	Total	Male	Female
Craftsmen, foremen, and kindred workers—Continued						
Foremen, n. e. o., by industry—Continued						
Misc. industries and services	103,403	94,233	9,182	93,625	86,003	7,622
Mining	28,244	28,183	61	25,484	25,445	41
Wholesale and retail trade	31,951	29,302	2,649	30,931	28,422	2,509
Business and repair services	6,164	5,952	212	6,104	5,892	212
Personal services	7,400	4,594	2,806	7,000	4,314	2,686
Government	10,629	10,231	598	9,809	9,411	398
Other industries and services	11,493	9,580	1,913	9,653	8,040	1,613
Industry not reported	7,324	6,381	943	8,844	8,481	363
Inspectors, n. e. o., by industry	74,334	69,525	4,809	70,604	66,125	4,479
Mining	7,313	7,294	19	6,973	6,954	19
Construction	5,190	5,076	114	4,450	4,338	114
Railroads (incl. repair shops)	29,496	29,421	75	28,336	28,261	75
Transportation, exc. railroads	5,226	5,145	81	5,066	5,005	81
Communication and utilities	8,249	7,414	835	8,040	7,234	815
Wholesale and retail trade	5,300	3,382	1,918	4,820	3,162	1,658
Misc. industries and services <sup>1</sup>	13,660	11,793	1,767	12,680	11,173	1,707
Locomotive engineers	72,396	72,396		69,496	69,496	
Locomotive firemen	48,851	48,851		43,851	43,851	
Machinists, millwrights, and tool makers	661,673	653,906	5,687	609,773	604,706	5,067
Machinists	521,093	516,009	5,084	477,373	472,769	4,604
Millwrights	43,595	43,426	169	39,555	39,566	89
Tool and die makers and setters	96,885	96,471	414	92,745	92,371	374
Masons, tile setters, and stonecutters	156,976	156,369	607	102,436	102,089	347
Brickmasons, stonemasons, and tile setters	141,690	141,184	506	93,330	93,024	306
Stonecutters and stone carvers	14,286	14,205	81	8,106	8,065	41
Mechanics and repairmen, and loom fixers	974,352	969,551	4,801	863,732	859,491	4,241
Mechanics and repairmen, airplane	28,384	28,267	117	20,724	20,607	117
Mechanics and repairmen, auto	441,845	440,316	1,529	376,985	375,796	1,189
Mechanics and repairmen, railroad and car shop	43,996	43,996		40,218	40,218	
Mechanics and repairmen, n. e. o.	435,431	432,372	3,059	397,391	394,562	2,829
Loom fixers	24,694	24,598	96	22,414	22,318	96
Molders, metal	87,624	87,179	445	75,904	75,559	345
Painters (construct.), paperhangers, and glaziers	480,301	475,172	5,129	354,231	350,372	3,859
Painters, constr. and maintenance	442,659	439,348	3,311	322,159	319,948	2,211
Paperhangers	29,994	28,277	1,717	25,414	23,877	1,537
Glaziers	7,648	7,547	101	6,648	6,547	101
Plasterers and cement finishers	79,560	79,196	374	52,140	51,926	214
Plasterers	52,878	52,652	226	38,958	38,792	166
Cement and concrete finishers	26,682	26,534	148	13,182	13,184	48
Plumbers, and gas and steam fitters	210,815	210,105	710	173,915	173,365	550
Printing craftsmen, exc. compositors and typesetters	65,569	65,470	1,099	61,649	60,830	1,019
Electrotypers and stereotypers	8,251	8,173	78	7,971	7,893	78
Photoengravers and lithographers	22,541	22,048	493	20,981	20,548	433
Pressmen and plate printers	35,777	35,249	528	32,897	32,369	528
Rollers and roll hands, metal	30,447	30,299	148	26,547	26,439	108
Roofers and sheet metal workers	124,313	123,775	540	104,136	103,715	420
Roofers and slaters	32,720	32,592	128	24,520	24,432	88
Tinsmiths, coppermiths, and sheet metal workers	91,593	91,183	412	79,615	79,283	332
Shoemakers and repairers (not in factory)	65,675	65,029	646	60,195	59,609	586
Stationary engineers, crane men, and hoistmen	320,285	319,252	1,033	286,125	285,352	773
Stationary engineers	200,095	199,459	636	184,256	183,739	516
Crane men, hoistmen, and constr. machinery operators	120,190	119,793	397	101,870	101,613	257
Structural and ornamental metal workers	38,631	38,369	262	27,951	27,769	182
Tailors and furriers	135,952	118,052	17,890	121,492	105,022	16,470
Tailors and tailoresses	118,797	103,080	15,717	107,577	92,880	14,697
Furriers	17,155	14,982	2,173	13,915	12,142	1,773
Other craftsmen and kindred wkrs.	224,681	211,846	12,835	204,521	192,766	11,755
Decorators and window dressers	29,818	23,086	6,732	27,258	21,106	6,152
Engravers, exc. photoengravers	8,571	7,902	669	7,871	7,242	629
Heat treaters, annealers, and temperers	10,877	10,802	75	10,197	10,123	75
Inspectors, scalers, and graders, log and lumber	16,568	16,156	402	14,478	14,116	362

<sup>1</sup> Most inspectors in manufacturing industries are classified as operatives.

**No. 205.—DETAILED OCCUPATION OF PERSONS IN THE EXPERIENCED LABOR FORCE AND OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX: 1940—Continued**

OCCUPATION	EXPERIENCED LABOR FORCE			EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORK)		
	Total	Male	Female	Total	Male	Female
<b>Craftsmen, foremen, and kindred workers—Con.</b>						
Other craftsmen and kindred workers—Con.						
Jewelers, watchmakers, goldsmiths, and silversmiths.	36,332	34,837	1,496	33,202	31,957	1,245
Millers, grain, flour, feed, etc.	15,608	15,527	81	14,748	14,667	81
Opticians and lens grinders and polishers	12,196	11,187	1,011	11,698	10,707	991
Piano and organ tuners.	5,219	5,174	45	4,839	4,794	45
Sawyers.	46,915	46,604	311	42,135	41,864	271
Upholsterers.	42,585	40,571	2,014	38,045	36,191	1,854
<b>Operatives and kindred workers<sup>1</sup></b>	<b>3,476,587</b>	<b>7,125,998</b>	<b>2,351,499</b>	<b>8,252,377</b>	<b>4,295,898</b>	<b>2,046,379</b>
Apprentices	92,360	89,767	2,593	84,080	81,807	2,273
Carpenters' apprentices	7,428	7,363	65	5,528	5,480	48
Electricians' apprentices	3,430	3,408	24	3,070	3,046	24
Machinists' apprentices	14,198	14,125	73	13,578	13,505	73
Plumbers' apprentices	5,311	5,178	133	4,631	4,518	113
Bldg. and hand trade apps., n. e. c.	14,161	14,084	77	12,841	12,764	77
Apprentices, printing trades	10,020	9,780	240	9,360	9,140	220
Apprentices, spec. trades, n. e. c.	20,324	24,725	1,609	24,174	23,745	1,429
Apprentices, trades not specified	11,478	11,104	374	10,896	10,604	294
Attendants, filling station, parking lot, garage, and airport	234,095	230,089	4,006	213,315	209,449	3,866
Brakemen and switchmen, railroad.	116,732	116,732		107,433	107,433	
Brakemen, railroad	68,392	68,392		62,652	62,652	
Switchmen, railroad	48,340	48,340		44,780	44,780	
Chauffeurs, truck drivers, and deliverymen	1,768,041	1,758,012	10,029	1,508,421	1,490,972	8,449
Chauffeurs and drivers, bus, taxi, truck, and tractor <sup>2</sup>	1,339,888	1,332,717	7,171	1,121,108	1,115,157	5,951
Deliverymen <sup>2</sup>	428,153	425,295	2,858	387,313	384,815	2,498
Conductors, bus and street railway	17,785	17,611	174	16,905	16,761	144
Dressmakers and seamstresses (not in factory).	165,081	2,784	162,297	135,961	2,324	133,637
Firemen, exc. locomotive and fire dept.	127,455	126,892	563	112,995	112,612	383
Laundry operatives and laundresses, exc. priv. family	233,763	54,096	179,667	216,263	48,296	167,967
Line men and servicemen, telegraph, telephone and power	110,816	109,801	1,015	104,496	103,501	995
Mine operatives and laborers <sup>3</sup>	824,098	821,546	2,552	651,013	649,226	1,787
Motormen, railway, mine, factory, etc.	56,368	56,101	267	53,698	53,261	437
Motormen, street, subway, and elevated railway	38,360	38,152	208	36,760	36,572	188
Motormen (vehicle), mine, factory, logging camp, etc.	17,988	17,949	39	16,748	16,709	39
Painters, exc. constr. and maintenance	100,726	93,848	6,878	80,026	82,768	6,258
Power station operators	22,345	21,725	620	21,906	21,285	620
Sailors and deck hands, except U. S. Navy	45,078	45,661	217	35,358	35,221	137
Welders and flame-cutters.	139,281	137,048	2,233	124,741	122,688	2,053
Other specified operatives and kindred wkrs.	476,811	438,016	38,795	424,551	390,056	34,495
Asbestos and insulation workers.	6,399	6,324	75	5,539	5,464	75
Blasters and powdermen	6,938	6,905	33	4,498	4,485	13
Boatmen, canalmen, and lock keepers	7,395	7,304	91	6,735	6,664	71
Buffers and polishers, metal	45,035	42,809	2,226	39,635	37,609	2,026
Filers, metal	10,952	10,467	485	9,472	9,027	445
Grinders, metal	45,902	45,266	636	42,462	41,846	616
Chainmen, rodmen, and axmen, surveying	10,572	10,493	79	7,572	7,553	19
Dyers	24,898	24,134	764	21,978	21,334	644
Fruit and veg. graders and packers, exc. cannery.	25,965	10,993	14,972	22,125	9,333	12,792
Furnacemen, smeltermen, and pourers	33,932	33,645	287	30,472	30,225	247
Heaters, metal	11,081	10,925	156	9,221	9,065	156
Meat cutters, exc. slaughter and packing house	156,893	155,788	1,104	141,072	140,068	1,004
Milliners (not in factory)	12,375	690	11,685	11,135	669	10,465
Motion picture projectionists	23,873	23,619	254	22,345	22,099	246
Oilers, machinery	39,498	39,263	235	35,638	35,543	95
Photographic process workers	15,108	9,271	5,831	14,422	8,951	5,471

<sup>1</sup> Mine laborers are included in "Mine operatives and laborers," in this group.

<sup>2</sup> Drivers for bakeries, laundries, dry cleaners, stores, etc., are included in "Deliverymen."

**No. 205.—DETAILED OCCUPATION OF PERSONS IN THE EXPERIENCED LABOR FORCE AND OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX: 1940—Continued**

OCCUPATION	EXPERIENCED LABOR FORCE			EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORK)		
	Total	Male	Female	Total	Male	Female
<b>Operatives and kindred workers—Con.</b>						
<b>Operatives and kindred wks., n. e. c. by industry</b>						
Manufacturing	4, 418, 973	2, 580, 914	1, 838, 060	3, 899, 623	2, 303, 054	1, 596, 570
Food and kindred products	356, 588	226, 198	130, 390	313, 068	200, 298	112, 770
Bakery products	43, 507	21, 653	21, 854	39, 637	19, 473	20, 164
Beverage industries	44, 846	37, 720	6, 625	40, 585	34, 580	6, 005
Canning and preserv'g fruits, veg., and sea food	48, 732	17, 433	31, 300	35, 712	12, 953	22, 759
Confectionery	49, 014	16, 924	32, 090	41, 694	13, 904	27, 790
Dairy products	36, 872	31, 133	5, 739	33, 952	28, 613	5, 339
Grain-mill products	16, 295	13, 783	2, 512	15, 195	12, 903	2, 292
Meat products	89, 736	70, 032	19, 704	81, 496	62, 072	19, 424
Miscellaneous food industries	28, 087	17, 520	10, 567	24, 647	14, 900	9, 747
Tobacco manufactures	82, 563	25, 345	57, 218	71, 893	20, 225	51, 668
Cotton manufactures	383, 250	204, 235	179, 015	355, 850	188, 606	167, 244
Silk and rayon manufactures	88, 463	41, 345	47, 118	75, 983	33, 925	42, 058
Woolen and worsted manufactures	125, 124	65, 306	59, 818	103, 764	52, 226	51, 538
Knit goods	186, 063	63, 067	123, 026	171, 903	56, 887	115, 016
Other textile-mill products	128, 539	76, 051	51, 588	114, 799	63, 011	51, 788
Dyeing and finishing textiles	26, 131	20, 146	5, 985	23, 691	18, 208	5, 483
Carpets, rugs, and other floor coverings	23, 815	16, 436	12, 380	26, 775	15, 175	11, 600
Hats, except cloth and millinery	16, 660	11, 966	4, 694	14, 879	10, 446	4, 433
Miscellaneous textile goods	20, 554	10, 281	10, 273	18, 794	9, 461	9, 333
Not specified textile mills	36, 498	13, 123	13, 286	30, 699	14, 723	15, 976
Apparel and other fabricated textile products	728, 843	153, 162	575, 681	578, 663	130, 832	447, 831
Apparel and accessories	690, 466	145, 062	545, 414	549, 457	123, 672	425, 785
Misc. fabricated textile product	38, 377	8, 100	30, 277	29, 206	7, 160	22, 046
Lumber, furniture, and lumber products	195, 978	109, 424	26, 554	174, 498	150, 344	24, 154
Sawmills and planing mills	63, 439	60, 962	1, 467	56, 229	54, 923	1, 307
Furniture and store fixtures	78, 062	67, 061	11, 011	68, 932	59, 061	9, 871
Miscellaneous wooden goods	55, 487	41, 411	14, 076	49, 267	36, 371	12, 896
Paper, paper prod., and printing	231, 238	147, 617	83, 421	212, 998	136, 637	76, 361
Pulp, paper, and paperboard mills	91, 040	73, 797	17, 243	86, 280	70, 117	16, 163
Paperboard containers and boxes	40, 160	19, 535	20, 625	36, 240	17, 655	18, 585
Misc. paper and pulp products	24, 658	10, 823	13, 832	23, 095	9, 963	13, 132
Printing, publishing, and allied ind.	75, 383	43, 662	31, 721	67, 383	38, 882	28, 501
Chemicals, and petroleum and coal products	158, 989	124, 028	34, 961	149, 449	117, 068	32, 381
Paints, varnishes, and colors	12, 358	10, 600	1, 758	11, 438	9, 840	1, 598
Rayon and allied products	30, 653	20, 269	10, 407	29, 303	19, 266	10, 037
Miscellaneous chemical industries	82, 322	60, 106	22, 214	76, 642	56, 286	20, 356
Petroleum refining	29, 237	28, 751	486	28, 037	27, 571	466
Misc. petroleum and coal products	4, 429	4, 313	116	4, 129	4, 013	116
Rubber products	86, 109	62, 418	23, 691	78, 229	55, 758	22, 471
Footwear industries, exc. rubber	221, 815	123, 924	97, 891	197, 975	106, 724	91, 251
Leather and leather products, except footwear	89, 572	52, 807	37, 765	70, 712	43, 947	26, 765
Leather: tanned, curried, and finished	32, 276	28, 240	4, 036	27, 976	24, 360	3, 616
Leather products, exc. footwear	48, 296	24, 567	23, 729	42, 736	21, 587	21, 149
Stone, clay, and glass products	125, 616	99, 045	26, 573	113, 618	88, 165	25, 453
Cement, and concrete, gypsum, and plaster products	13, 667	13, 622	245	12, 767	12, 522	245
Cut-stone and stone products	5, 594	5, 507	87	4, 294	4, 227	67
Glass and glass products	57, 133	44, 234	12, 899	51, 013	33, 854	17, 159
Pottery and related products	26, 417	16, 099	9, 318	23, 977	14, 899	9, 078
Structural clay products	12, 629	11, 120	1, 509	11, 049	9, 500	1, 549
Misc. nonmetallic mineral products	10, 978	8, 463	2, 515	10, 418	8, 102	2, 316
Iron and steel, and not spec. metal industries	340, 744	295, 117	45, 627	306, 404	263, 637	42, 767
Blast furnaces, steel works, and rolling mills	117, 989	112, 674	5, 315	104, 719	99, 984	4, 735
Tin cans and other tinware	13, 603	7, 121	6, 472	12, 373	6, 321	6, 052
Misc. iron and steel industries	197, 738	165, 804	31, 934	179, 638	149, 594	30, 044
Not specified metal industries	11, 454	9, 518	1, 936	9, 774	8, 066	1, 708
Nonferrous metals and their prod.	80, 560	58, 869	21, 691	73, 560	52, 849	20, 711
Nonferrous metal primary prod.	19, 011	16, 658	2, 353	17, 961	16, 698	1, 263
Clocks, watches, jewelry, and silverware	23, 766	19, 843	12, 923	29, 666	17, 408	12, 258
Misc. nonferrous metal products	38, 773	22, 068	6, 705	25, 933	16, 743	9, 190

<sup>1</sup> Includes metal engraving (except for printing purposes), plating, and polishing.

**No. 205.—DETAILED OCCUPATION OF PERSONS IN THE EXPERIENCED LABOR FORCE AND OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX: 1940—Continued**

OCCUPATION	EXPERIENCED LABOR FORCE			EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORK)		
	Total	Male	Female	Total	Male	Female
<b>Operatives and kindred workers—Con.</b>						
Operatives and kindred workers, n. e. c., by industry—Con.						
Manufacturing—Con.						
Machinery	305,441	217,043	91,298	282,701	198,523	84,178
Agric. machinery and tractors	20,311	19,510	801	19,091	18,310	781
Electrical machinery and equip.	152,472	82,792	69,680	137,832	74,282	63,550
Office and store machines, equip., and supplies	22,081	15,880	6,201	21,201	14,940	6,261
Miscellaneous machinery	112,977	98,861	14,116	104,577	91,041	13,536
Automobiles and automobile equip.	219,029	191,263	27,766	199,169	173,268	25,898
Transportation equip., exc. auto.	64,978	62,922	2,056	60,896	58,683	1,914
Aircraft and parts	26,390	25,238	1,152	25,570	24,478	1,092
Ship and boat bldg. and repairing	27,327	27,051	276	25,887	25,111	776
Railroad and misc. trans. equip.	11,259	10,633	626	9,639	9,093	546
Other manufacturing industries	225,451	129,938	104,513	193,631	104,138	89,493
Scientific and photographic equip. and supplies	28,687	17,475	11,212	27,367	16,515	10,762
Misc. mfg. industries	126,221	65,513	60,708	110,001	57,013	52,988
Not spec. mfg. industries	70,643	37,950	32,693	56,483	30,510	25,973
Nonmanufacturing	525,844	424,275	101,569	452,684	368,175	84,509
Agriculture, forestry, and fishery	19,406	15,801	3,604	14,585	12,381	2,204
Construction	54,994	54,652	342	39,294	39,012	282
Railroads (incl. repair shops)	67,589	67,098	491	61,629	61,216	413
Street railways and bus lines	9,275	9,278	97	8,935	8,828	97
Trucking service	2,169	2,168	99	1,706	1,663	43
Warehousing and storage	6,042	4,894	1,148	5,062	4,004	1,078
Miscellaneous transportation	8,348	8,092	256	7,568	7,332	236
Communication	2,060	1,856	204	2,000	1,796	204
Utilities	23,437	22,906	441	22,457	22,016	441
Wholesale and retail trade	152,094	102,604	49,490	125,074	91,304	43,770
Automobile storage, rental, and repair services	19,099	18,904	195	16,319	16,164	155
Business and misc. repair services	19,079	16,603	2,476	17,039	14,783	2,256
Laundring, cleaning, and dyeing	74,847	48,985	25,862	68,307	44,185	24,122
Hotels and misc. personal serv.	7,643	5,917	1,726	6,763	5,137	1,626
Finance, insurance, and real estate	4,868	4,560	308	4,186	3,929	256
Amusement, recreation, and related services	7,221	6,634	587	6,061	5,594	467
Professional and related services	12,317	6,950	5,367	7,677	5,780	1,947
Government	13,066	10,265	2,800	12,168	9,685	2,480
Industry not reported	22,197	16,095	6,102	15,817	11,416	4,402
<b>Domestic service workers</b>	<b>2,349,394</b>	<b>161,411</b>	<b>2,187,983</b>	<b>2,111,314</b>	<b>142,231</b>	<b>1,969,083</b>
Housekeepers, private family	306,160	3,129	303,031	365,320	2,889	362,431
Laundresses, private family	108,392	3,609	104,783	189,592	3,409	186,183
Servants, private family	1,754,842	154,673	1,600,169	1,558,402	135,938	1,422,464
<b>Protective service workers</b>	<b>714,594</b>	<b>709,873</b>	<b>4,721</b>	<b>681,534</b>	<b>677,218</b>	<b>4,321</b>
Firemen, fire department	78,822	78,822	—	77,782	77,782	—
Guards and watchmen	236,299	233,604	2,695	212,259	210,004	2,255
Guards, watchmen, and doorkeepers	219,437	217,073	2,364	195,967	193,833	2,134
Watchmen (crossing) and bridge tenders	16,862	16,531	331	16,292	16,171	121
Policemen, sheriffs, and marshals	176,968	174,762	2,206	171,568	169,502	2,066
Policemen and detectives, govt.	130,958	129,977	981	127,858	126,977	881
Policemen and detectives, exc. govt.	20,879	20,147	732	19,279	18,587	692
Marshals and constables	8,987	8,857	130	8,727	8,617	110
Sheriffs and bailiffs	16,164	15,781	383	15,704	15,321	383
Soldiers, sailors, marines, and coast guards <sup>a</sup>	222,485	222,485	—	219,925	219,925	—
<b>Service workers, exc. domestic and protective</b>	<b>3,115,740</b>	<b>1,719,702</b>	<b>1,396,038</b>	<b>2,776,894</b>	<b>1,519,482</b>	<b>1,257,412</b>
Barbers, beauticians, and manicurists	440,111	221,979	218,132	416,031	209,489	206,542
Boarding house and lodginghouse keepers	111,609	10,774	100,835	110,649	10,494	100,155
Charwomen, janitors, and porters	630,724	549,419	81,305	575,624	499,519	76,105
Charwomen and cleaners	74,670	34,517	40,153	67,710	30,857	36,853
Janitors and sextons	377,684	338,643	39,041	352,434	315,103	37,331
Porters	178,370	176,259	2,111	155,480	153,559	1,921
Cooks, except private family	335,806	203,176	132,630	276,648	160,838	115,810
Elevator operators	85,266	71,280	13,986	76,806	64,120	12,686
Housekeepers, stewards, hostesses, exc. priv. family	88,375	19,934	68,441	79,175	16,834	62,341
Practical nurses and midwives	109,287	4,949	104,338	91,107	3,904	87,199
Servants, except priv. family	353,213	161,899	191,314	316,153	141,429	174,724

<sup>a</sup> Excludes commissioned officers, professional and clerical workers, and craftsmen.

**No. 205.—DETAILED OCCUPATION OF PERSONS IN THE EXPERIENCED LABOR FORCE  
AND OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX:  
1940—Continued**

OCCUPATION	EXPERIENCED LABOR FORCE			EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORK)		
	Total	Male	Female	Total	Male	Female
<b>Service workers, etc. domestic and protective—Continued</b>						
Waiters and bartenders .....	733,280	323,934	409,346	640,490	281,354	359,136
Bartenders .....	126,342	125,122	3,220	113,702	110,602	2,100
Waiters and waitresses, exc. priv. family .....	604,908	198,812	406,096	526,788	170,752	356,036
Other service wkr., exc. domestic and protective .....	228,099	152,398	75,701	193,919	132,086	61,831
Attendants, hospital and other institution .....	102,189	57,487	44,702	93,549	54,307	41,242
Attendants, profess. and personal serv., n. e. c. .....	33,005	13,347	19,658	24,465	10,627	13,838
Attendants, recreation and amusement .....	57,096	50,492	6,604	41,516	39,052	2,464
Bootblacks .....	15,377	15,005	372	14,237	13,945	292
Ushers, amusement place or assembly .....	20,432	15,067	4,365	18,152	14,127	4,025
<b>Farm laborers and foremen</b>	<b>3,530,450</b>	<b>3,190,685</b>	<b>339,665</b>	<b>3,090,010</b>	<b>2,770,006</b>	<b>320,006</b>
Farm laborers (wage workers) and farm foremen .....	2,337,310	2,223,784	113,526	1,924,890	1,828,164	96,726
Farm foremen .....	25,275	24,980	295	24,475	24,240	235
Farm laborers (wage wkr.) .....	2,312,035	2,198,804	113,231	1,900,415	1,803,924	96,491
Farm laborers (unpaid family wkr.) .....	1,193,240	967,101	226,139	1,165,120	941,841	223,279
<b>Laborers exc. farm and mine</b>	<b>4,612,268</b>	<b>4,490,673</b>	<b>121,595</b>	<b>3,064,128</b>	<b>2,965,693</b>	<b>98,435</b>
Fishermen and oystermen .....	62,574	62,136	438	55,274	54,876	398
Longshoremen and stevedores .....	75,103	74,681	422	63,543	63,241	302
Lumbermen, raftsmen, and woodchoppers .....	164,264	163,697	567	127,884	127,497	387
Other specified laborers .....	265,594	263,124	2,469	234,134	232,194	1,940
Garage laborers and car washers and greasers .....	59,444	58,996	448	51,864	51,456	408
Gardeners, except farm, and groundskeepers .....	174,807	172,665	1,852	147,167	145,755	1,412
Teamsters .....	31,643	31,423	160	25,103	24,983	120
<b>Laborers, n. e. c., by industry:</b>						
Construction .....	1,243,534	1,236,688	6,846	437,834	425,806	2,028
Manufacturing .....	1,543,500	1,459,719	83,781	1,309,900	1,237,289	72,611
Food and kindred products .....	178,692	162,065	16,627	147,592	133,945	13,647
Bakery products .....	7,822	6,847	975	6,642	5,767	875
Beverage industries .....	21,506	20,544	962	19,006	18,164	842
Canning and preservg. fruits, veg., and sea food .....	31,938	25,783	6,155	21,938	17,743	4,195
Confectionery .....	6,848	4,917	1,931	5,868	4,117	1,751
Dairy products .....	15,507	14,745	762	14,247	13,505	742
Grain-mill products .....	20,846	20,132	714	18,306	17,912	394
Meat products .....	40,083	41,759	4,324	39,503	38,599	3,904
Miscellaneous food industries .....	28,442	27,338	1,104	22,062	21,128	934
Textiles, textile products, and apparel .....	100,614	85,243	15,371	86,994	72,943	14,051
Cotton manufactures .....	39,727	35,204	4,523	35,087	30,824	4,263
Silk and rayon mfrs. .....	7,376	6,239	1,137	5,916	4,969	937
Woolen and worsted mfrs. .....	13,727	12,523	1,204	10,927	9,882	1,044
Knit goods .....	5,427	3,757	1,670	4,927	3,337	1,590
Dyeing and finishing textiles .....	5,884	5,871	213	5,144	4,931	213
Carpets, rugs, and other floor coverings .....	6,541	5,814	727	6,121	5,474	647
Hats, except cloth and millinery .....	681	630	51	501	450	51
Miscellaneous textile goods .....	5,173	4,576	597	4,653	4,116	537
Not specified textile mills .....	3,631	3,230	401	2,951	2,610	341
Apparel and accessories .....	9,507	5,333	4,174	8,207	4,413	3,794
Misc. fabricated textile products .....	2,940	2,266	674	2,560	1,946	614
Lumber, furniture, and lumber products .....	291,959	286,922	5,037	257,399	252,922	4,477
Sawmills and planing mills .....	224,293	222,683	1,610	198,493	197,103	1,390
Furniture and store fixtures .....	31,041	30,083	958	26,901	26,063	838
Miscellaneous wooden goods .....	36,625	34,166	2,459	32,005	29,756	2,249
Paper, paper products, and printing .....	66,843	61,437	5,406	59,923	55,037	4,886
Pulp, paper, and paperboard mills .....	43,899	42,163	1,736	39,813	38,163	1,650
Paperboard containers and boxes .....	9,658	7,943	1,715	8,418	6,903	1,515
Misc., paper and pulp products .....	4,167	3,266	902	3,647	2,865	782
Printing, publishing, and allied ind. .....	9,126	8,066	1,059	8,045	7,106	939
Chemicals, and petroleum and coal products .....	121,448	118,182	3,266	106,128	103,122	3,006
Paints, varnishes, and colors .....	5,696	5,498	198	5,196	5,018	178
Rayon and allied products .....	5,369	4,942	427	5,069	4,702	367
Misc. chemical industries .....	75,280	72,623	2,657	66,420	64,123	2,297
Petroleum refining .....	27,562	27,403	159	25,062	24,963	99
Misc. petroleum and coal products .....	7,571	7,516	55	6,351	6,316	35



**No. 205.—DETAILED OCCUPATION OF PERSONS IN THE EXPERIENCED LABOR FORCE AND OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX: 1940—Continued**

OCCUPATION	EXPERIENCED LABOR FORCE			EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORK)		
	Total	Male	Female	Total	Male	Female
<b>Laborers, except farm and mine—Con.</b>						
<b>Laborers, n. e. c., by industry—Continued</b>						
<b>Manufacturing—Continued</b>						
Leather and leather products	28,222	23,940	4,282	24,142	20,200	3,942
Leather tanned, curried and finished	13,273	12,861	412	11,333	10,981	352
Footwear industries, except rubber	11,619	8,530	3,089	9,919	7,010	2,909
Leather products, except footwear	3,330	2,549	781	2,890	2,209	681
Stone, clay, and glass products	106,397	103,271	3,126	91,077	88,131	2,946
Cement, concrete, gypsum, and plaster products	26,181	26,061	120	22,781	22,661	120
Cut-stone and stone products	3,806	3,784	21	2,965	2,944	21
Glass and glass products	18,963	17,651	1,314	16,446	15,191	1,254
Pottery and related products	7,207	6,443	764	6,547	5,822	724
Structural clay products	41,278	40,761	517	34,298	33,811	487
Misc. nonmetallic mineral prod.	8,961	8,881	80	8,041	7,701	340
Iron and steel and not spec. metal industries	323,983	318,465	5,518	263,343	260,728	2,615
Blast furnaces, steel works, and rolling mills	188,280	186,979	1,301	181,080	180,219	861
Tin cans and other tinware	5,217	4,550	667	4,577	3,970	607
Misc. iron and steel industries	124,589	121,185	3,404	104,729	101,729	3,004
Not specified metal industries	5,897	5,751	146	4,957	4,811	146
Nonferrous metals and their prod.	45,118	44,788	330	40,788	39,012	1,776
Nonferrous metal primary prod.	25,902	25,688	214	23,512	23,248	264
Clocks, watches, jewelry, and silverware	3,016	2,226	789	2,716	1,988	728
Misc. nonferrous metal products	16,110	15,816	294	14,510	13,776	734
Machinery	81,152	75,012	6,140	72,272	66,758	5,514
Agric. machinery and tractors	10,528	10,422	106	9,508	9,402	106
Electrical machinery and equip.	29,787	25,282	4,505	26,447	22,823	3,624
Office and store machines, equip., and supplies	1,947	1,670	277	1,727	1,480	247
Miscellaneous machinery	38,890	37,638	1,252	34,590	33,518	1,072
Auto and auto equipment	69,541	66,862	2,679	56,741	54,309	2,432
Transportation equip., exc. automobile	33,145	32,832	313	28,845	28,578	267
Aircraft and parts	3,841	3,763	78	3,841	3,868	78
Ship and boat bldg. and repairing	21,175	21,082	93	18,395	18,292	103
Railroad and misc. transp. equip.	8,129	8,037	92	6,800	6,717	83
Other manufacturing industries	96,386	82,266	14,120	70,706	59,576	11,130
Tobacco manufactures	15,323	11,295	4,027	10,942	8,305	2,637
Rubber products	20,189	17,639	2,550	17,339	14,999	2,340
Scientific and photographic equip. and supplies	3,092	2,524	568	3,012	2,464	548
Misc. manufacturing industries	16,270	13,304	2,966	13,870	11,304	2,566
Not spec. manufacturing industries	41,563	37,494	4,069	25,443	22,414	3,029
Nonmanufacturing	1,257,699	1,230,618	27,081	845,559	824,838	20,721
Railroads (including repair shops)	255,537	253,820	1,717	213,097	211,690	1,407
Transportation, except railroads	102,797	101,883	914	84,277	83,483	794
Street railways and bus lines	10,505	10,384	121	9,405	9,274	131
Trucking service	40,204	39,988	216	32,604	32,406	198
Warehousing and storage	25,656	25,312	344	20,196	19,892	304
Miscellaneous transportation	26,432	26,248	184	22,072	21,909	163
Communication and utilities	96,183	95,674	509	86,623	85,154	1,469
Communication	3,159	3,089	70	2,779	2,729	50
Utilities	93,024	92,585	439	82,844	82,425	419
Wholesale and retail trade	242,049	233,536	8,513	210,509	202,816	7,693
Personal services	22,806	17,398	5,408	19,926	14,758	5,168
Laundering, cleaning, and dyeing	13,007	8,050	4,957	11,487	6,760	4,727
Hotels and misc. personal serv.	9,799	9,348	451	8,439	8,008	431
Other nonmanufacturing ind. and serv.	538,347	528,307	10,040	232,127	226,967	5,160
Agriculture, forestry, and fishery	63,899	63,497	402	41,779	40,597	1,182
Automobile storage, rental, and repair service	2,863	2,843	20	2,362	2,343	19
Business and misc. repair serv.	6,771	6,512	259	5,731	5,532	199
Finance, insurance, and real estate	7,046	6,997	49	6,146	6,097	49
Amusement, recreation, and related services	16,441	16,212	229	13,741	13,562	179
Professional and related services	19,062	18,052	1,010	15,782	14,892	890
Government	62,695	62,184	511	45,016	44,564	451
Industry not reported	367,551	362,110	5,441	101,571	99,370	2,201
Occupation not reported	1,262,738	1,241,494	21,244	878,719	844,796	33,923

\* Includes metal engraving (except for printing purposes), plating, and polishing.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census releases, Series P-14, No. 12.

**No. 206.—MAJOR OCCUPATION GROUP OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX, BY STATES: 1940**

[For definition of "Employed (except on public emergency work)", see note 1, table 105. Classification by occupation refers to job in which engaged during week of Mar. 24-30, 1940. For total employed males and females by States, see table 209]

DIVISION AND STATE	MALE									
	Professional and semi-professional workers	Farmers and farm managers	Proprietors, managers, and officials, except farm	Clerical, sales, and kindred workers	Craftsmen, foremen, and kindred workers	Operatives and kindred workers	Service workers	Farm laborers and foremen	Laborers, except farm and mine	Occupation not reported
<b>United States</b>	<b>1,875,387</b>	<b>4,991,715</b>	<b>3,325,767</b>	<b>4,360,648</b>	<b>4,949,123</b>	<b>6,205,896</b>	<b>2,335,926</b>	<b>2,779,005</b>	<b>2,965,593</b>	<b>244,734</b>
<b>New England</b>	<b>122,017</b>	<b>75,215</b>	<b>225,310</b>	<b>312,430</b>	<b>406,125</b>	<b>549,626</b>	<b>164,672</b>	<b>62,833</b>	<b>165,543</b>	<b>17,329</b>
Maine	9,116	22,215	20,943	22,197	30,222	44,963	12,001	12,725	23,268	1,535
New Hampshire	6,155	8,518	12,575	13,230	20,650	34,433	6,519	6,083	14,394	1,262
Vermont	4,179	16,175	9,008	9,232	13,760	14,417	5,086	13,638	9,931	787
Massachusetts	73,668	14,746	115,561	175,405	203,070	274,927	89,793	16,430	78,020	9,068
Rhode Island	10,311	1,946	13,789	25,206	36,096	53,550	18,088	2,437	13,646	1,013
Connecticut	29,589	11,515	48,431	68,150	102,317	125,716	34,335	11,570	41,584	4,268
<b>Middle Atlantic</b>	<b>488,014</b>	<b>346,761</b>	<b>785,854</b>	<b>1,194,493</b>	<b>1,225,401</b>	<b>1,596,258</b>	<b>620,323</b>	<b>174,863</b>	<b>664,906</b>	<b>60,892</b>
New York	268,511	116,501	440,873	666,897	590,290	692,159	323,952	80,324	250,004	31,662
New Jersey	82,964	20,310	128,718	194,319	216,945	248,662	88,599	21,558	107,116	10,946
Pennsylvania	136,539	109,950	216,263	333,282	418,176	657,437	147,772	72,781	307,796	18,284
<b>E. North Central</b>	<b>405,309</b>	<b>807,917</b>	<b>687,955</b>	<b>963,379</b>	<b>1,239,136</b>	<b>1,504,676</b>	<b>439,013</b>	<b>376,533</b>	<b>602,726</b>	<b>51,644</b>
Ohio	106,921	173,056	180,984	245,985	333,023	400,249	103,582	73,326	161,608	13,418
Indiana	46,778	143,973	83,468	104,650	149,989	177,714	47,834	54,376	85,481	7,292
Illinois	132,737	183,905	220,636	347,864	384,442	430,187	166,963	90,387	176,129	14,249
Michigan	78,928	140,964	125,014	177,675	271,992	359,150	81,798	64,406	118,083	11,449
Wisconsin	41,945	166,019	77,854	87,205	119,690	137,376	36,836	94,066	61,425	5,226
<b>W. North Central</b>	<b>169,541</b>	<b>989,213</b>	<b>358,636</b>	<b>403,664</b>	<b>390,329</b>	<b>416,016</b>	<b>173,089</b>	<b>418,745</b>	<b>209,124</b>	<b>23,061</b>
Minnesota	26,265	179,261	75,069	86,927	84,353	84,693	37,733	93,670	40,942	4,592
Iowa	29,915	204,142	67,865	69,005	74,668	77,736	26,067	96,168	41,719	5,144
Missouri	50,059	210,361	90,234	136,457	122,837	149,953	60,395	84,737	66,747	5,892
North Dakota	5,425	71,403	15,068	11,972	9,667	8,060	4,851	33,270	4,828	1,197
South Dakota	7,378	69,968	16,076	12,382	11,301	11,666	5,117	25,855	6,280	1,253
Nebraska	16,738	115,766	35,565	37,742	32,367	30,084	15,744	42,223	17,676	1,729
Kansas	23,761	138,289	49,759	49,179	54,936	55,823	23,152	39,822	28,932	3,290
<b>South Atlantic</b>	<b>198,489</b>	<b>797,230</b>	<b>258,174</b>	<b>462,264</b>	<b>545,626</b>	<b>805,771</b>	<b>313,794</b>	<b>572,930</b>	<b>493,167</b>	<b>31,435</b>
Delaware	5,117	7,448	7,460	9,495	13,190	13,151	5,152	5,671	8,668	668
Maryland	30,961	81,053	48,306	75,199	90,643	92,859	40,665	33,840	61,733	4,709
District of Columbia	22,875	50	19,046	47,637	28,547	25,872	28,209	189	16,077	1,076
Virginia	30,223	124,122	55,379	69,181	93,334	116,151	56,328	86,791	87,478	4,029
West Virginia	19,035	48,634	30,847	38,026	57,867	147,774	15,150	27,935	36,059	3,175
North Carolina	26,465	239,060	57,719	65,102	86,024	159,574	44,527	130,180	82,816	6,809
South Carolina	14,001	114,871	26,588	30,698	41,808	77,934	23,909	91,875	42,940	2,169
Georgia	25,665	192,320	55,797	67,250	73,181	108,305	54,453	140,006	84,718	4,847
Florida	24,147	39,732	57,062	59,676	60,942	64,091	46,381	56,151	72,678	3,961
<b>E. South Central</b>	<b>87,946</b>	<b>861,045</b>	<b>168,241</b>	<b>192,281</b>	<b>229,820</b>	<b>361,960</b>	<b>130,785</b>	<b>395,367</b>	<b>219,418</b>	<b>16,586</b>
Kentucky	24,925	202,073	48,101	64,822	70,321	117,531	35,316	99,882	41,384	4,215
Tennessee	27,906	201,013	52,395	64,727	76,901	106,374	37,565	95,552	61,342	4,229
Alabama	20,098	200,798	40,725	47,268	62,493	102,036	30,364	106,191	67,945	4,418
Mississippi	15,018	257,161	27,020	25,403	30,105	36,039	17,390	93,542	48,747	2,694
<b>W. South Central</b>	<b>145,400</b>	<b>830,228</b>	<b>306,015</b>	<b>321,455</b>	<b>333,728</b>	<b>380,125</b>	<b>204,814</b>	<b>468,572</b>	<b>271,344</b>	<b>18,464</b>
Arkansas	14,962	185,844	31,539	29,229	32,176	37,182	15,730	93,961	42,666	2,539
Louisiana	22,540	134,996	44,535	55,704	57,133	73,186	37,935	86,425	73,944	2,497
Oklahoma	29,214	163,248	55,242	54,822	56,719	61,955	30,218	57,382	27,178	4,137
Texas	78,678	356,242	173,699	181,700	187,700	207,812	120,931	231,884	127,557	9,292
<b>Mountain</b>	<b>59,396</b>	<b>195,531</b>	<b>107,599</b>	<b>107,704</b>	<b>124,838</b>	<b>162,595</b>	<b>62,187</b>	<b>116,447</b>	<b>65,655</b>	<b>7,169</b>
Montana	7,548	37,233	15,460	14,406	17,182	23,408	7,856	19,609	9,683	806
Idaho	6,616	37,304	12,841	11,182	13,691	16,792	5,261	18,535	9,527	947
Wyoming	3,325	13,666	7,532	5,503	9,416	10,691	7,308	10,769	3,956	347
Colorado	17,636	44,168	31,214	35,379	36,411	43,399	18,533	25,781	17,401	2,243
New Mexico	6,324	26,097	10,819	9,368	12,761	16,331	6,366	16,554	7,601	789
Arizona	7,351	13,999	12,455	12,470	15,075	22,451	8,418	14,509	9,668	631
Utah	8,329	20,175	13,269	16,285	17,951	21,220	6,376	7,394	8,117	571
Nevada	2,267	2,949	3,987	3,120	5,341	8,073	3,050	2,946	2,502	316
<b>Pacific</b>	<b>186,273</b>	<b>185,435</b>	<b>322,963</b>	<b>461,973</b>	<b>442,237</b>	<b>426,441</b>	<b>246,389</b>	<b>186,766</b>	<b>250,316</b>	<b>12,539</b>
Washington	27,392	49,146	55,891	58,921	79,910	74,429	38,922	27,920	62,267	3,517
Oregon	17,082	42,722	24,679	30,394	46,409	44,279	16,963	25,632	39,510	3,618
California	141,800	93,467	232,413	306,658	316,918	307,733	185,115	135,213	148,218	12,403

No. 206.—MAJOR OCCUPATION GROUP OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX, BY STATES: 1940—Continued

DIVISION AND STATE	FEMALE									
	Professional and semi-professional workers	Farmers and farm managers	Proprietors, managers, and officials, except farm	Clerical, sales, and kindred workers	Craftsmen, foremen, and kindred workers	Operatives and kindred workers	Service workers	Farm laborers and foremen	Laborers, except farm and mine	Occupation not reported
United States.....	1,469,661	151,899	423,529	3,154,982	106,690	2,046,879	3,230,732	820,605	96,436	133,965
<b>New England.....</b>	<b>118,463</b>	<b>2,810</b>	<b>24,596</b>	<b>263,523</b>	<b>11,517</b>	<b>285,412</b>	<b>201,586</b>	<b>1,261</b>	<b>3,376</b>	<b>10,890</b>
Maine.....	9,793	669	2,588	15,909	591	21,631	21,618	210	927	986
New Hampshire.....	6,327	370	1,694	10,721	440	18,047	13,147	92	481	608
Vermont.....	4,822	447	1,144	6,970	210	3,943	10,559	101	246	487
Massachusetts.....	64,779	697	12,153	149,822	6,383	136,118	102,919	417	2,080	5,741
Rhode Island.....	8,662	89	2,022	21,324	1,328	37,473	13,663	49	531	599
Connecticut.....	24,160	539	4,994	68,777	2,565	66,300	39,680	401	2,121	2,379
<b>Middle Atlantic.....</b>	<b>245,534</b>	<b>7,866</b>	<b>67,104</b>	<b>569,088</b>	<b>33,133</b>	<b>652,678</b>	<b>666,919</b>	<b>5,822</b>	<b>22,606</b>	<b>34,164</b>
New York.....	190,862	3,692	40,123	488,849	18,328	309,734	364,123	2,539	8,491	17,736
New Jersey.....	50,946	920	13,710	139,277	5,525	132,728	92,840	1,053	5,326	6,099
Pennsylvania.....	103,736	2,575	24,271	231,962	9,280	210,226	209,066	2,231	8,289	10,271
<b>E. North Central.....</b>	<b>283,651</b>	<b>15,801</b>	<b>80,931</b>	<b>731,643</b>	<b>26,506</b>	<b>387,843</b>	<b>582,391</b>	<b>13,949</b>	<b>28,607</b>	<b>27,172</b>
Ohio.....	71,079	3,069	20,361	181,117	7,247	98,466	156,499	1,782	6,206	7,076
Indiana.....	31,741	2,341	10,674	76,439	2,848	48,964	67,816	1,340	4,167	3,818
Illinois.....	90,934	2,823	27,065	272,754	9,364	142,271	182,239	2,101	9,738	7,744
Michigan.....	54,731	3,202	14,290	131,345	5,133	63,507	112,493	1,895	5,823	5,138
Wisconsin.....	35,166	4,366	8,601	70,088	2,013	34,635	63,344	6,852	2,671	3,350
<b>W. North Central.....</b>	<b>167,655</b>	<b>17,214</b>	<b>44,611</b>	<b>289,878</b>	<b>7,975</b>	<b>109,970</b>	<b>294,511</b>	<b>11,016</b>	<b>7,026</b>	<b>12,493</b>
Minnesota.....	36,853	3,890	8,288	66,246	1,758	19,115	66,017	2,361	1,123	2,858
Iowa.....	33,130	2,957	7,481	51,033	1,223	14,420	53,302	1,540	1,839	3,106
Missouri.....	38,875	4,251	13,090	92,767	3,247	59,068	88,438	2,488	2,320	3,319
North Dakota.....	8,058	1,273	1,672	8,050	140	1,180	11,696	689	66	633
South Dakota.....	9,075	1,166	2,178	9,526	209	1,557	11,483	607	214	729
Nebraska.....	18,442	1,513	4,480	27,377	867	5,357	27,391	673	721	1,061
Kansas.....	23,221	2,669	6,822	34,660	811	9,183	36,004	980	744	1,809
<b>South Atlantic.....</b>	<b>178,778</b>	<b>22,965</b>	<b>46,512</b>	<b>324,736</b>	<b>9,263</b>	<b>321,358</b>	<b>568,630</b>	<b>123,635</b>	<b>15,648</b>	<b>17,996</b>
Delaware.....	3,094	191	953	7,613	243	4,549	8,709	236	447	413
Maryland.....	20,313	806	6,587	51,162	2,260	36,373	57,969	1,333	2,180	2,996
District of Columbia.....	12,025	4	3,190	56,355	631	5,738	30,345	2	312	711
Virginia.....	25,977	4,454	6,369	46,392	1,364	40,892	75,896	4,737	2,799	2,162
West Virginia.....	16,401	1,573	3,961	24,000	593	13,153	31,991	765	828	1,424
North Carolina.....	32,283	8,122	8,041	40,269	1,330	98,841	90,700	28,729	3,257	3,720
South Carolina.....	17,437	8,564	3,137	18,159	453	40,633	59,175	44,186	1,138	1,418
Georgia.....	27,436	6,989	7,588	42,976	1,440	57,466	118,537	32,793	2,631	2,891
Florida.....	20,820	2,251	9,716	37,820	949	22,709	66,308	13,864	2,003	2,082
<b>E. South Central.....</b>	<b>81,225</b>	<b>37,243</b>	<b>22,155</b>	<b>124,894</b>	<b>4,244</b>	<b>107,001</b>	<b>264,772</b>	<b>92,668</b>	<b>5,693</b>	<b>8,268</b>
Kentucky.....	20,168	3,799	6,733	38,755	1,673	23,130	51,038	2,167	1,404	2,157
Tennessee.....	24,397	5,063	6,448	42,126	1,683	43,784	77,642	8,182	2,087	2,190
Alabama.....	21,877	11,066	5,131	28,725	594	26,906	79,585	33,829	1,381	2,388
Mississippi.....	14,783	17,245	3,843	17,289	394	13,181	56,599	46,490	811	1,531
<b>W. South Central.....</b>	<b>116,047</b>	<b>25,136</b>	<b>41,309</b>	<b>201,009</b>	<b>4,446</b>	<b>65,677</b>	<b>343,736</b>	<b>58,632</b>	<b>4,326</b>	<b>9,686</b>
Arkansas.....	12,695	5,763	4,660	17,471	348	5,549	37,626	11,940	656	1,369
Louisiana.....	21,322	5,402	5,858	35,169	796	14,523	78,947	18,390	1,583	1,281
Oklahoma.....	22,432	3,147	8,099	37,069	714	7,495	44,614	2,275	538	2,233
Texas.....	61,598	10,824	22,692	111,300	2,588	38,319	182,549	26,027	2,191	4,772
<b>Mountain.....</b>	<b>47,381</b>	<b>4,880</b>	<b>17,162</b>	<b>72,714</b>	<b>1,572</b>	<b>20,475</b>	<b>75,308</b>	<b>3,921</b>	<b>890</b>	<b>3,468</b>
Montana.....	7,076	983	2,579	9,222	143	1,508	9,990	317	66	440
Idaho.....	5,148	664	1,837	7,530	123	1,679	7,939	241	164	443
Wyoming.....	3,122	307	1,148	3,774	66	656	4,481	142	19	151
Colorado.....	14,663	987	5,480	25,310	624	6,562	23,804	776	280	1,124
New Mexico.....	5,173	728	1,878	6,076	208	3,724	9,086	483	65	261
Arizona.....	8,529	890	2,106	7,927	135	4,107	10,763	806	68	416
Utah.....	5,440	221	1,887	10,883	251	2,844	6,888	141	128	394
Nevada.....	1,231	112	627	1,993	32	400	2,357	16	10	133
<b>Pacific.....</b>	<b>131,927</b>	<b>8,774</b>	<b>59,121</b>	<b>288,697</b>	<b>7,995</b>	<b>95,767</b>	<b>233,779</b>	<b>16,816</b>	<b>4,654</b>	<b>9,191</b>
Washington.....	20,175	2,147	9,141	43,364	1,060	11,841	37,540	1,515	909	1,666
Oregon.....	13,718	1,582	6,249	27,716	839	7,721	25,494	1,080	600	1,246
California.....	98,034	5,045	43,731	217,618	6,046	76,205	170,745	7,415	3,145	6,289

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II.

**No. 207.—SOCIAL-ECONOMIC GROUP OF PERSONS 14 YEARS OLD AND OVER IN THE EXPERIENCED LABOR FORCE IN 1940 AND GAINFUL WORKERS 14 YEARS OLD AND OVER IN 1930, IN 1920, AND IN 1910, BY SEX**

SOCIAL-ECONOMIC GROUP AND SEX	NUMBER				PERCENT DISTRIBUTION			
	Experi- enced labor force, 1940 <sup>1</sup>	Gainful workers			1940	1930	1920	1910
		1930	1920	1910				
<b>Total</b> .....	52,428,423	48,594,582	41,236,185	37,771,360	100.0	100.0	100.0	100.0
Professional persons.....	3,381,993	2,945,005	2,049,919	1,532,185	6.5	6.1	5.0	4.4
Proprietors, managers, and officials.....	9,233,643	9,665,490	9,180,483	8,579,458	17.8	19.9	22.3	23.0
Farmers (owners and tenants).....	5,274,706	6,012,012	6,387,356	6,132,308	10.1	12.4	15.6	16.5
Wholesale and retail dealers.....	2,037,900	1,786,906	1,401,751	1,243,884	3.9	3.7	3.4	3.3
Other proprietors, managers, and officials.....	1,921,037	1,866,481	1,391,374	1,201,289	3.7	3.8	3.4	3.2
Clerks and kindred workers.....	8,922,939	7,936,285	6,682,160	5,804,474	17.2	16.3	13.8	10.9
Skilled workers and foremen.....	6,104,965	6,282,605	5,570,533	4,363,984	11.7	12.9	13.5	11.7
Semiskilled workers.....	10,918,312	7,972,711	6,631,733	5,489,315	21.0	16.4	15.1	14.7
Semiskilled workers in manufacturing.....	( <sup>2</sup> )	4,555,905	4,352,329	3,853,808	( <sup>2</sup> )	9.4	10.6	9.9
Other semiskilled workers.....	( <sup>2</sup> )	3,416,806	2,279,404	1,635,507	( <sup>2</sup> )	7.0	5.5	4.8
Unskilled workers.....	13,457,151	13,791,837	12,121,367	13,401,944	25.9	28.6	29.4	30.0
Farm laborers.....	3,708,191	4,187,201	3,857,833	5,407,102	7.1	8.6	9.4	14.5
Laborers, except farm.....	5,566,493	6,272,700	6,018,944	5,461,987	10.7	12.9	14.6	14.7
Factory and bldg. const. laborers.....	( <sup>2</sup> )	3,371,492	3,131,734	2,647,096	( <sup>2</sup> )	6.9	7.6	7.1
Other laborers.....	( <sup>2</sup> )	2,901,208	2,887,210	2,814,891	( <sup>2</sup> )	6.0	7.0	7.6
Servant classes.....	4,182,467	3,331,936	2,244,890	2,532,855	8.0	6.9	5.4	6.8
<b>Male</b> .....	39,448,945	37,915,544	32,806,478	29,482,534	100.0	100.0	100.0	100.0
Professional persons.....	1,846,541	1,497,830	1,061,664	913,637	4.7	4.0	3.2	3.1
Proprietors, managers, and officials.....	8,701,806	9,189,849	8,787,526	8,183,312	22.1	24.2	26.7	27.8
Farmers (owners and tenants).....	5,120,943	5,749,367	6,121,781	5,850,228	13.0	15.2	18.7	19.9
Wholesale and retail dealers.....	1,858,017	1,675,146	1,321,989	1,177,808	4.7	4.4	4.0	4.0
Other proprietors, managers, and officials.....	1,722,845	1,735,336	1,313,756	1,146,276	4.4	4.6	4.0	3.9
Clerks and kindred workers.....	5,268,665	4,864,778	3,490,728	2,723,293	13.4	12.8	10.6	9.3
Skilled workers and foremen.....	4,001,173	4,201,520	3,468,979	2,267,251	10.2	10.4	10.7	14.6
Semiskilled workers.....	7,836,107	5,444,413	4,371,477	3,814,058	19.6	14.4	13.3	11.2
Semiskilled workers in manufacturing.....	( <sup>2</sup> )	2,879,861	2,686,138	2,021,605	( <sup>2</sup> )	7.6	8.2	6.9
Other semiskilled workers.....	( <sup>2</sup> )	2,564,552	1,685,339	1,792,453	( <sup>2</sup> )	6.8	5.1	4.4
Unskilled workers.....	10,291,654	10,747,154	9,656,104	10,090,983	26.1	28.3	29.4	34.2
Farm laborers.....	3,362,430	3,606,736	3,162,121	4,132,237	8.6	9.5	9.6	14.0
Laborers, except farm.....	5,486,743	6,116,299	5,819,073	5,356,464	13.8	16.1	17.7	18.2
Factory and bldg. const. laborers.....	( <sup>2</sup> )	3,246,312	2,963,036	2,560,451	( <sup>2</sup> )	8.6	9.0	8.7
Other laborers.....	( <sup>2</sup> )	2,860,987	2,856,037	2,797,013	( <sup>2</sup> )	7.6	8.7	9.5
Servant classes.....	1,462,481	1,024,119	674,910	592,282	3.8	3.7	3.1	2.0
<b>Female</b> .....	12,979,478	10,679,038	8,429,707	7,788,826	100.0	100.0	100.0	100.0
Professional persons.....	1,535,452	1,447,775	988,255	718,548	12.3	13.6	11.7	9.3
Proprietors, managers, and officials.....	531,838	506,640	422,957	396,146	4.2	4.7	5.0	5.1
Farmers (owners and tenants).....	153,763	262,645	265,577	273,140	1.2	2.5	3.2	3.8
Wholesale and retail dealers.....	179,883	111,850	79,762	67,993	1.4	1.0	.9	.9
Other proprietors, managers, and officials.....	198,192	131,145	77,618	55,013	1.6	1.2	.9	.7
Clerks and kindred workers.....	2,655,274	2,071,507	2,101,422	1,081,181	20.1	28.8	26.0	13.9
Skilled workers and foremen.....	103,812	81,145	101,854	96,733	.8	.8	1.2	1.2
Semiskilled workers.....	2,882,205	2,528,298	2,260,256	2,175,257	23.5	23.7	26.8	27.9
Semiskilled workers in manufacturing.....	( <sup>2</sup> )	1,676,044	1,666,191	1,632,203	( <sup>2</sup> )	15.7	19.3	21.0
Other semiskilled workers.....	( <sup>2</sup> )	862,254	594,065	543,054	( <sup>2</sup> )	8.0	7.0	7.0
Unskilled workers.....	2,166,497	3,044,683	2,465,263	3,320,961	25.2	28.8	29.3	42.6
Farm laborers.....	345,781	580,465	695,712	1,274,865	2.7	5.4	8.3	16.4
Laborers, except farm.....	129,780	156,401	199,871	105,493	1.0	1.6	2.4	1.4
Factory and bldg. const. laborers.....	( <sup>2</sup> )	125,180	168,698	87,648	( <sup>2</sup> )	1.2	2.0	1.1
Other laborers.....	( <sup>2</sup> )	31,221	31,173	17,845	( <sup>2</sup> )	.3	.4	.3
Servant classes.....	2,690,906	2,307,817	1,569,680	1,940,608	21.4	21.6	18.6	24.9

<sup>1</sup> Comprises a summation of the complete count of present occupations for employed persons (except on emergency work) and of the tabulations from Sample B (see p. 1) of usual occupations for persons on emergency work and for experienced workers seeking work as shown in table 205. For definitions of these labor force groups, see footnotes on table 195.

<sup>2</sup> Comparable figures not available.

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, Comparative Occupation Statistics for the United States, 1870 to 1940.

**No. 208.—DETAILED INDUSTRY OF PERSONS IN THE EXPERIENCED LABOR FORCE, AND OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX: 1940**

[Persons in the experienced labor force comprise employed persons (except on public emergency work), persons on public emergency work, and workers seeking work who had formerly worked full time for 1 month or more; see footnotes on table 195. Industry figures shown below for employed (except on public emergency work) refer to the industry in which engaged during census week, and are based on complete census returns. Industry figures for remaining experienced labor force groups, not shown separately in this table, refer to the industry in which the person was engaged when employed at his usual occupation and at which occupation he was still physically able to work, and are based on Sample B, see p. 1. Figures for "Experienced labor force," therefore, represent a summation of figures for current industry and usual industry which in turn are based on complete census returns and Sample B, respectively]

INDUSTRY	EXPERIENCED LABOR FORCE			EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORK)		
	Total	Male	Female	Total	Male*	Female
All industries.....	82,030,023	39,445,945	42,574,078	45,166,063	34,627,906	11,138,178
Agriculture, forestry, and fishery	9,141,113	8,628,103	513,009	8,475,432	7,988,343	487,089
Agriculture.....	9,003,702	8,493,000	510,693	8,372,222	7,886,849	485,373
Forestry, exc. logging, and fishery.....	137,410	135,094	2,316	103,210	101,494	1,716
Forestry, except logging.....	68,777	67,402	1,375	43,077	42,122	955
Fishery.....	68,633	67,692	941	60,133	59,371	761
Mining.....	1,109,860	1,037,501	12,359	913,000	902,061	10,939
Coal mining.....	652,265	643,469	8,796	527,025	523,869	3,156
Crude petroleum and nat. gas production.....	207,069	202,282	4,787	183,619	178,622	4,997
Metal mining.....	137,937	136,606	1,332	117,287	116,128	1,159
Other mines and quarries.....	111,959	110,145	1,814	85,119	83,543	1,576
Sand and gravel production.....	23,454	22,934	520	20,634	20,154	480
Stone quarrying.....	59,781	58,123	1,658	40,341	39,883	458
Misc nonmetallic mining.....	22,326	21,905	421	19,928	19,595	333
Not specified mining.....	6,398	6,093	305	4,218	3,913	305
Construction.....	3,668,434	3,462,712	44,722	2,066,274	2,022,832	34,242
Manufacturing.....	11,756,382	9,146,390	2,610,002	10,572,842	8,250,590	2,322,252
Food and kindred products.....	1,212,429	989,154	223,274	1,093,628	894,534	199,094
Bakery products.....	264,689	223,128	41,561	241,709	202,598	39,121
Beverage industries.....	174,108	187,068	17,040	162,328	146,248	16,080
Meat products.....	229,265	195,524	33,741	210,123	178,384	31,741
Other food industries.....	544,366	413,434	130,932	479,466	367,314	112,152
Canning and preservg fruits, veg., and sea food.....	117,737	74,045	43,692	91,117	58,485	32,632
Confectionery.....	83,656	42,712	40,944	73,276	37,412	35,864
Dairy products.....	123,093	105,838	17,255	115,753	99,438	16,315
Grain mill products.....	95,807	87,000	8,807	89,987	81,549	8,438
Misc food industries.....	124,013	103,830	20,183	109,233	90,430	18,803
Tobacco manufactures.....	124,845	58,916	65,929	107,965	49,476	58,489
Textile-mill products.....	1,203,104	773,813	519,291	1,170,024	692,353	477,671
Cotton manufactures.....	*521,239	327,268	*193,971	*483,319	301,948	*181,371
Silk and rayon mfrs.....	*120,991	72,763	*48,228	*109,911	61,303	*48,608
Woolen and worsted mfrs.....	176,708	110,272	66,436	148,668	91,192	57,476
Knit goods.....	231,853	90,050	135,803	214,993	87,670	127,323
Other textile-mill products.....	230,313	167,460	68,853	212,993	150,240	62,753
Dyeing and finishing textiles.....	55,473	46,490	8,983	50,333	41,999	8,334
Carpets, rugs, and other floor coverings.....	51,073	35,397	15,676	48,013	33,237	14,776
Hats, except cloth and millinery.....	20,436	14,902	5,534	18,236	13,162	5,074
Misc textile goods.....	38,858	25,494	13,364	36,838	23,894	12,944
Not specified textile mills.....	70,473	45,168	25,305	60,463	38,948	21,515
Apparel and other fabricated textile products.....	958,784	305,204	653,580	780,664	266,324	514,340
Apparel and accessories.....	902,892	284,205	618,687	734,812	248,005	486,807
Misc fabricated textile prod.....	55,892	20,999	34,893	45,852	18,319	27,533
Lumber, furniture, and lumber prod.....	1,069,617	1,012,881	56,736	938,577	886,361	52,216
Logging.....	181,575	179,973	1,602	141,495	140,233	1,262
Sawmills and planing mills.....	483,879	474,612	9,267	435,569	427,072	8,497
Furniture and store fixtures.....	253,795	230,791	23,004	225,675	204,411	21,264
Misc wooden goods.....	150,368	127,505	22,863	135,848	114,648	21,200
Paper and allied products.....	350,481	273,539	76,942	328,241	256,519	71,722
Pulp, paper, and paperboard mills.....	219,972	191,012	28,960	207,892	180,392	27,500
Paperboard containers and boxes.....	76,088	48,970	27,118	69,348	44,850	24,498
Misc paper and pulp products.....	54,421	83,557	20,864	51,001	31,277	19,724
Printing, publishing, and allied ind.....	683,237	543,383	139,854	630,677	501,583	129,094
Chemicals and allied products.....	466,665	384,741	81,924	439,845	362,341	77,504
Rayon and allied products.....	52,064	39,744	12,320	50,914	38,224	12,690
Other chemical and allied products.....	413,631	344,997	68,634	388,931	324,117	64,814
Paints, varnishes, and colors.....	47,878	41,018	6,860	44,796	38,796	6,000
Miscellaneous chemical industries.....	366,253	303,979	62,274	344,133	283,219	60,914
Petroleum and coal products.....	212,020	197,961	14,059	201,180	186,821	14,359
Petroleum refining.....	186,419	172,814	13,605	178,019	164,794	13,225
Misc petroleum and coal prod.....	25,601	24,447	1,154	23,161	22,027	1,134

\*Figures revised to correct for a tabulating error discovered after original census report was published.



**No. 208.—DETAILED INDUSTRY OF PERSONS IN THE EXPERIENCED LABOR FORCE, AND OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX: 1940—Continued**

INDUSTRY	EXPERIENCED LABOR FORCE			EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORK)		
	Total	Male	Female	Total	Male	Female
<b>Manufacturing—Continued</b>						
Rubber products	173,481	134,819	38,662	159,021	122,219	36,802
Leather and leather products	407,183	267,049	150,134	364,443	226,529	138,914
Footwear industries exc. rubber	278,448	163,352	115,096	249,928	142,492	107,436
Leather and leather prod. exc. footwear	128,735	93,697	35,038	114,515	83,037	31,478
Leather Tanned, curried, and finished	59,306	53,156	6,210	52,226	46,596	5,630
Leather prod. exc. footwear	69,359	40,541	28,828	62,289	36,441	25,848
Stone, clay, and glass products	372,905	327,941	44,964	336,745	293,531	43,214
Glass and glass products	113,997	93,797	20,200	103,617	84,337	19,280
Structural clay products	77,358	73,553	3,805	67,198	63,473	3,725
Other stone and clay products	181,550	160,591	20,959	165,930	146,711	20,219
Cement and concrete, gypsum, and plaster products	73,815	71,299	2,516	67,655	65,899	2,456
Cut-stone and stone products	29,412	28,134	1,278	24,252	23,034	1,198
Pottery and related products	41,544	29,633	11,911	38,984	27,412	11,571
Misc. nonmetallic mineral prod.	36,779	31,525	5,254	34,839	29,845	4,994
Iron and steel and their products	1,411,715	1,312,483	99,232	1,263,215	1,169,623	93,592
Blast furnaces, steel works, and rolling mills	616,699	598,897	19,802	543,319	524,917	18,402
Other iron and steel products	793,016	713,586	79,430	719,896	644,706	75,190
Tin cans and other tinware	37,471	28,237	9,234	34,791	26,237	8,554
Misc. iron and steel industries	755,545	685,349	70,196	685,105	618,909	66,196
Nonferrous metals and their prod.	303,074	260,770	42,304	279,454	239,370	40,084
Nonferrous metal primary prod.	96,114	89,776	6,338	90,264	84,176	6,078
Clocks, watches, jewelry, and silverware	79,966	58,268	21,700	73,166	52,566	20,600
Misc. nonferrous metal prod.	126,994	112,728	14,266	116,034	102,626	13,408
Machinery	1,148,019	974,279	173,731	1,072,250	909,039	163,211
Electrical mach. and equip.	403,104	293,923	109,181	374,684	273,483	101,201
Machinery, except electrical	744,906	680,356	64,550	697,566	635,556	62,010
Agri. machinery and tractors	91,397	86,391	5,006	86,797	81,911	4,886
Office and store machines, equip., and supplies	64,877	51,327	13,550	61,797	49,047	12,750
Miscellaneous machinery	588,632	542,658	45,974	548,972	504,596	44,376
Transportation equipment	962,403	898,556	63,847	880,808	820,876	59,932
Aircraft and parts	110,631	106,106	4,525	107,131	102,526	4,605
Automobiles and automobile equip.	634,711	581,310	53,401	574,931	525,010	49,921
Ship and boat bldg. and repairing	165,524	162,265	3,259	153,364	150,265	3,099
Railroad and misc. trans. equip.	51,337	46,875	2,462	43,377	43,075	302
Other manufacturing industries	606,610	436,601	171,009	526,110	375,201	150,909
Not specified metal industries	45,267	40,708	4,559	39,847	35,009	4,838
Scientific and photographic equip. and supplies	82,861	60,340	22,521	79,641	57,980	21,661
Misc. manufacturing industries	249,691	163,106	86,585	222,631	145,806	77,045
Not specified industries	228,791	171,446	57,345	183,571	135,806	47,765
<b>Transportation, communication, and other public utilities</b>	<b>3,419,553</b>	<b>2,952,487</b>	<b>358,066</b>	<b>3,113,353</b>	<b>2,768,287</b>	<b>345,066</b>
Transportation	2,429,451	2,246,995	182,456	2,177,671	2,100,015	77,656
Air transportation	24,853	22,458	2,395	23,175	20,878	2,297
Railroads and railway express	1,237,839	1,200,361	37,478	1,135,019	1,099,361	35,658
Railroads (incl. repair shops)	1,201,776	1,166,098	35,678	1,100,496	1,066,558	33,938
Railway express service	36,063	34,263	1,800	34,523	32,803	1,720
Street railways and bus lines	212,150	208,443	3,707	202,670	194,363	8,307
Trucking service and warehousing	577,356	557,243	20,113	488,816	470,023	18,793
Trucking service	506,503	492,250	14,253	427,623	414,250	13,373
Warehousing and storage	70,853	64,993	5,860	61,193	55,773	5,420
Water transportation	216,328	210,158	6,170	181,468	175,998	5,470
Other transportation	160,923	153,332	7,591	146,523	139,392	7,131
Petroleum and gasoline pipe lines	19,336	18,991	345	17,536	17,191	345
Taxicab service	91,673	89,708	1,965	83,998	82,128	1,869
Services incidental to trans.	31,727	28,785	2,942	29,047	26,285	2,762
Not specified transportation	18,187	16,848	2,339	15,947	13,788	2,159
Communication	410,480	193,023	217,457	293,300	132,763	160,537
Telephone and telegraph (wire and radio)	383,815	171,759	212,056	308,715	163,270	145,445
Telephone (wire and radio)	325,540	139,601	185,939	315,380	125,461	189,919
Telegraph (wire and radio)	58,275	42,149	16,126	53,325	37,809	15,516
Radio broadcasting and television	26,665	21,273	5,392	24,585	19,493	5,092
Utilities	570,622	512,469	58,153	542,382	485,489	56,893
Electric light and power	350,832	306,448	44,384	335,892	292,508	43,384
Gas works and steam plants	80,654	81,286	9,268	86,294	77,166	9,128
Water and sanitary services	139,236	124,735	14,501	120,196	115,815	4,381

<sup>1</sup> Includes metal engraving (except for printing purposes), plating, and polishing.



**No. 208.—DETAILED INDUSTRY OF PERSONS IN THE EXPERIENCED LABOR FORCE,  
AND OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX:  
1940—Continued**

INDUSTRY	EXPERIENCED LABOR FORCE			EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORK)		
	Total	Male	Female	Total	Male	Female
Wholesale and retail trade.....	8,201,728	5,976,638	2,225,140	7,538,768	5,609,328	2,029,540
Wholesale trade.....	1,394,001	1,090,434	194,567	1,208,761	1,024,914	181,847
Retail trade.....	6,907,727	4,877,154	2,030,573	6,332,007	4,484,314	1,847,693
Food and dairy products stores, and milk retailing.....	1,601,783	1,306,908	294,875	1,499,303	1,206,648	292,755
Food stores, exc. dairy products.....	1,432,554	1,154,737	277,817	1,331,294	1,065,077	266,217
Dairy prod. stores and milk retail.....	169,229	152,171	17,058	158,009	141,471	16,538
General mdse. and variety stores.....	890,400	347,673	542,727	802,640	318,173	484,467
General merchandise stores.....	797,651	323,039	474,613	716,791	294,578	422,213
Limited price variety stores.....	92,749	24,635	68,114	85,849	23,595	62,254
Apparel and accessories stores.....	535,373	294,940	240,433	489,273	288,380	220,893
Apparel and access., exc. shoes.....	406,161	232,819	227,342	420,861	212,279	208,582
Shoe stores.....	75,212	62,121	13,091	68,412	56,101	12,311
Furniture, home furnishings, and equip. stores.....	287,680	239,962	47,634	267,486	222,242	45,244
Furniture and house furnishings.....	187,426	163,263	34,163	175,046	162,483	32,563
Household appliance and radio.....	100,160	86,679	13,481	92,440	79,759	12,681
Motor vehicles and access. retailing.....	350,107	318,519	31,588	331,207	301,059	30,148
Filling stations.....	435,404	419,420	15,984	408,104	394,440	13,664
Drug stores.....	241,277	183,998	57,279	224,697	170,798	53,899
Eating and drinking places.....	1,263,682	720,322	543,360	1,116,202	637,862	478,340
Hardware, farm impl., and bldg. material retail.....	394,817	344,619	40,198	361,917	323,119	38,798
Hdw. and farm impl. stores.....	149,370	132,208	17,162	143,719	127,046	16,673
Lumber and bldg. material retail.....	235,447	212,413	23,034	218,207	196,073	22,134
Other retail stores.....	919,298	700,693	218,605	841,178	641,993	199,185
Liquor stores.....	43,477	38,962	4,515	41,637	37,123	4,514
Retail florists.....	41,571	29,329	12,242	39,151	27,349	11,802
Jewelry stores.....	62,004	48,419	13,585	60,064	46,258	13,806
Fuel and ice retailing.....	200,722	187,073	13,649	179,922	166,793	13,129
Miscellaneous retail stores.....	344,328	289,161	55,167	324,628	243,721	80,907
Not specified retail trade.....	226,196	137,850	88,346	195,756	120,760	75,006
Finance, insurance, and real estate.....	1,546,557	1,076,337	472,220	1,467,597	1,013,297	454,300
Banking and other finance.....	490,040	347,924	151,116	475,060	329,664	145,396
Insurance and real estate.....	1,046,517	728,413	321,104	991,937	683,633	308,304
Insurance.....	545,964	352,967	192,977	524,724	338,587	186,137
Real estate.....	500,553	375,426	128,127	467,213	345,046	122,167
Business and repair services.....	963,614	900,417	63,197	864,254	787,377	76,877
Auto. storage, rental, and repair serv.....	555,352	541,305	14,047	479,692	466,205	13,487
Business and repair serv., exc. auto.....	428,262	359,112	69,150	384,662	321,072	63,590
Advertising.....	79,035	58,419	20,616	71,515	52,439	19,076
Bus. services, exc. advertising.....	161,452	119,267	42,185	145,712	108,007	37,705
Misc. repair serv. and hand trades.....	187,775	181,420	6,355	166,435	160,626	5,809
Personal services.....	4,439,257	1,258,375	3,180,882	4,009,317	1,133,553	2,875,763
Domestic service.....	2,606,519	309,703	2,296,816	2,329,879	266,943	2,062,936
Hotels and lodging places.....	607,575	303,755	303,820	552,655	266,756	285,900
Laundering, cleaning, and dyeing.....	475,303	244,073	231,230	442,803	225,933	216,870
Misc. personal services.....	749,860	400,844	349,016	686,980	378,924	308,056
Amusement, recreation, and related serv- ices.....	481,462	384,343	97,119	395,842	316,063	79,779
Theaters and motion pictures.....	195,409	143,734	51,675	168,129	123,304	44,825
Misc. amusement and recreation.....	286,073	240,619	45,454	227,713	192,759	34,954
Professional and related services.....	3,519,281	1,555,953	1,963,328	3,317,581	1,472,453	1,845,128
Educational services.....	1,884,548	868,177	1,016,371	1,804,988	844,097	1,020,891
Medical and other health services.....	1,058,995	436,871	622,124	1,018,615	425,371	593,244
Legal, engineering, and misc. professional serv- ices.....	378,852	273,820	105,032	348,712	252,960	95,752
Charitable, religious, and membership organi- zations.....	306,886	257,865	130,801	283,000	240,826	135,241
Government.....	1,867,507	1,494,629	372,878	1,783,487	1,414,069	339,418
Postal service.....	311,684	277,697	33,987	306,084	272,817	33,267
National defense.....	310,273	302,016	8,257	305,113	297,134	7,977
Government, n. e. c.....	1,245,550	914,816	330,734	1,142,290	844,116	298,174
Federal government, n. e. c.....	337,174	294,785	112,369	294,114	195,665	98,449
State and local government, n. e. c.....	908,376	620,031	218,365	848,176	648,451	199,725
Industry not reported.....	2,062,266	1,416,210	634,046	688,838	450,670	238,168

Source: Department of Commerce, Bureau of the Census; Sixteenth Census releases, Series P-14, No. 12.

# No. 209.—MAJOR INDUSTRY GROUP OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK) BY SEX BY STATES: 1940

[For definition of "Employed (except on public emergency work)," see note 1, table 105. Classification by industry refers to job in which engaged during week of Mar 24-30, 1940]

DIVISION AND STATE	MALE						
	All industries	Agriculture, forestry, and fishery	Mining	Construction	Manufacturing	Transportation, communication, and other public utilities	Wholesale and retail trade
United States.....	34,027,905	7,968,842	902,061	2,622,032	8,250,590	2,768,267	5,509,228
<b>New England</b> .....	2,131,784	154,369	4,505	138,883	832,338	153,889	322,588
Maine.....	204,215	38,756	555	11,906	68,160	15,062	31,473
New Hampshire.....	124,072	15,559	308	8,895	49,914	7,602	18,639
Vermont.....	96,183	30,283	1,435	5,536	22,767	6,821	12,264
Massachusetts.....	1,050,678	40,153	1,449	67,043	400,369	84,611	209,208
Rhode Island.....	179,082	5,461	177	12,838	78,980	10,844	33,131
Connecticut.....	477,574	26,146	■	32,668	213,768	28,149	77,783
<b>Middle Atlantic</b> .....	7,069,579	442,137	235,385	453,940	2,210,034	700,217	1,320,226
New York.....	3,521,163	286,354	8,614	236,763	968,453	363,343	739,295
New Jersey.....	1,120,137	47,486	3,461	78,994	413,381	111,847	203,726
Pennsylvania.....	2,418,270	188,295	223,310	140,183	828,200	225,027	378,205
<b>East North Central</b> .....	7,078,338	1,207,887	112,270	373,858	2,412,359	593,701	1,142,140
Ohio.....	1,792,154	252,735	32,102	99,325	652,102	156,869	287,697
Indiana.....	901,535	201,228	13,315	49,357	284,027	72,676	134,706
Illinois.....	2,127,496	279,669	48,715	114,598	637,213	223,327	389,614
Michigan.....	1,427,459	210,543	15,679	71,809	613,649	87,731	207,873
Wisconsin.....	829,672	263,712	2,459	38,767	225,168	53,096	122,151
<b>West North Central</b> .....	3,550,389	1,419,016	45,919	179,516	439,238	287,461	575,023
Minnesota.....	722,505	275,987	7,840	36,828	95,017	58,038	122,114
Iowa.....	692,431	303,619	6,313	35,892	82,197	50,622	107,076
Missouri.....	988,641	298,820	12,326	55,649	179,997	87,961	172,295
North Dakota.....	169,741	105,027	972	4,040	4,272	9,129	21,119
South Dakota.....	167,497	96,382	2,840	6,125	7,965	7,775	21,940
Nebraska.....	345,629	159,532	593	16,749	25,024	29,721	55,159
Kansas.....	466,944	179,849	15,935	24,533	44,766	44,615	75,319
<b>South Atlantic</b> .....	4,578,782	1,426,349	151,829	286,251	955,159	316,154	610,421
Delaware.....	76,200	13,784	99	6,847	22,801	7,380	10,614
Maryland.....	509,990	70,471	3,994	38,723	141,781	52,544	82,339
District of Columbia.....	189,587	558	123	19,379	19,216	17,798	36,776
Virginia.....	722,026	219,856	24,055	47,944	145,772	58,873	86,668
West Virginia.....	424,403	77,211	112,773	20,455	77,479	36,342	65,975
North Carolina.....	696,296	374,670	2,871	46,469	225,490	37,478	100,080
South Carolina.....	466,773	208,957	1,315	22,142	110,700	17,609	49,045
Georgia.....	806,694	348,629	4,931	41,127	148,407	46,833	98,110
Florida.....	484,811	112,213	2,568	43,165	66,513	41,597	100,805
<b>East South Central</b> .....	2,662,419	1,279,839	106,464	129,917	390,676	160,733	286,296
Kentucky.....	698,571	303,512	60,239	36,140	77,144	49,029	78,564
Tennessee.....	728,203	299,548	14,326	42,312	128,981	46,641	94,565
Alabama.....	682,366	311,540	30,024	28,478	129,767	35,240	68,041
Mississippi.....	553,279	356,289	1,873	23,967	54,984	19,823	45,107
<b>West South Central</b> .....	3,279,365	1,329,991	112,944	187,488	371,096	224,338	504,166
Arkansas.....	485,846	283,740	5,848	17,069	63,339	22,899	49,108
Louisiana.....	587,901	232,061	14,474	34,512	■	46,259	83,329
Oklahoma.....	530,123	212,090	32,954	25,517	45,854	28,875	54,571
Texas.....	1,675,495	601,500	59,665	109,299	184,515	126,305	287,164
<b>Mountain</b> .....	1,014,363	322,444	79,747	65,868	90,580	95,384	162,348
Montana.....	153,300	58,198	13,407	8,789	12,934	13,711	21,623
Idaho.....	132,748	57,781	6,673	7,133	11,688	9,364	19,319
Wyoming.....	72,709	25,007	6,225	4,121	4,322	8,503	9,154
Colorado.....	271,025	72,097	15,748	17,628	30,812	25,804	48,440
New Mexico.....	112,500	43,901	8,783	8,306	5,923	8,633	16,680
Arizona.....	117,427	30,824	12,701	8,714	9,534	10,463	20,718
Utah.....	120,109	28,451	10,018	7,975	13,913	13,911	21,296
Nevada.....	34,551	6,185	6,212	3,033	1,754	4,907	5,119
<b>Pacific</b> .....	2,572,694	413,422	62,996	206,513	544,010	246,986	535,019
Washington.....	478,325	84,434	5,352	37,005	120,019	46,023	81,208
Oregon.....	303,554	70,411	2,902	20,446	74,194	27,667	51,108
California.....	1,891,017	258,577	44,744	149,063	349,807	173,278	393,703

## No. 209.—MAJOR INDUSTRY GROUP OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX, BY STATES: 1940—Continued

DIVISION AND STATE	MALE—continued						
	Finance, insurance, and real estate	Business and repair services	Personal services	Amuse- ment, rec- reation, and related services	Profes- sional and related services	Govern- ment	Industry not re- ported
United States.....	1,013,297	787,377	1,133,555	316,063	1,472,453	1,414,069	450,579
<b>New England.....</b>	<b>70,439</b>	<b>51,745</b>	<b>82,137</b>	<b>17,748</b>	<b>108,121</b>	<b>98,949</b>	<b>32,298</b>
Maine.....	3,586	5,179	6,504	1,487	8,253	9,295	4,039
New Hampshire.....	2,314	3,170	4,469	853	5,562	4,440	2,347
Vermont.....	1,657	2,434	2,629	519	3,748	4,318	1,763
Massachusetts.....	39,847	26,533	42,603	9,898	59,702	53,413	15,739
Rhode Island.....	4,790	3,959	7,093	1,520	8,062	10,217	2,080
Connecticut.....	18,236	10,480	16,839	3,501	22,794	17,266	7,365
<b>Middle Atlantic.....</b>	<b>341,475</b>	<b>183,586</b>	<b>290,986</b>	<b>74,541</b>	<b>374,017</b>	<b>309,196</b>	<b>123,532</b>
New York.....	216,106	101,091	172,664	47,221	212,705	182,687	65,807
New Jersey.....	58,442	28,654	43,953	9,678	54,253	49,234	23,037
Pennsylvania.....	66,927	53,841	74,369	17,642	106,999	80,294	34,688
<b>East North Central.....</b>	<b>195,377</b>	<b>167,569</b>	<b>195,993</b>	<b>60,454</b>	<b>296,871</b>	<b>296,811</b>	<b>81,939</b>
Ohio.....	46,542	41,835	49,581	15,573	78,500	57,956	21,357
Indiana.....	19,770	19,993	21,717	6,728	39,420	25,947	12,672
Illinois.....	80,313	57,900	71,875	21,036	94,835	84,193	24,010
Michigan.....	32,014	29,970	34,995	11,453	53,100	43,543	14,900
Wisconsin.....	16,638	17,671	17,735	5,660	33,015	24,372	9,019
<b>West North Central.....</b>	<b>69,173</b>	<b>87,145</b>	<b>87,482</b>	<b>27,449</b>	<b>150,722</b>	<b>113,879</b>	<b>42,595</b>
Minnesota.....	19,098	17,958	17,575	6,233	32,477	25,930	7,403
Iowa.....	14,811	16,418	13,733	4,943	27,772	19,888	10,565
Missouri.....	30,751	24,499	31,725	7,581	42,244	32,143	12,650
North Dakota.....	2,339	3,602	2,485	972	6,109	4,997	1,779
South Dakota.....	2,496	3,871	2,680	1,317	6,906	5,283	1,816
Nebraska.....	9,014	8,838	8,016	2,741	14,168	12,814	8,291
Kansas.....	10,766	11,959	11,229	3,653	20,956	18,634	6,030
<b>South Atlantic.....</b>	<b>92,448</b>	<b>77,872</b>	<b>187,892</b>	<b>34,211</b>	<b>168,579</b>	<b>251,429</b>	<b>37,769</b>
Delaware.....	1,932	1,600	2,313	569	2,812	2,208	1,719
Maryland.....	18,282	11,489	17,842	5,204	22,639	37,316	9,306
District of Columbia.....	2,558	4,539	11,670	2,066	13,997	51,677	2,236
Virginia.....	13,584	11,287	21,001	4,078	23,127	56,454	8,717
West Virginia.....	5,540	6,440	8,698	2,496	16,270	9,764	4,072
North Carolina.....	11,344	12,790	24,348	4,764	25,271	21,824	11,058
South Carolina.....	5,985	5,724	12,260	2,074	12,641	14,400	3,896
Georgia.....	12,811	12,639	26,097	4,362	22,426	32,868	8,324
Florida.....	14,419	11,664	22,641	3,568	19,396	22,089	7,273
<b>East South Central.....</b>	<b>37,159</b>	<b>39,618</b>	<b>67,573</b>	<b>12,059</b>	<b>76,839</b>	<b>66,207</b>	<b>27,557</b>
Kentucky.....	10,693	12,554	16,341	4,060	21,733	21,642	7,900
Tennessee.....	12,980	12,620	22,269	3,621	24,025	18,398	7,906
Alabama.....	9,379	8,488	16,912	2,666	17,812	16,968	7,031
Mississippi.....	4,157	5,966	12,071	1,711	13,250	9,191	4,928
<b>West South Central.....</b>	<b>67,772</b>	<b>71,350</b>	<b>109,652</b>	<b>24,778</b>	<b>121,597</b>	<b>115,854</b>	<b>39,137</b>
Arkansas.....	5,062	7,030	10,355	2,393	13,483	9,606	5,912
Louisiana.....	11,056	10,544	19,673	4,684	20,069	18,072	5,786
Oklahoma.....	11,913	13,369	15,843	4,523	24,871	20,284	7,859
Texas.....	39,741	40,407	63,781	13,178	63,174	68,092	18,580
<b>Mountain.....</b>	<b>19,899</b>	<b>26,735</b>	<b>29,329</b>	<b>9,643</b>	<b>47,788</b>	<b>50,376</b>	<b>12,601</b>
Montana.....	2,362	3,700	3,375	1,118	5,649	5,891	1,602
Idaho.....	1,927	3,216	2,976	1,229	5,387	4,256	1,799
Wyoming.....	900	1,892	1,841	568	2,849	6,783	739
Colorado.....	7,619	8,351	9,064	2,478	14,268	14,652	3,913
New Mexico.....	1,388	2,863	3,344	831	5,537	4,591	1,801
Arizona.....	2,061	3,000	4,690	1,342	6,101	5,796	1,483
Utah.....	3,138	3,139	3,228	1,171	6,880	5,639	1,600
Nevada.....	504	835	1,360	929	1,317	1,807	600
<b>Pacific.....</b>	<b>93,547</b>	<b>62,957</b>	<b>112,132</b>	<b>58,168</b>	<b>126,936</b>	<b>167,377</b>	<b>39,797</b>
Washington.....	13,737	12,644	14,434	4,316	22,174	31,326	5,645
Oregon.....	7,492	8,392	8,794	2,791	13,681	11,484	4,189
California.....	78,338	61,021	88,914	48,061	100,083	124,547	29,879

**No. 209.—MAJOR INDUSTRY GROUP OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX, BY STATES: 1940—Continued**

DIVISION AND STATE	FEMALE						
	All indus- tries	Agricul- ture, for- estry, and fishery	Mining	Con- struction	Manu- facturing	Trans- porta- tion, com- municat- ion, and other public utilities	Whole- sale and retail trade
<b>United States.....</b>	<b>11,138,178</b>	<b>487,889</b>	<b>10,939</b>	<b>34,242</b>	<b>2,322,253</b>	<b>345,084</b>	<b>2,029,540</b>
<b>New England.....</b>	<b>928,343</b>	<b>4,851</b>	<b>128</b>	<b>2,725</b>	<b>335,851</b>	<b>28,456</b>	<b>138,751</b>
Maine.....	74,821	966	7	144	23,482	2,128	10,814
New Hampshire.....	51,927	521	10	113	19,816	1,346	6,307
Vermont.....	28,929	582	20	56	4,708	1,035	4,060
Massachusetts.....	484,109	1,466	66	1,567	183,796	13,427	78,334
Rhode Island.....	85,641	164	12	226	42,310	1,887	11,534
Connecticut.....	202,916	1,162	13	619	81,939	4,831	26,213
<b>Middle Atlantic.....</b>	<b>2,714,174</b>	<b>14,386</b>	<b>2,016</b>	<b>9,599</b>	<b>792,118</b>	<b>87,899</b>	<b>454,320</b>
New York.....	1,453,356	6,816	285	5,615	368,967	49,337	243,497
New Jersey.....	448,922	2,332	99	1,384	158,468	15,069	82,504
Pennsylvania.....	811,897	5,238	1,632	2,600	244,691	23,473	150,319
<b>East North Central.....</b>	<b>2,178,474</b>	<b>32,098</b>	<b>1,188</b>	<b>7,506</b>	<b>508,128</b>	<b>78,998</b>	<b>478,846</b>
Ohio.....	652,813	5,497	328	2,012	181,096	14,827	121,057
Indiana.....	250,148	4,090	155	849	61,558	7,506	53,473
Illinois.....	746,933	5,583	493	2,649	184,278	34,349	170,870
Michigan.....	397,494	5,526	167	1,335	86,144	12,036	87,875
Wisconsin.....	231,086	11,452	48	661	45,063	7,691	45,870
<b>West North Central.....</b>	<b>963,146</b>	<b>30,173</b>	<b>488</b>	<b>2,809</b>	<b>117,419</b>	<b>35,774</b>	<b>214,154</b>
Minnesota.....	208,994	7,009	96	628	20,942	7,126	50,582
Iowa.....	170,380	5,403	30	816	16,530	6,140	37,835
Missouri.....	308,468	7,220	132	844	64,907	11,058	65,850
North Dakota.....	33,635	1,997	16	43	730	1,029	6,349
South Dakota.....	37,017	2,056	27	83	1,304	1,169	8,072
Nebraska.....	87,798	2,622	13	261	4,701	4,064	19,331
Kansas.....	118,693	3,866	176	334	8,305	5,199	26,126
<b>South Atlantic.....</b>	<b>1,636,316</b>	<b>159,714</b>	<b>597</b>	<b>3,762</b>	<b>315,292</b>	<b>32,384</b>	<b>209,096</b>
Delaware.....	26,427	461	8	122	6,843	630	4,124
Maryland.....	180,921	2,280	30	646	38,697	5,807	32,410
District of Columbia.....	119,318	20	2	351	3,028	3,334	15,806
Virginia.....	211,032	9,707	111	693	41,909	8,227	28,928
West Virginia.....	94,699	2,387	596	245	14,108	2,798	18,416
North Carolina.....	310,394	34,380	43	602	100,049	3,645	26,623
South Carolina.....	194,300	52,845	16	221	40,217	1,577	12,859
Georgia.....	200,718	40,534	47	667	56,322	5,657	31,569
Florida.....	198,522	17,060	44	696	13,625	3,814	38,361
<b>East South Central.....</b>	<b>748,161</b>	<b>130,615</b>	<b>574</b>	<b>1,428</b>	<b>104,528</b>	<b>14,287</b>	<b>95,215</b>
Kentucky.....	146,992	6,065	313	467	23,660	4,815	27,747
Tennessee.....	213,511	13,481	71	478	43,435	4,723	31,069
Alabama.....	211,482	45,041	148	319	25,652	3,230	21,854
Mississippi.....	174,176	66,008	42	164	11,781	1,989	14,545
<b>West South Central.....</b>	<b>872,816</b>	<b>85,111</b>	<b>3,638</b>	<b>2,271</b>	<b>48,869</b>	<b>24,740</b>	<b>167,577</b>
Arkansas.....	98,098	17,795	54	162	4,377	2,017	15,172
Louisiana.....	183,241	24,067	345	424	11,732	4,264	29,297
Oklahoma.....	128,616	5,835	2,055	341	4,904	4,487	20,012
Texas.....	462,860	37,614	1,384	1,244	27,076	13,972	94,096
<b>Mountain.....</b>	<b>246,891</b>	<b>8,908</b>	<b>694</b>	<b>559</b>	<b>15,344</b>	<b>9,259</b>	<b>57,446</b>
Montana.....	82,264	1,580	119	79	813	1,172	7,692
Idaho.....	25,858	1,081	62	54	871	1,064	6,635
Wyoming.....	13,866	584	57	23	279	492	3,167
Colorado.....	78,710	1,949	149	341	4,755	3,138	18,906
New Mexico.....	27,769	1,268	66	59	3,050	667	4,953
Arizona.....	32,746	1,831	106	111	3,065	796	6,771
Utah.....	28,777	414	84	68	2,401	1,671	7,009
Nevada.....	6,911	201	30	24	110	269	1,698
<b>Pacific.....</b>	<b>849,856</b>	<b>21,223</b>	<b>1,114</b>	<b>2,463</b>	<b>56,477</b>	<b>36,119</b>	<b>215,237</b>
Washington.....	129,347	3,998	77	436	10,988	5,492	34,911
Oregon.....	86,244	2,979	51	256	7,385	3,116	22,586
California.....	634,304	14,256	986	2,792	67,104	26,511	157,840

**No. 209.—MAJOR INDUSTRY GROUP OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK BY SEX, BY STATES: 940—Continued**

DIVISION AND STATE	FEMALE—continued						
	Finance, insurance, and real estate	Business and repair services	Personal services	Amuse- ment, rec- reation, and related services	Profes- sional and related services	Govern- ment	Industry not re- ported
<b>United States</b> .....	454,300	76,677	2,875,762	79,279	1,845,126	339,418	236,266
<b>New England</b> .....	40,292	4,994	176,422	4,132	154,342	22,058	20,141
Maine.....	1,634	296	19,821	325	12,231	2,036	1,447
New Hampshire.....	1,198	230	11,645	175	8,448	1,207	1,009
Vermont.....	859	147	9,706	99	6,045	887	735
Massachusetts.....	22,835	3,132	86,889	2,548	85,075	11,840	11,154
Rhode Island.....	2,468	318	12,323	250	11,176	1,706	1,262
Connecticut.....	11,298	886	36,028	735	31,867	4,282	4,544
<b>Middle Atlantic</b> .....	139,422	24,931	581,324	21,337	439,072	64,977	81,675
New York.....	82,303	16,678	320,787	14,662	241,392	34,950	48,016
New Jersey.....	29,699	2,898	85,284	2,203	64,992	8,921	14,049
Pennsylvania.....	27,360	4,455	174,253	4,472	132,688	21,106	19,610
<b>East North Central</b> .....	99,662	18,841	480,241	14,889	367,162	55,453	44,668
Ohio.....	20,534	4,114	127,895	2,586	94,194	14,072	11,202
Indiana.....	9,071	1,601	56,912	1,458	41,131	6,832	5,613
Illinois.....	36,902	8,136	152,833	5,660	115,609	15,683	13,940
Michigan.....	16,064	3,605	91,296	2,998	78,000	11,543	8,805
Wisconsin.....	8,091	1,485	51,805	1,187	46,418	6,423	5,405
<b>West North Central</b> .....	41,162	6,699	247,310	5,941	209,272	32,246	19,482
Minnesota.....	9,628	1,646	51,809	1,368	47,318	6,841	3,943
Iowa.....	7,006	1,276	44,063	1,120	40,731	4,849	4,729
Missouri.....	13,005	2,243	78,112	1,857	50,444	7,635	5,187
North Dakota.....	913	124	9,716	131	9,692	2,084	832
South Dakota.....	1,944	178	8,933	193	10,900	2,132	925
Nebraska.....	4,859	603	23,084	567	22,258	3,878	1,670
Kansas.....	4,705	629	31,513	725	27,932	4,827	2,645
<b>South Atlantic</b> .....	28,162	5,367	546,121	6,874	214,469	78,006	26,172
Delaware.....	917	144	7,779	88	3,912	645	854
Maryland.....	6,972	944	51,324	951	27,215	8,729	4,907
District of Columbia.....	6,062	739	35,180	644	15,830	37,622	1,406
Virginia.....	5,329	596	72,716	825	32,203	9,527	3,291
West Virginia.....	1,838	370	28,026	473	19,143	3,556	2,143
North Carolina.....	4,072	581	91,085	933	38,413	5,361	4,707
South Carolina.....	2,067	256	58,828	480	20,175	2,897	1,862
Georgia.....	5,548	880	115,613	1,102	32,560	5,051	3,748
Florida.....	5,367	857	83,970	1,368	24,957	4,418	3,075
<b>East South Central</b> .....	14,755	2,277	265,509	2,652	96,524	16,768	11,639
Kentucky.....	4,452	779	47,842	653	25,236	4,404	3,007
Tennessee.....	5,288	806	75,432	815	30,071	4,858	2,964
Alabama.....	3,305	463	77,790	636	25,565	4,418	3,061
Mississippi.....	1,710	229	54,425	516	17,652	3,068	2,027
<b>West South Central</b> .....	27,629	3,920	322,982	5,947	143,427	24,044	13,240
Arkansas.....	2,072	259	35,667	507	15,049	3,100	1,867
Louisiana.....	3,938	629	74,121	1,290	26,327	4,847	1,960
Oklahoma.....	5,111	724	40,249	961	26,889	5,156	3,092
Texas.....	16,508	2,308	172,945	3,189	75,162	10,941	6,321
<b>Mountain</b> .....	9,201	1,762	61,933	2,352	56,867	12,631	5,615
Montana.....	1,108	205	7,785	357	8,509	2,016	769
Idaho.....	757	144	6,911	243	6,292	1,371	673
Wyoming.....	378	■	3,774	117	3,783	856	226
Colorado.....	3,946	752	20,245	631	18,727	3,353	1,918
New Mexico.....	592	135	8,095	194	6,424	1,674	660
Arizona.....	914	175	9,653	325	6,976	1,440	584
Utah.....	1,269	197	6,787	206	6,094	1,634	643
Nevada.....	177	54	1,983	179	1,482	487	212
<b>Pacific</b> .....	53,015	8,966	201,920	15,135	159,963	33,035	16,016
Washington.....	7,707	1,315	30,088	1,412	25,545	4,751	2,627
Oregon.....	4,257	844	20,834	932	17,546	3,493	1,966
California.....	41,051	6,827	150,998	12,791	116,892	24,791	11,423

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II.

No. 210.—FARM EMPLOYMENT—AVERAGE NUMBER OF PERSONS EMPLOYED: 1900 TO 1947

[In thousands]

YEAR	NUMBER OF WORKERS			YEAR	NUMBER OF WORKERS		
	Total	Family <sup>1</sup>	Hired		Total	Family <sup>1</sup>	Hired
1909.....	12,209	9,341	2,868	1929.....	11,289	8,305	2,984
1910.....	12,146	9,269	2,877	1930.....	11,173	8,323	2,850
1911.....	12,042	9,172	2,870	1931.....	11,159	8,469	2,690
1912.....	12,038	9,149	2,889	1932.....	11,069	8,571	2,498
1913.....	12,033	9,128	2,905	1933.....	11,023	8,590	2,433
1914.....	12,000	9,081	2,919	1934.....	10,852	8,506	2,346
1915.....	11,981	9,047	2,934	1935.....	11,131	8,702	2,429
1916.....	12,016	9,050	2,966	1936.....	11,047	8,486	2,561
1917.....	11,789	8,856	2,933	1937.....	10,892	8,261	2,631
1918.....	11,348	8,507	2,841	1938.....	10,789	8,169	2,620
1919.....	11,106	8,322	2,784	1939.....	10,740	8,145	2,595
1920.....	11,362	8,479	2,883	1940.....	10,585	8,019	2,566
1921.....	11,412	8,511	2,901	1941.....	10,361	7,829	2,532
1922.....	11,443	8,528	2,915	1942.....	10,397	7,855	2,542
1923.....	11,385	8,491	2,894	1943.....	10,263	7,857	2,406
1924.....	11,362	8,488	2,874	1944.....	10,037	7,810	2,227
1925.....	11,448	8,577	2,871	1945.....	9,844	7,726	2,118
1926.....	11,534	8,507	3,027	1946.....	10,010	7,862	2,148
1927.....	11,246	8,296	2,950	1947.....	10,157	7,930	2,227
1928.....	11,296	8,340	2,956				

<sup>1</sup> Includes farm operators and members of their families doing farm work without wages.  
Source: Department of Agriculture, Bureau of Agricultural Economics; Farm Labor, Jan. 1948.

No. 211.—FARM EMPLOYMENT—AVERAGE NUMBER OF PERSONS EMPLOYED, BY GEOGRAPHIC DIVISIONS, FOR SELECTED MONTHS: 1947

[In thousands]

DIVISION	TOTAL WORKERS				FAMILY WORKERS <sup>1</sup>			
	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1	July 1	Oct. 1
United States.....	8,272	9,242	11,518	11,790	6,747	7,571	8,833	8,896
New England.....	207	222	282	262	155	160	170	171
Middle Atlantic.....	510	559	740	682	366	397	453	419
East North Central.....	1,244	1,368	1,496	1,440	1,072	1,182	1,220	1,188
West North Central.....	1,432	1,499	1,798	1,709	1,255	1,321	1,503	1,395
South Atlantic.....	1,450	1,708	2,279	2,259	1,164	1,359	1,817	1,769
East South Central.....	1,268	1,480	1,740	2,044	1,116	1,330	1,533	1,713
West South Central.....	1,357	1,490	1,966	2,120	1,087	1,214	1,520	1,631
Mountain.....	346	399	488	506	262	291	306	319
Pacific.....	458	517	729	678	270	317	311	291

<sup>1</sup> Includes farm operators and members of their families doing farm work without wages.  
Source: Department of Agriculture, Bureau of Agricultural Economics; monthly report, Farm Labor.



**No. 212.—FARM WAGE RATES AND INDEX NUMBERS, FOR THE UNITED STATES, 1916 TO 1947, AND BY GEOGRAPHIC DIVISIONS, JULY 1945 TO OCT. 1947**

[Estimates from 1916 to 1922 based on annual reports from crop correspondents regarding average wage rates in their locality as of Apr. 1; thereafter, based on weighted averages of quarterly reports as of first day of January, April, July, and October]

YEAR	FARM WAGE RATES (AVERAGE)				Index numbers of farm wage rates (1910-14= 100)	YEAR	FARM WAGE RATES (AVERAGE)				Index numbers of farm wage rates (1910-14= 100)
	Per month—		Per day—				Per month—		Per day—		
	With board	With- out board	With board	With- out board			With board	With- out board	With board	With- out board	
1916	\$25.17	\$32.84	\$1.31	\$1.58	112	1932	\$20.85	\$28.88	\$0.94	\$1.20	96
1917	31.11	40.52	1.65	1.98	141	1933	18.07	25.67	.85	1.11	85
1918	37.96	48.80	2.15	2.54	177	1934	20.24	28.19	.98	1.26	98
1919	43.29	56.63	2.54	3.03	207	1935	22.42	30.24	1.07	1.33	103
1920	51.73	65.40	2.98	3.46	242	1936	24.53	32.28	1.15	1.42	111
1921	33.62	44.67	1.77	2.12	155	1937	28.00	36.32	1.33	1.61	126
1922	32.75	43.33	1.73	2.07	151	1938	27.73	36.18	1.31	1.59	125
1923	37.24	48.25	1.89	2.25	169	1939	27.39	35.82	1.30	1.56	123
1924	37.92	49.32	1.94	2.29	173	1940	28.05	36.68	1.36	1.61	128
1925	38.77	49.90	1.97	2.29	176	1941	34.85	43.64	1.69	1.93	164
1926	39.87	50.83	1.98	2.31	179	1942	■	55.91	2.19	2.49	201
1927	40.11	50.85	1.98	2.28	179	1943	61.91	73.51	2.87	3.27	264
1928	40.11	50.72	1.98	2.27	179	1944	74.00	85.70	■	■	315
1929	40.81	51.22	1.96	2.25	180	1945	82.30	95.40	■	4.34	350
1930	37.69	48.10	1.75	2.08	167	1946	88.90	103.00	4.18	4.74	378
1931	28.77	■	1.32	1.62	130	1947	96.00	111.00	4.50	5.10	408

BASIS OF RATE AND DIVISION	1945		1946				1947			
	July 1	Oct. 1	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1	July 1	Oct. 1
<b>Per month with board:</b>										
United States	\$85.80	\$84.80	\$80.25	\$82.80	\$82.00	\$81.40	\$88.48	\$91.58	\$98.76	\$97.80
New England	86.40	89.00	83.20	88.10	91.50	■	94.80	95.40	96.80	98.70
Middle Atlantic	78.00	77.50	74.20	83.30	87.70	89.00	86.43	91.30	94.40	96.00
East North Central	74.20	75.10	73.70	80.30	83.00	85.10	84.90	89.00	■	92.70
West North Central	89.90	93.50	77.50	90.50	94.00	97.40	86.40	95.90	102.00	103.00
South Atlantic	43.90	42.50	47.80	48.80	49.80	49.00	53.30	51.80	51.50	52.00
East South Central	39.50	39.50	39.80	40.40	43.20	45.00	44.20	44.00	46.10	48.00
West South Central	60.30	61.50	60.80	58.80	63.90	62.20	66.20	65.80	68.80	70.70
Mountain	111.00	112.00	102.00	105.00	114.00	117.00	108.00	114.00	125.00	127.00
Pacific	143.00	143.00	137.00	141.00	152.00	160.00	151.00	149.00	151.00	151.00
<b>Per month without board:</b>										
United States	98.00	95.70	95.30	97.40	106.00	104.00	106.00	107.00	114.00	112.00
New England	126.00	128.00	122.00	129.00	133.00	137.00	136.00	139.00	139.00	143.00
Middle Atlantic	110.00	110.00	108.00	115.00	120.00	120.00	120.00	126.00	129.00	132.00
East North Central	100.00	101.00	100.00	108.00	111.00	113.00	114.00	118.00	118.00	123.00
West North Central	115.00	118.00	103.00	115.00	120.00	125.00	114.00	123.00	130.00	134.00
South Atlantic	59.40	57.90	65.20	65.80	■	68.10	74.70	73.00	71.80	71.80
East South Central	53.50	54.30	53.90	56.30	59.00	61.50	61.70	60.90	64.20	67.30
West South Central	80.10	81.40	81.80	80.50	88.50	85.60	91.00	91.00	91.10	95.80
Mountain	143.00	143.00	134.00	137.00	146.00	148.00	142.00	152.00	160.00	163.00
Pacific	182.00	186.00	174.00	180.00	190.00	186.00	188.00	190.00	192.00	190.00
<b>Per day with board:</b>										
United States	2.86	2.98	3.76	3.81	4.25	4.36	4.15	4.17	4.84	4.79
New England	4.26	4.41	4.08	4.62	4.89	5.19	5.08	4.96	5.12	5.20
Middle Atlantic	4.14	4.17	4.00	4.23	4.58	4.90	4.64	4.76	4.93	5.19
East North Central	4.06	4.16	4.06	4.18	4.49	4.61	4.62	4.61	4.88	5.07
West North Central	4.60	5.43	4.23	4.63	4.97	5.44	4.68	4.82	5.24	6.07
South Atlantic	2.44	2.49	2.74	2.75	2.86	2.95	3.11	3.11	3.02	3.16
East South Central	2.15	2.20	2.21	2.18	2.39	2.64	2.64	2.50	2.62	2.91
West South Central	3.16	3.24	3.21	3.18	3.54	3.52	3.41	3.38	■	4.02
Mountain	5.00	5.33	4.69	4.86	5.24	5.86	4.90	5.09	5.76	6.06
Pacific	6.37	6.61	6.32	6.28	6.70	6.95	6.67	6.56	■	7.02
<b>Per day without board:</b>										
United States	4.48	4.29	4.40	4.36	4.84	4.94	■	4.77	5.17	5.26
New England	5.50	5.59	5.25	5.59	5.84	6.33	6.23	6.25	6.44	6.68
Middle Atlantic	5.11	5.18	■	5.21	5.63	6.06	5.72	5.84	6.07	6.49
East North Central	4.95	5.00	4.92	5.12	5.35	5.60	5.52	5.62	■	6.07
West North Central	5.64	6.47	5.14	5.69	6.16	6.60	5.80	6.15	6.52	7.37
South Atlantic	3.01	3.05	3.40	3.35	3.48	3.65	3.86	3.80	3.75	3.82
East South Central	2.70	2.78	2.79	2.82	3.08	3.29	■	3.15	■	3.53
West South Central	3.74	3.83	3.83	3.76	4.06	4.17	4.11	4.06	4.25	4.63
Mountain	3.97	6.21	3.54	5.72	■	6.41	■	6.10	6.66	7.26
Pacific	7.89	8.00	7.67	7.68	8.23	8.61	8.27	7.93	8.21	8.56

Source: Department of Agriculture, Bureau of Agricultural Economics; monthly report, Farm Labor.

No. 218.—ESTIMATED NUMBER OF WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS BY INDUSTRY GROUPS: 1929 TO 1947

[In thousands. Includes all full- and part-time wage and salary workers in nonagricultural establishments who worked or received pay during pay period ending nearest 15th of month. Excludes proprietors, self-employed persons, domestic servants, and personnel of the armed forces. Adjusted to levels indicated by data through 1945 made available by Bureau of Employment Security, Federal Security Agency. Revisions of these data in preparation; available from Bureau of Labor Statistics]

YEARLY AND QUARTERLY AVERAGE	Total	Manu- factur- ing	Mining	Con- struc- tion	Trans- porta- tion and public utilities	Trade	Fi- nance	Serv- ice	Gov- ern- ment
1929.....	31,041	10,534	1,078	1,497	3,907	6,401	1,431	3,127	3,066
1930.....	29,143	9,401	1,000	1,372	3,675	6,064	1,398	3,084	3,149
1931.....	26,383	8,021	864	1,214	3,243	5,531	1,333	2,913	3,264
1932.....	23,377	6,797	722	970	2,804	4,907	1,270	2,682	3,225
1933.....	23,466	7,258	735	809	2,659	4,999	1,225	2,614	3,167
1934.....	25,699	8,346	874	862	2,736	5,552	1,247	2,784	3,298
1935.....	26,792	8,907	888	912	2,771	5,692	1,262	2,883	3,477
1936.....	28,802	9,653	937	1,145	2,956	6,076	1,313	3,060	3,662
1937.....	30,718	10,606	1,006	1,112	3,114	6,543	1,355	3,233	3,749
1938.....	28,902	9,253	882	1,055	2,840	6,453	1,347	3,196	3,876
1939.....	30,287	10,078	845	1,150	2,912	6,705	1,382	3,228	3,987
1940.....	32,031	10,780	916	1,294	3,013	7,055	1,419	3,362	4,192
1941.....	36,164	12,974	947	1,790	3,248	7,567	1,462	3,554	4,022
1942.....	39,697	15,051	983	2,170	3,433	7,481	1,440	3,708	5,431
1943.....	42,042	17,381	917	1,567	3,619	7,322	1,401	3,786	6,049
1944.....	41,480	17,111	883	1,094	3,798	7,399	1,374	3,795	6,026
1945.....	39,977	15,302	826	1,082	3,872	7,654	1,383	3,891	5,967
1946.....	40,712	14,365	836	1,493	4,023	8,448	1,523	4,430	5,595
1947 (prel.).....	42,529	15,549	885	1,733	4,049	8,708	1,572	4,622	5,412
Jan.-Mar.....	41,898	15,452	881	1,521	4,015	8,541	1,548	4,551	5,389
Apr.-June.....	42,035	15,331	878	1,691	3,974	8,560	1,561	4,618	5,424
July-Sept.....	42,621	15,543	885	1,882	4,131	8,611	1,592	4,646	5,331
Oct.-Dec. (prel.).....	43,562	15,870	896	1,837	4,075	9,120	1,588	4,674	5,502

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures published currently in Monthly Labor Review and in mimeographed releases.

No. 214.—ESTIMATED NUMBER (ANNUAL AVERAGE) OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES, BY MAJOR INDUSTRY GROUPS: 1940 TO 1947

[In thousands. Adjusted to levels indicated by data through 1945 made available by Bureau of Employment Security, Federal Security Agency. Revisions of these data in preparation; available from Bureau of Labor Statistics]

INDUSTRY	1940	1941	1942	1943	1944	1945	1946	1947 <sup>1</sup>
All manufacturing.....	8,811	10,825	12,617	14,560	14,126	12,437	11,630	12,618
Durable goods.....	4,172	5,554	6,997	8,727	8,506	6,951	5,805	6,482
Iron and steel and their products.....	1,134	1,430	1,592	1,761	1,734	1,565	1,394	1,570
Electrical machinery.....	305	446	560	741	765	638	509	577
Machinery, except electrical.....	630	869	1,096	1,293	1,246	1,109	1,044	1,185
Transportation equipment, except automobiles.....	275	598	1,539	2,508	2,393	1,489	480	444
Automobiles.....	465	570	510	714	732	605	661	787
Nonferrous metals and their products.....	267	345	389	449	436	387	377	408
Lumber and timber basic products.....	442	535	560	535	516	488	549	649
Furniture and finished lumber products.....	343	391	380	366	352	344	393	437
Stone, clay, and glass products.....	309	371	371	360	332	325	397	425
Nondurable goods.....	4,639	5,270	5,621	5,834	5,621	5,485	5,825	6,135
Textile-mill products and other fiber manufactures.....	1,124	1,283	1,285	1,237	1,130	1,072	1,187	1,213
Apparel and other finished textile products.....	796	907	939	958	934	914	1,016	1,111
Leather and leather products.....	335	375	372	340	319	318	356	360
Food.....	864	940	1,025	1,056	1,090	1,080	1,094	1,171
Tobacco manufactures.....	92	94	95	91	84	82	86	86
Paper and allied products.....	278	314	315	324	319	321	367	384
Printing, publishing, and allied industries.....	329	341	331	331	326	336	396	426
Chemicals and allied products.....	319	416	605	734	660	632	534	563
Products of petroleum and coal.....	112	120	125	125	131	137	152	150
Rubber products.....	127	156	155	194	204	196	223	225
Miscellaneous industries.....	265	324	373	445	424	398	416	437

<sup>1</sup> Preliminary.

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures published currently in the Monthly Labor Review and mimeographed releases.

**No. 215.—INDEXES OF PRODUCTION-WORKER EMPLOYMENT AND PAY ROLLS (WEEKLY)  
IN MANUFACTURING, BY MONTHS: 1941 TO 1947**

[1939 average=100. Adjusted to levels indicated by data through 1946 made available by Bureau of Employment Security, Federal Security Agency. Revisions of these data in preparation; available from Bureau of Labor Statistics]

YEAR	Jan	Feb	Mar	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
<b>ALL MANUFACTURING</b>													
<b>EMPLOYMENT</b>													
1941	116.9	120.0	122.7	125.8	128.6	132.0	135.5	138.4	141.2	141.8	141.3	141.1	132.1
1942	140.0	142.6	144.8	147.0	149.9	151.0	154.8	159.0	162.1	163.7	166.6	168.7	154.0
1943	170.1	172.6	174.6	175.4	175.8	178.3	180.2	181.4	180.8	181.4	181.9	181.9	177.7
1944	178.3	178.0	176.2	173.8	172.3	172.2	171.9	172.0	170.1	168.5	167.7	168.3	172.4
1945	168.2	168.7	167.7	165.2	162.5	160.0	155.6	151.7	130.8	129.9	130.5	130.9	161.8
1946	132.6	128.9	132.1	138.5	139.6	141.9	143.6	147.7	149.5	149.6	152.0	152.6	142.0
1947	152.7	153.7	154.0	152.9	150.6	151.4	150.1	154.3	156.6	156.9	157.3	158.2	154.1
<b>PAY ROLL</b>													
1941	132.6	140.3	145.9	150.2	151.3	170.5	172.0	178.8	184.8	190.2	188.6	195.1	167.5
1942	201.1	208.8	216.0	222.4	230.1	236.2	245.1	258.1	268.0	276.2	287.0	295.4	245.2
1943	300.7	308.9	318.0	324.9	330.4	336.1	335.8	343.1	349.5	354.9	359.7	350.7	334.4
1944	351.6	352.7	350.5	345.0	343.3	348.6	339.6	343.1	341.9	342.8	341.0	346.7	345.7
1945	347.0	347.5	345.7	338.5	324.9	321.6	306.6	273.6	228.7	227.7	227.7	231.4	293.4
1946	234.1	214.3	238.8	254.8	258.5	262.8	267.1	284.4	290.3	292.8	298.2	304.2	268.4
1947	307.3	310.6	314.1	310.7	312.2	319.6	314.2	336.9	341.6	345.0	350.3	354.3	324.3
<b>DURABLE GOODS GROUP<sup>1</sup></b>													
<b>EMPLOYMENT</b>													
1941	132.9	136.5	140.2	145.2	149.8	154.7	158.5	159.8	164.3	167.1	168.1	168.5	153.8
1942	160.2	172.6	176.3	180.8	185.0	190.2	195.7	201.7	205.8	210.8	215.8	221.5	193.8
1943	225.9	230.5	234.9	237.5	239.1	243.0	245.5	246.5	246.8	249.3	251.3	249.8	241.7
1944	247.3	246.3	243.8	240.1	237.9	236.8	234.5	233.4	229.6	226.6	225.0	225.8	235.6
1945	226.9	227.6	225.7	221.6	216.4	210.0	201.6	193.4	148.5	146.2	147.1	145.1	192.5
1946	147.9	128.2	141.7	158.9	159.0	162.4	165.7	170.6	173.1	173.9	176.7	177.0	160.8
1947	178.0	180.1	180.9	180.8	178.0	179.7	174.7	177.3	179.3	180.6	182.2	183.9	179.6
<b>PAY ROLL</b>													
1941	155.2	164.8	171.8	178.8	198.4	208.7	207.8	214.3	222.4	233.5	232.9	242.0	202.3
1942	250.3	266.5	277.2	288.5	301.7	314.3	327.3	346.8	358.8	374.1	393.0	403.2	326.6
1943	415.2	428.3	441.6	454.0	463.5	471.3	471.4	480.9	494.7	504.1	511.8	509.9	460.5
1944	498.7	498.3	494.2	488.7	486.3	485.8	471.8	478.0	471.0	474.1	468.8	476.1	482.5
1945	476.9	478.7	472.1	460.6	438.1	426.4	400.4	346.0	252.5	250.5	248.4	247.4	374.7
1946	249.9	204.2	244.8	275.7	275.1	289.1	296.3	316.1	323.3	328.1	331.1	337.3	299.3
1947	340.0	344.6	349.9	349.9	353.8	365.9	350.1	356.9	372.0	379.3	384.7	396.7	362.2
<b>NONDURABLE GOODS GROUP<sup>2</sup></b>													
<b>EMPLOYMENT</b>													
1941	104.4	107.0	106.9	110.6	111.9	114.2	117.3	121.6	123.1	121.8	120.2	119.5	115.0
1942	117.0	119.0	120.0	120.5	120.4	120.1	122.5	125.4	127.7	126.6	126.1	127.0	122.7
1943	126.2	126.8	127.1	126.5	125.9	127.4	128.7	130.1	128.8	127.9	127.3	125.5	127.4
1944	123.9	124.2	123.1	121.5	120.5	121.4	122.5	123.7	123.3	122.7	122.5	123.0	122.7
1945	122.0	122.2	122.0	120.8	119.9	120.6	119.3	118.9	116.9	117.0	117.5	119.5	119.7
1946	120.5	122.8	124.4	124.8	124.3	125.7	126.2	129.7	130.9	130.4	132.5	133.6	127.2
1947	132.8	133.0	132.8	130.9	129.1	129.1	130.7	136.2	138.8	138.2	137.6	138.0	133.9
<b>PAY ROLL</b>													
1941	110.5	116.5	120.6	122.2	127.9	133.2	136.9	144.0	148.1	147.9	145.3	149.3	133.6
1942	147.1	152.4	156.1	157.8	160.1	159.9	164.7	171.3	176.4	180.5	183.4	190.0	166.6
1943	188.6	192.1	197.1	198.7	200.3	203.8	203.2	208.4	207.6	208.9	211.0	207.7	202.3
1944	207.8	210.3	209.9	204.6	207.5	210.6	210.4	213.2	215.6	216.3	216.0	220.2	211.9
1945	220.0	221.1	222.2	219.1	214.1	219.6	214.9	202.8	205.5	205.4	207.4	215.7	214.0
1946	218.7	224.1	232.1	234.4	232.3	237.0	238.5	253.4	258.1	258.3	266.0	275.8	244.1
1947	275.3	277.4	279.2	272.3	271.5	274.2	279.1	290.4	302.5	304.7	306.3	314.8	287.3

<sup>1</sup> Iron and steel and their products; electrical machinery; machinery, except electrical; transportation equipment, except automobiles; automobiles, nonferrous metals and their products; lumber and timber basic products; furniture and finished lumber products; and stone, clay, and glass products.

<sup>2</sup> Textile-mill products and other fiber manufactures; apparel and other finished textile products; leather and leather products; foods; tobacco manufactures; paper and allied products; printing, publishing, and allied industries; chemicals and allied products; products of petroleum and coal; rubber products; and miscellaneous manufacturing industries.

Source: Department of Labor, Bureau of Labor Statistics. Indexes published currently in Monthly Labor Review and in mimeographed releases.

# No. 216.—INDEXES OF PRODUCTION-WORKER EMPLOYMENT IN MANUFACTURING INDUSTRIES, BY MONTHS (ADJUSTED FOR SEASONAL VARIATIONS): 1939 TO 1947

[1939 average=100. Indexes based upon data shown in table 215]

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
1939.....	95.9	96.3	97.1	97.4	97.5	98.2	98.9	99.9	101.6	104.7	105.5	106.3	100.0
1940.....	106.0	104.8	104.0	103.2	103.5	104.2	105.2	107.7	109.5	111.5	114.1	116.6	107.5
1941.....	118.8	120.5	122.9	120.3	129.8	133.3	136.6	136.1	138.8	139.5	139.9	140.6	132.1
1942.....	141.4	143.3	145.4	147.8	149.9	151.9	154.7	157.5	160.2	162.9	165.1	168.3	154.0
1943.....	170.7	173.1	175.1	176.2	178.9	179.0	180.1	180.2	179.6	180.6	181.5	179.9	177.7
1944.....	178.9	178.6	176.8	174.6	173.4	172.5	171.3	170.7	169.3	168.1	167.2	168.0	173.4
1945.....	168.8	169.3	168.3	166.0	163.6	160.3	155.0	150.4	130.1	129.5	130.1	130.6	151.8
1946.....	133.2	124.4	122.6	129.4	140.7	142.2	143.0	146.3	148.6	149.1	151.5	152.4	142.0
1947.....	153.4	154.4	154.6	153.8	151.9	151.7	149.4	152.7	155.7	156.4	156.3	157.9	154.1

Source: Board of Governors of the Federal Reserve System. Indexes published currently in Federal Reserve Bulletin.

# No. 217.—INDEXES OF PRODUCTION-WORKER EMPLOYMENT AND PAY ROLLS (WEEKLY) IN MANUFACTURING, BY INDUSTRY GROUPS AND INDUSTRIES: 1943 TO 1946

[Average 1939=100. Indexes for major industry groups adjusted to levels indicated by data through 1945 made available by Bureau of Employment Security, Federal Security Agency. Indexes for individual industries adjusted to levels indicated by 1939 Census of Manufactures data; and to F. S. A. as indicated by footnote 1. Revisions of these data in preparation; available from Bureau of Labor Statistics]

INDUSTRY GROUP AND INDUSTRY	PRODUCTION-WORKER EMPLOYMENT				PRODUCTION-WORKER PAY ROLLS			
	1943	1944	1945	1946	1943	1944	1945	1946
All manufacturing.....	177.7	172.4	151.8	142.0	334.4	345.7	293.4	266.4
Durable goods.....	241.7	235.6	192.5	160.8	469.5	482.5	374.7	289.3
Nondurable goods.....	127.4	122.7	119.7	127.2	202.3	211.9	214.0	244.1
Iron and steel and their products.....	177.6	174.9	157.3	146.6	311.4	324.4	285.4	242.8
Blast furnaces, steel works, and rolling mills.....	133.0	124.3	117.9	113.9	222.3	223.7	206.0	180.7
Gray-iron and semisteel castings.....	139.4	127.0	122.1	135.5	236.7	252.2	243.2	270.7
Malleable-iron castings.....	146.8	139.0	131.4	127.9	273.4	286.2	264.0	259.3
Steel castings.....	275.8	249.4	207.6	188.5	484.4	460.6	369.9	274.4
Cast-iron pipe and fittings.....	100.8	93.0	91.6	105.2	174.2	178.6	181.1	215.9
Tin cans and other tinware.....	102.0	121.2	125.0	125.1	161.6	203.1	213.8	225.1
Wire drawn from purchased rods.....	163.8	151.6	138.0	125.4	255.3	252.4	223.6	204.0
Wire work.....	108.0	114.1	104.3	120.3	202.6	229.1	203.4	229.0
Cutlery and edge tools.....	141.3	149.6	148.7	161.8	279.5	310.0	301.8	344.7
Tools (except edge tools, machine tools, files, and saws).....	161.5	180.4	164.3	162.3	334.1	340.3	306.7	315.0
Hardware.....	127.1	130.0	116.6	125.0	245.8	265.5	234.6	244.3
Plumbers' supplies.....	93.5	98.0	85.6	103.0	158.6	168.3	152.9	178.5
Stoves, oil burners, and heating equipment, n. e. c.....	120.6	136.0	121.9	117.1	206.9	256.6	226.0	217.7
Steam and hot-water heating apparatus and steam fittings.....	195.6	186.2	160.2	150.6	353.8	350.1	297.1	275.6
Stamped and enameled ware and galvanizing.....	160.5	159.9	138.9	134.5	300.6	322.4	274.5	260.5
Fabricated structural and ornamental metalwork.....	200.0	210.7	169.8	142.1	364.3	413.3	287.7	240.7
Metal doors, sash, frames, molding, and trim.....	164.9	164.3	114.9	111.7	292.6	311.3	212.0	202.0
Bolts, nuts, washers, and rivets.....	208.1	187.0	154.9	123.9	374.5	361.9	297.8	227.6
Forgings, iron and steel.....	261.3	241.4	199.2	167.8	497.6	482.0	375.8	292.8
Wrought pipe, welded and heavy riveted.....	308.4	309.4	238.3	146.0	578.5	601.6	473.5	247.6
Screw-machine products and wood screws.....	292.9	268.0	209.6	162.8	548.0	522.0	405.1	312.4
Steel barrels, kegs, and drums.....	129.1	121.0	123.0	91.6	242.3	237.6	229.3	191.6
Firearms.....	1,321.8	965.9	433.8	260.2	2,631.7	2,203.5	927.7	601.5
Electrical machinery.....	285.9	285.2	246.4	196.6	483.0	529.9	437.6	342.4
Electrical equipment.....	254.6	249.5	204.5	149.0	444.7	457.0	364.0	283.3
Communication equipment.....	343.6	352.1	280.0	255.8	503.1	543.7	466.6	449.3
Radio and phonographs.....	263.7	292.3	216.0	179.8	472.3	552.3	408.6	345.2
Machinery, except electrical.....	244.7	235.9	209.9	197.6	443.7	443.0	378.8	341.7
Machinery and machine-shop products.....	242.4	231.1	196.7	172.1	430.9	425.4	350.0	299.4
Engines and turbines.....	368.6	376.1	303.3	210.8	788.3	801.8	589.7	399.3
Tractors.....	167.5	187.9	171.2	153.2	266.7	295.8	263.1	227.4

**No. 217.—INDEXES OF PRODUCTION-WORKER EMPLOYMENT AND PAY ROLLS (WEEKLY)  
IN MANUFACTURING, BY INDUSTRY GROUPS AND INDUSTRIES: 1943 TO 1946—Con.**

[Average 1939=100]

INDUSTRY GROUP AND INDUSTRY	PRODUCTION-WORKER EMPLOYMENT				PRODUCTION-WORKER PAY ROLLS			
	1943	1944	1945	1946	1943	1944	1945	1946
<b>Machinery, except electrical—Continued</b>								
Agricultural machinery, excluding tractors.....	135.7	161.4	146.6	139.1	256.0	324.9	283.0	237.2
Machine tools.....	299.5	215.6	182.0	163.1	503.9	383.1	320.0	272.2
Machine-tool accessories.....	351.3	275.4	225.2	191.5	577.8	473.6	374.1	310.2
Textile machinery.....	130.1	125.4	118.5	143.1	230.1	231.0	222.7	268.8
Pumps and pumping equipment.....	317.0	326.3	260.1	224.2	648.8	695.4	525.1	413.9
Typewriters.....	73.8	72.9	79.8	115.0	143.8	147.4	156.8	221.3
Cash registers and adding and calculating machines.....	177.0	166.7	141.1	167.9	341.6	327.5	260.9	303.9
Washing machines, wringers, and driers, domestic.....	178.8	177.5	143.3	145.4	301.5	315.7	251.2	245.4
Sewing machines, domestic and industrial.....	136.6	124.5	122.1	121.0	282.3	264.4	249.8	228.6
Refrigerators and refrigeration equipment.....	154.9	151.4	128.5	158.6	264.5	272.7	221.0	254.9
<b>Transportation equipment, except automobiles.....</b>	<b>1,580.1</b>	<b>1,508.0</b>	<b>938.4</b>	<b>362.7</b>	<b>3,080.3</b>	<b>3,133.9</b>	<b>1,909.5</b>	<b>549.1</b>
Locomotives.....	526.8	553.8	484.8	353.0	1,107.3	1,267.0	1,046.0	715.2
Cars, electric- and steam-railroad.....	246.5	238.4	216.5	187.1	457.9	477.8	414.1	345.1
Aircraft and parts, excluding aircraft engines.....	2,003.5	1,800.5	1,062.0	327.5	3,496.3	3,452.7	2,040.8	601.6
Aircraft engines.....	2,625.7	2,745.9	1,535.4	292.2	4,528.7	4,845.1	2,578.6	460.8
Shipbuilding and boat building.....	1,769.4	1,642.1	961.5	280.7	3,594.7	3,514.2	2,016.8	462.1
Motorcycles, bicycles, and parts.....	143.7	135.0	123.5	146.0	253.6	245.5	226.4	257.5
<b>Automobiles.....</b>	<b>177.5</b>	<b>182.0</b>	<b>150.4</b>	<b>164.3</b>	<b>321.2</b>	<b>335.3</b>	<b>253.8</b>	<b>262.7</b>
<b>Nonferrous metals and their products.....</b>	<b>196.0</b>	<b>190.0</b>	<b>168.9</b>	<b>164.5</b>	<b>354.5</b>	<b>357.8</b>	<b>313.7</b>	<b>299.8</b>
Smelting and refining, primary, of non-ferrous metals.....	204.3	176.1	136.3	123.4	353.9	323.2	260.8	219.5
Alloying and rolling and drawing of non-ferrous metals, except aluminum.....	195.2	182.3	163.2	144.0	353.4	340.9	302.5	258.4
Clocks and watches.....	124.2	125.8	116.8	130.8	238.4	260.6	238.0	267.3
Jewelry (precious metals) and jewelers' findings.....	110.5	96.6	94.1	118.1	165.1	158.6	165.9	220.8
Silverware and plated ware.....	96.9	89.5	88.5	114.4	165.4	161.1	162.8	231.2
Lighting equipment.....	118.9	128.0	113.5	129.2	207.2	227.6	196.9	219.4
Aluminum manufactures.....	337.4	312.4	242.2	194.2	591.6	500.1	420.0	325.6
Sheet-metal work, not elsewhere classified.....	157.2	171.8	149.2	131.2	277.7	326.9	281.1	246.5
<b>Lumber and timber basic products<sup>1</sup>.....</b>	<b>127.3</b>	<b>122.8</b>	<b>116.2</b>	<b>130.6</b>	<b>215.1</b>	<b>224.6</b>	<b>209.5</b>	<b>253.9</b>
Sawmills and logging camps.....	139.0	133.7	125.1	140.7	238.3	248.8	227.5	273.8
Planing and plywood mills.....	125.4	122.4	121.5	136.4	197.8	207.4	208.3	256.3
<b>Furniture and finished lumber products<sup>1</sup>.....</b>	<b>111.7</b>	<b>107.3</b>	<b>104.9</b>	<b>119.9</b>	<b>183.9</b>	<b>193.7</b>	<b>193.0</b>	<b>237.9</b>
Mattresses and bedsprings.....	105.9	100.8	103.6	131.4	165.7	173.1	181.9	244.7
Furniture.....	112.4	107.3	102.8	118.4	185.3	193.1	188.4	234.2
Wooden boxes, other than cigar.....	125.0	118.7	113.9	115.4	215.8	230.5	225.4	245.1
Caskets and other morticians' goods.....	102.4	107.4	109.1	125.9	159.3	182.2	186.6	224.3
Wood preserving.....	98.7	95.2	103.4	126.4	181.9	197.3	224.7	283.3
Wood, turned and shaped.....	107.4	106.0	108.3	121.1	175.5	188.2	197.0	243.1
<b>Stone, clay, and glass products<sup>1</sup>.....</b>	<b>122.5</b>	<b>112.9</b>	<b>110.6</b>	<b>135.2</b>	<b>189.1</b>	<b>187.7</b>	<b>188.0</b>	<b>243.5</b>
Glass and glassware.....	139.9	141.8	137.2	167.1	208.3	224.9	218.7	288.6
Glass products made from purchased glass.....	113.1	104.6	106.4	119.0	165.9	172.3	183.8	220.1
Cement.....	111.5	84.8	87.2	131.1	156.5	130.3	141.9	215.6
Brick, tile and terra cotta.....	90.5	77.0	79.4	113.3	135.8	122.8	133.6	215.1
Pottery and related products.....	132.9	126.0	123.5	150.4	191.9	193.7	194.9	257.3
Gypsum.....	91.2	84.9	83.8	110.6	151.7	146.4	144.5	203.5
Wallboard, plaster (except gypsum), and mineral wool.....	137.2	119.3	115.4	127.1	223.8	216.5	216.6	255.0
Lime.....	98.7	86.8	80.4	91.6	171.6	167.4	161.8	200.7
Marble, granite, slate, and other products.....	67.4	60.7	71.6	88.0	90.8	103.5	111.2	142.4
Abrasives.....	302.2	279.4	252.9	240.7	480.2	468.6	429.7	390.5
Asbestos products.....	138.2	130.7	115.8	116.8	254.6	259.2	236.9	243.6

<sup>1</sup> Individual industries adjusted to levels indicated by F. S. A. data through 1945 (see footnote, p. 202).



**No. 217.—INDEXES OF PRODUCTION-WORKER EMPLOYMENT AND PAY ROLLS (WEEKLY)  
IN MANUFACTURING, BY INDUSTRY GROUPS AND INDUSTRIES: 1943 TO 1946—Con.**

[Average 1939=100]

INDUSTRY GROUP AND INDUSTRY	PRODUCTION-WORKER EMPLOYMENT				PRODUCTION-WORKER PAY ROLLS			
	1943	1944	1945	1946	1943	1944	1945	1946
<b>Textile-mill products and other fiber manufactures<sup>1</sup></b>	108.2	98.8	93.7	103.8	178.9	174.7	173.6	222.2
Cotton manufactures, except smallwares	125.8	114.4	108.1	117.8	215.9	210.3	204.6	259.3
Cotton smallwares	126.6	108.6	102.1	110.4	214.8	187.4	192.3	221.4
Silk and rayon goods	82.2	78.2	75.2	80.8	138.8	141.5	145.5	182.8
Woolens and worsted manufactures, except dyeing and finishing	110.4	102.6	97.8	110.5	199.5	194.1	190.6	245.7
Hosiery	74.9	69.4	65.9	77.0	109.8	109.9	107.6	147.9
Knitted cloth	109.4	102.1	98.5	109.5	174.7	174.9	180.1	225.2
Knitted outerwear and knitted gloves	117.2	109.7	104.3	117.4	192.7	196.4	196.7	248.0
Knitted underwear	110.4	97.3	92.4	97.9	183.3	174.7	173.2	206.0
Dyeing and finishing textiles, including woolen and worsted	113.6	105.6	100.7	114.9	174.9	173.9	178.4	224.8
Carpets and rugs, wool	90.8	82.6	78.3	87.6	145.2	140.2	134.6	181.1
Hats, fur-felt	71.3	70.4	69.1	81.7	121.5	131.1	135.0	180.4
Jute goods, except felts	110.6	96.7	96.9	110.7	196.4	184.3	191.3	236.0
Cordage and twines	143.4	134.4	124.8	129.8	240.3	245.9	237.3	258.0
<b>Apparel and other finished textile products<sup>1</sup></b>	121.4	118.2	115.8	128.7	185.2	203.4	209.9	262.2
Men's clothing, not elsewhere classified	115.8	110.5	105.2	113.0	174.9	187.1	185.7	229.2
Shirts, collars, and nightwear	90.9	82.6	76.6	86.5	143.8	144.1	140.1	184.3
Underwear and neckwear, men's	96.3	96.7	93.3	100.3	166.5	188.0	190.9	236.0
Work shirts	131.3	112.0	105.0	105.5	220.4	204.7	200.9	238.1
Women's clothing, not elsewhere classified	120.6	122.6	123.5	139.4	184.4	213.3	224.7	288.2
Corsets and allied garments	88.1	80.7	75.9	84.9	137.1	137.7	133.6	165.7
Millinery	91.5	88.5	85.8	91.7	123.3	138.1	139.9	157.5
Handkerchiefs	113.1	96.0	83.6	83.2	184.0	171.6	166.0	178.2
Curtains, draperies, and bedspreads	141.9	120.8	108.6	148.8	230.2	229.6	218.6	313.5
Housefurnishings, other than curtains, etc	214.9	212.1	224.2	251.7	370.3	387.1	408.9	494.9
Textile bags	155.7	177.3	205.6	214.6	233.0	290.4	350.7	384.6
<b>Leather and leather products<sup>1</sup></b>	98.1	91.9	91.6	102.6	154.2	159.4	168.6	201.9
Leather	92.9	83.0	83.3	90.6	140.6	141.6	148.6	162.7
Boot and shoe cut stock and findings	96.0	90.5	91.3	101.8	142.2	149.4	155.9	183.2
Boots and shoes	89.0	84.1	83.6	94.0	142.0	148.1	157.8	192.5
Leather gloves and mittens	152.7	133.0	131.5	140.3	239.4	227.2	231.5	266.6
Trunks and suitcases	161.2	147.4	147.3	169.6	240.3	235.9	248.0	316.5
<b>Food<sup>1</sup></b>	123.5	127.6	126.4	128.0	189.9	203.9	209.4	229.0
Slaughtering and meat packing	128.9	126.4	114.1	115.9	188.8	209.2	187.0	194.1
Butter	165.2	188.1	165.2	174.6	231.0	257.7	260.4	309.8
Condensed and evaporated milk	182.0	194.1	191.1	185.7	268.5	312.0	323.0	342.9
Ice cream	130.7	131.1	127.2	146.1	170.6	182.6	188.4	239.3
Flour	118.5	128.6	134.7	135.2	182.9	212.1	235.1	258.5
Feeds, prepared	146.0	146.8	160.5	160.7	230.0	247.3	280.0	293.7
Cereal preparations	130.0	135.4	138.1	158.5	223.3	234.8	250.6	280.7
Baking	111.0	112.3	112.7	109.5	153.0	167.0	177.7	190.2
Sugar refining, cane	105.1	112.1	105.6	102.3	152.8	180.0	168.1	164.0
Sugar, beet	86.8	85.2	91.9	90.4	119.6	118.7	141.2	164.8
Confectionery	106.7	114.5	110.6	104.6	157.6	187.3	189.8	190.0
Beverages, nonalcoholic	135.1	139.1	125.8	119.1	163.2	182.7	170.1	174.5
Malt liquors	134.1	147.1	161.9	155.3	180.5	213.5	228.3	239.1
Canning and preserving	126.4	130.2	137.7	145.6	216.0	246.4	273.2	338.0
<b>Tobacco manufactures</b>	97.2	89.9	87.4	92.0	161.0	158.8	164.7	187.1
Cigarettes	123.8	126.6	125.7	121.6	172.0	192.3	203.5	219.5
Cigars	83.9	70.5	65.5	76.7	139.7	138.9	136.6	170.5
Tobacco (chewing and smoking) and snuff	91.2	87.8	92.8	82.8	131.1	136.6	154.1	143.5
<b>Paper and allied products<sup>1</sup></b>	116.3	120.3	120.8	138.1	184.8	196.3	204.3	250.5
Paper and pulp	116.3	114.9	115.5	133.4	181.6	192.7	200.0	243.9
Paper goods, other	132.1	138.3	133.5	147.4	193.2	211.0	219.7	262.9
Envelopes	116.9	115.9	116.0	128.7	165.7	177.0	183.2	222.5
Paper bags	116.0	129.1	133.9	160.7	183.4	214.3	235.9	297.1
Paper boxes	129.8	123.8	122.8	140.0	189.6	192.7	202.4	254.5

<sup>1</sup> Individual industries adjusted to levels indicated by F. S. A. data through 1945 (see headnote, p. 202).



**No. 217.—INDEXES OF PRODUCTION WORKER EMPLOYMENT AND PAY ROLLS (WEEKLY)  
IN MANUFACTURING, BY INDUSTRY GROUPS AND INDUSTRIES: 1943 TO 1946—Con.**

[Average 1939=100]

INDUSTRY GROUP AND INDUSTRY	PRODUCTION-WORKER EMPLOY- MENT				PRODUCTION-WORKER PAY ROLLS			
	1943	1944	1945	1946	1943	1944	1945	1946
<b>Printing, publishing, and allied industries<sup>1</sup></b>	<b>100.8</b>	<b>99.3</b>	<b>102.4</b>	<b>120.7</b>	<b>124.7</b>	<b>124.8</b>	<b>148.2</b>	<b>194.8</b>
Newspapers and periodicals.....	95.2	92.9	94.2	109.6	111.7	116.9	126.1	165.5
Printing, book and job.....	108.7	106.9	110.7	131.5	137.3	151.5	168.0	220.5
Lithographing.....	98.5	98.0	99.3	117.5	124.9	137.2	147.0	188.5
Bookbinding.....	114.1	111.2	112.8	132.1	174.8	184.2	198.3	263.5
<b>Chemicals and allied products.....</b>	<b>254.5</b>	<b>229.1</b>	<b>219.3</b>	<b>185.3</b>	<b>422.5</b>	<b>390.1</b>	<b>382.1</b>	<b>323.6</b>
Paints, varnishes, and colors.....	104.8	106.0	106.0	125.3	152.9	166.0	160.8	198.5
Drugs, medicines, and insecticides.....	166.1	184.0	179.2	188.9	233.4	269.2	274.3	312.9
Perfumes and cosmetics.....	110.5	115.8	119.0	118.1	147.0	163.1	173.0	192.7
Soap.....	98.0	99.7	97.9	103.0	146.1	166.3	165.7	172.0
Rayon and allied products.....	107.9	109.1	112.9	121.1	162.5	174.2	184.0	204.0
Chemicals, not elsewhere classified.....	167.7	170.6	162.8	168.8	273.5	294.2	284.8	286.8
Explosives and safety fuses.....	1,248.4	1,091.4	996.1	187.0	1,918.5	1,673.8	1,509.7	296.0
Compressed and liquefied gases.....	160.2	151.7	146.6	142.0	264.3	266.9	254.8	233.5
Ammunition, small arms.....	3,614.0	1,410.2	1,040.1	174.8	6,769.3	2,815.0	2,049.0	336.9
Fireworks.....	2,434.9	2,504.3	1,319.1	256.0	5,981.9	6,883.8	3,637.8	651.0
Cottonseed oil.....	116.7	108.8	104.3	91.6	201.5	217.0	222.1	210.4
Fertilizers.....	120.9	116.9	120.6	128.0	225.0	250.2	276.4	300.0
<b>Products of petroleum and coal<sup>1</sup></b>	<b>117.6</b>	<b>123.5</b>	<b>129.7</b>	<b>143.4</b>	<b>184.3</b>	<b>213.9</b>	<b>227.6</b>	<b>243.7</b>
Petroleum refining.....	113.4	124.9	134.5	145.0	176.7	213.4	231.0	240.1
Coke and by-products.....	117.4	107.9	106.2	120.6	183.4	188.7	191.9	214.0
Paving materials.....	87.0	85.7	89.2	105.2	144.8	166.6	174.0	203.0
Roofing materials.....	161.2	159.7	156.9	196.8	267.2	285.0	285.1	370.9
<b>Rubber products<sup>1</sup></b>	<b>160.3</b>	<b>168.5</b>	<b>161.9</b>	<b>184.1</b>	<b>263.9</b>	<b>301.0</b>	<b>289.4</b>	<b>333.2</b>
Rubber tires and inner tubes.....	166.1	185.6	187.5	221.9	265.7	319.6	313.7	362.9
Rubber boots and shoes.....	160.5	148.2	125.9	139.5	268.8	265.1	234.3	269.4
Rubber goods, other.....	154.1	156.3	145.6	157.3	255.8	279.9	265.7	303.4
<b>Miscellaneous industries<sup>1</sup></b>	<b>181.7</b>	<b>173.4</b>	<b>162.7</b>	<b>170.1</b>	<b>322.7</b>	<b>330.8</b>	<b>308.6</b>	<b>318.7</b>
Instruments (professional and scientific) and fire-control equipment.....	766.4	683.0	525.0	258.1	1,356.9	1,296.2	974.1	442.1
Photographic apparatus.....	200.9	201.6	186.6	188.0	311.5	327.9	308.6	308.1
Optical instruments and ophthalmic goods.....	280.3	254.9	235.9	243.3	439.0	426.6	399.1	423.5
Pianos, organs, and parts.....	156.2	121.9	114.8	154.2	296.1	231.6	210.7	285.9
Games, toys, and dolls.....	99.7	105.3	104.3	153.7	169.7	206.8	201.5	314.3
Buttons.....	116.6	105.6	167.4	124.7	204.1	205.1	216.5	266.4
Fire extinguishers.....	913.1	722.0	480.5	284.3	1,622.9	1,467.4	1,034.1	571.3

<sup>1</sup> Individual industries adjusted to levels indicated by F. S. A. data through 1945 (see headnote, p. 202).

Source: Department of Labor, Bureau of Labor Statistics. Indexes published currently in Monthly Labor Review and in mimeographed releases.

# No. 218.—ESTIMATED NUMBER OF EMPLOYEES IN SELECTED NONMANUFACTURING INDUSTRIES: 1939 TO 1946

[In thousands]

INDUSTRY	1939	1940	1941	1942	1943	1944	1945	1946
<b>Mining:<sup>1</sup></b>								
Anthracite.....	82.8	83.4	81.7	77.6	71.2	67.4	60.1	67.6
Bituminous coal.....	371	415	407	435	386	354	322	307
<b>Metal.....</b>	<b>88.2</b>	<b>97.4</b>	<b>106.9</b>	<b>107.7</b>	<b>96.4</b>	<b>79.0</b>	<b>66.6</b>	<b>67.2</b>
Iron.....	20.1	22.4	26.4	31.2	32.2	27.2	23.9	23.8
Copper.....	23.8	27.7	31.0	32.1	31.4	25.9	20.5	19.4
Lead and zinc.....	15.5	17.6	18.5	19.4	19.0	16.4	14.0	14.5
Gold and silver.....	24.8	25.5	26.0	18.4	7.3	5.9	5.6	7.2
Miscellaneous.....	4.0	4.3	5.1	6.6	6.6	3.7	2.6	2.3
<b>Transportation and public utilities:</b>								
Street railways and busses <sup>2</sup> .....	194	192	194	207	227	230	230	248
Telephone.....	318	327	363	390	402	407	419	543
Telegraph <sup>3</sup> .....	37.6	37.9	41.1	43.0	46.9	46.2	45.4	42.9
Electric light and power.....	244	260	255	237	211	203	205	243
<b>Service:</b>								
Hotels (year-round).....	323	323	333	332	344	353	359	385
Power laundries <sup>1</sup> .....	196	209	235	252	252	241	235	245
Cleaning and dyeing <sup>1</sup> .....	58.2	61.2	68.4	73.1	78.0	79.1	85.2	96.1

<sup>1</sup> Includes production and related workers only.<sup>2</sup> Includes private and municipal street railway companies and affiliated, subsidiary, or successor trolley-bus and motor-bus companies.<sup>3</sup> Includes all land-line employees except those compensated on a commission basis. Excludes general and divisional headquarters personnel, trainees in school, and messengers.

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures published currently in the Monthly Labor Review and in mimeographed releases.

# No. 219.—INDEXES OF EMPLOYMENT AND PAY ROLLS (WEEKLY) IN SELECTED NONMANUFACTURING INDUSTRIES: 1943 TO 1946

[Monthly average, 1939=100]

INDUSTRY	EMPLOYMENT				PAY ROLLS			
	1943	1944	1945	1946	1943	1944	1945	1946
<b>Mining:</b>								
Anthracite.....	86.0	81.4	72.6	81.6	133.9	151.4	137.9	181.1
Bituminous coal.....	104.1	95.5	86.9	82.7	187.7	213.2	195.9	202.8
<b>Metal.....</b>	<b>109.3</b>	<b>89.6</b>	<b>75.5</b>	<b>76.1</b>	<b>166.9</b>	<b>141.9</b>	<b>123.3</b>	<b>127.3</b>
Iron.....	160.2	135.3	118.8	118.1	247.0	215.0	201.2	196.3
Copper.....	131.8	108.6	86.2	81.2	212.5	178.0	142.2	142.2
Lead and zinc.....	122.1	105.3	90.3	93.5	209.0	192.3	170.6	181.4
Gold and silver.....	29.4	23.7	22.6	29.0	36.9	30.7	29.2	41.5
Miscellaneous.....	164.9	92.6	65.1	58.5	259.8	150.9	106.1	92.9
Quarrying and nonmetallic.....	96.2	83.8	80.2	96.2	162.2	153.3	152.9	200.8
Crude petroleum production <sup>1</sup> .....	81.8	82.5	84.0	92.9	115.9	130.3	135.2	147.0
<b>Transportation and public utilities:</b>								
Street railways and busses <sup>2</sup> .....	117.0	118.8	118.7	128.2	155.7	168.3	177.8	200.4
Telephone.....	126.7	128.1	131.8	170.9	144.9	155.0	177.4	253.4
Telegraph <sup>3</sup> .....	124.7	122.8	120.5	114.0	159.3	175.0	176.7	180.0
Electric light and power.....	86.3	82.9	84.2	99.4	109.2	113.9	120.1	148.2
<b>Trade:<sup>4</sup></b>								
Wholesale.....	95.9	95.5	97.0	108.4	127.0	136.0	145.5	176.0
Retail.....	99.9	98.6	99.5	109.7	120.6	128.2	138.5	174.4
Food.....	106.2	107.2	104.1	105.6	129.2	138.5	145.5	172.0
General merchandise.....	116.9	113.8	116.5	127.3	135.9	141.4	154.0	195.1
Apparel.....	110.1	109.7	108.6	115.0	133.9	145.8	156.0	187.4
Furniture and housefurnishings.....	67.7	63.8	64.0	78.8	86.5	87.7	93.3	129.6
Automotive.....	63.0	66.2	71.8	92.5	84.7	96.4	110.7	155.5
Lumber and building materials.....	91.5	90.6	93.5	109.7	120.7	128.9	139.8	179.0
<b>Service:</b>								
Hotels (year-round) <sup>1</sup> .....	106.6	109.4	111.3	119.3	138.7	157.8	174.8	207.0
Power laundries.....	128.7	123.2	120.0	125.0	167.0	179.6	186.7	212.2
Cleaning and dyeing.....	134.0	136.0	146.5	165.2	185.4	207.1	236.2	290.1

<sup>1</sup> Excludes well drilling or rig building.<sup>2</sup> See footnote 2, table 218.      <sup>3</sup> See footnote 3, table 218.<sup>4</sup> Includes nonsupervisory workers and working supervisors only.<sup>5</sup> Money payments only; additional value of board, room, uniforms and tips not included.

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures published currently in Monthly Labor Review and in mimeographed releases.

No. 220.—EMPLOYMENT AND PAY ROLLS OF THE FEDERAL GOVERNMENT BY  
BRANCH: 1929 TO 1947

[Includes data for employees outside continental United States, force-account (temporary) construction workers, and fourth-class postmasters]

YEAR OR MONTH	EMPLOYMENT					PAY ROLLS (THOUSANDS OF DOLLARS)				
	Average for year or as of first of month					Total for year or for month				
	Total	Execu- tive <sup>1</sup>	Legis- lative	Judicial	Govt. corpo- rations <sup>2</sup>	Total	Execu- tive <sup>1</sup>	Legis- lative	Judicial	Govt. corpo- rations <sup>2</sup>
1929.....	596,250	575,343	4,092	1,596	15,219	1,079,940	1,037,195	11,303	5,435	26,007
1930.....	610,931	590,975	4,231	1,752	14,873	1,117,978	1,074,162	11,696	5,871	26,259
1931.....	624,366	603,531	4,310	1,816	14,709	1,128,849	1,085,579	11,904	6,049	25,317
1932.....	621,580	599,486	4,366	1,782	15,946	1,059,324	1,016,150	11,552	5,794	25,828
1933.....	630,054	604,387	4,407	1,760	19,500	972,271	926,909	10,555	5,009	29,798
1934.....	718,765	690,904	4,731	1,825	21,305	1,169,370	1,118,034	12,521	5,302	33,513
1935.....	818,967	789,335	4,910	1,896	22,836	1,417,990	1,361,465	13,905	5,702	36,918
1936.....	893,590	862,907	5,124	2,035	23,524	1,604,860	1,546,369	14,429	5,946	38,116
1937.....	902,055	870,314	5,203	2,110	24,428	1,613,699	1,552,364	14,455	6,017	40,863
1938.....	900,410	868,032	5,233	2,144	25,001	1,626,622	1,564,109	14,511	6,370	41,632
1939.....	968,596	935,493	5,373	2,260	25,470	1,757,292	1,692,825	14,765	6,691	43,011
1940.....	1,077,691	1,042,899	5,879	2,441	26,472	1,978,152	1,910,785	15,640	7,444	44,283
1941.....	1,431,961	1,393,783	6,081	2,544	29,553	2,701,694	2,627,734	16,033	7,766	50,161
1942.....	2,293,517	2,252,359	6,401	2,633	32,124	4,851,741	4,771,195	16,625	8,093	55,828
1943.....	3,183,235	3,138,838	6,171	2,636	35,590	7,902,967	7,811,820	17,785	9,041	64,321
1944.....	3,337,318	3,292,607	6,189	2,660	35,862	8,301,111	8,206,410	18,127	9,275	67,299
1945.....	3,569,092	3,525,638	6,376	2,753	34,325	8,153,686	8,057,271	20,537	10,176	65,702
1946.....	2,703,814	2,660,879	6,636	3,058	33,241	6,754,625	6,648,868	23,929	12,859	68,969
1947.....	2,149,155	2,107,945	7,126	3,218	30,866	5,966,063	5,853,343	29,074	14,694	68,972
Jan.....	2,279,055	2,237,128	6,864	3,066	31,997	538,717	529,195	2,369	1,222	5,931
Feb.....	2,256,834	2,214,638	7,080	3,069	32,047	491,355	482,099	2,308	1,090	5,858
Mar.....	2,247,289	2,205,082	7,039	3,061	32,107	511,062	501,699	2,365	1,140	5,858
Apr.....	2,215,389	2,173,262	7,174	3,072	31,881	509,243	499,749	2,440	1,179	5,875
May.....	2,193,091	2,151,264	7,246	3,071	31,510	514,057	504,747	2,439	1,181	5,690
June.....	2,168,896	2,127,715	7,215	3,061	30,905	508,378	499,154	2,425	1,149	5,650
July.....	2,103,246	2,062,275	7,254	3,074	30,643	494,351	484,811	2,483	1,329	5,728
Aug.....	2,067,228	2,026,071	7,230	3,404	30,523	464,076	454,723	2,421	1,259	5,673
Sept.....	2,020,873	1,980,084	7,184	3,406	30,199	470,515	461,157	2,448	1,284	5,626
Oct.....	2,002,385	1,962,042	7,118	3,430	29,795	481,401	471,938	2,457	1,334	5,672
Nov.....	2,006,412	1,966,339	7,068	3,453	29,552	451,502	442,171	2,457	1,192	5,682
Dec.....	2,229,164	2,189,436	7,046	3,450	29,232	531,427	521,900	2,461	1,336	5,730

<sup>1</sup> Includes certain Government corporations.  
<sup>2</sup> Includes Panama R. R. Co., Federal Reserve Banks, banks of Farm Credit Administration, and corporations not included in the executive branch.

Source: Department of Labor, Bureau of Labor Statistics. Data for executive branch based on reports of Civil Service Commission. Current data published in the Monthly Labor Review.

**No. 221.—PAID CIVILIAN EMPLOYMENT IN THE EXECUTIVE BRANCH OF THE FEDERAL GOVERNMENT, BY AGENCY, FOR JUNE 1944 TO 1947**

[See headnote, table 222]

AGENCIES	ENTIRE SERVICE				WASHINGTON, D. C., METROPOLITAN AREA			
	1944	1945	1946	1947	1944	1945	1946	1947
<b>Total</b> .....	3,312,266	3,769,646	2,722,031	2,123,648	270,019	257,808	235,109	206,217
<b>Executive Office of the President:</b>								
White House Office .....	50	61	61	293	50	61	61	293
Bureau of the Budget .....	546	565	743	582	528	542	718	539
Executive Mansion and Grounds .....	87	80	69	100	87	80	69	100
Other .....	3			169	3			169
<b>War Establishments:</b>								
Office for Emergency Management .....	84,265	78,761	46,698	42,108	22,266	17,397	7,833	3,000
Office of Censorship .....	11,617	6,430			855	368		
Office of Price Administration .....	69,783	64,517	34,368		4,284	4,218	3,550	
Office of Strategic Services .....	2,110	2,507			1,799	1,639		
Petroleum Administration for War .....	1,254	980			831	660		
Selective Service System .....	23,002	18,471	13,924		618	530	423	
Smaller War Plants Corp. ....		1,750				375		
Other .....	116	16			61	16		
<b>Executive Departments:</b>								
State .....	9,044	10,895	21,859	21,390	8,214	3,741	6,508	6,194
Treasury .....	93,692	96,614	107,670	96,294	23,800	22,178	24,205	26,926
War .....	1,503,214	1,690,995	927,303	603,213	54,288	51,719	38,369	29,414
Justice .....	29,042	26,417	24,134	24,446	8,218	7,857	8,585	6,198
Post Office .....	852,773	378,849	488,623	471,787	8,821	6,873	7,523	7,093
Navy .....	753,632	753,080	498,022	356,929	51,450	46,679	34,136	33,304
Interior .....	42,378	44,683	51,330	52,813	4,831	4,686	4,694	3,432
Agriculture .....	77,720	81,984	96,590	87,483	10,195	10,264	12,113	10,868
Commerce .....	20,501	68,708	37,845	38,446	10,103	11,881	13,285	12,168
Labor .....	6,074	6,950	34,776	4,984	1,974	1,893	3,373	2,300
<b>Independent Agencies:</b>								
Atomic Energy Commission .....				4,211				280
Board of Governors, Federal Reserve System .....	455	446	463	500	435	429	463	483
Civil Aeronautics Board .....				547				465
Civil Service Commission .....	6,895	6,838	4,068	3,408	3,325	3,167	2,528	2,001
Employees' Compensation Comm. ....	505	497	582	(1)	32	32	36	(1)
Export-Import Bank .....	56	60	103	117	56	60	101	116
Federal Communications Comm. ....	1,658	1,513	1,534	1,329	900	839	872	840
Federal Deposit Insurance Corp. ....	1,721	1,377	1,168	1,156	246	217	227	222
Federal Power Commission .....	687	636	778	763	484	496	630	615
Federal Security Agency .....	80,782	32,749	31,560	33,707	6,887	6,867	8,161	9,243
Federal Trade Commission .....	446	450	496	591	390	393	437	531
Federal Works Agency .....	20,252	20,309	23,034	24,597	14,363	13,633	14,625	13,497
<b>General Accounting Office</b> .....	11,970	13,672	14,101	10,629	7,538	7,816	8,642	6,787
Government Printing Office .....	7,086	6,834	7,148	7,786	7,031	6,748	7,139	7,158
Housing and Home Finance Agency <sup>1</sup> ..	18,294	15,633	17,437	14,644	3,260	3,053	3,793	3,167
Interstate Commerce Commission .....	2,120	2,016	2,250	2,281	1,424	1,346	1,550	1,605
Maritime Commission .....	10,587	10,770	10,318	36,671	2,453	3,780	3,048	2,212
National Advisory Committee for Aeronautics .....	6,068	6,449	5,585	5,908	120	118	129	153
National Archives .....	349	337	363	384	340	330	354	374
National Capital Housing Authority ..	243	221	274	277	243	221	274	277
National Labor Relations Board .....	702	843	1,028	892	297	337	441	823
National Mediation Board .....	87	106	102	110	24	37	49	40
Office of the Housing Expediter .....				8,677				1,146
Office of Selective Service Records .....				1,116				162
Panama Canal .....	26,529	31,287	28,191	25,425	161	154	167	129
Railroad Retirement Board .....	1,775	1,809	1,955	2,645	21	17	14	9
Reconstruction Finance Corp. ....	8,208	12,645	12,032	7,718	3,791	4,451	4,300	2,966
Securities and Exchange Comm. ....	1,151	1,151	1,181	1,159	9	8	7	6
Smithsonian Institution .....	779	764	873	839	768	761	866	831
Tariff Commission .....	203	298	240	230	293	267	231	223
Tax Court of the U. S. ....	122	121	119	123	122	121	119	123
Tennessee Valley Authority .....	21,025	12,346	11,169	14,258	9	7	9	10
Veterans' Administration .....	80,510	65,143	169,643	216,753	6,393	8,305	13,799	13,214
Other .....	38	14	46	480	38	13	7	31

<sup>1</sup> Employees' Compensation Commission included with Federal Security Agency.

<sup>2</sup> Reorganization Plan 3 of 1947 consolidated the functions and transferred the personnel of the former National Housing Agency to the Housing and Home Finance Agency.

<sup>3</sup> Includes Panama Railroad Company.

Source: Civil Service Commission, Monthly Report of Employment.

No. 222.—PAID CIVILIAN EMPLOYMENT IN THE EXECUTIVE BRANCH OF THE FEDERAL GOVERNMENT: 1816 TO 1947

[Covers all civil employees in executive branch of U. S. Government, including those outside continental U. S. Temporary substitute employees in Post Office Department are included beginning 1920. Employees of District of Columbia Government are excluded. Number on and prior to June 30, 1937, refers to employees on roll, with or without pay, on last day of month; from June 1938 through June 1942, number on pay roll with pay on last regular pay period of month; June 1943 and after, number in active duty status as of last day of month]

JUNE	Total number <sup>1</sup>	JUNE	Total number	Wash., D. C.	JUNE	Total number	Wash., D. C. <sup>4</sup>	48 States	Outside continental U. S.
1816.....	6,327	1922.....	527,517	60,980	1936.....	843,995	117,972	( <sup>5</sup> )	( <sup>5</sup> )
1821.....	8,211	1923.....	515,772	66,290	1937.....	869,375	112,077	( <sup>5</sup> )	( <sup>5</sup> )
1831.....	19,800	1924.....	521,641	64,120	1938.....	854,778	115,541	( <sup>5</sup> )	( <sup>5</sup> )
1841.....	23,700	1925.....	532,798	63,756	1939.....	926,415	123,926	( <sup>5</sup> )	( <sup>5</sup> )
1851.....	33,300	1926.....	528,542	60,811	1940.....				
1861.....	49,200	1927.....	527,228	59,800	1941.....	1,370,110	184,236	1,096,577	89,297
1871.....	53,900	1928.....	540,867	61,388	1942.....	2,206,970	268,383	( <sup>5</sup> )	( <sup>5</sup> )
1881.....	107,000	1929.....	557,169	63,952	1943.....	3,157,113	277,813	2,724,640	154,660
1891.....	166,000	1930.....	614,440	68,553	1944.....	3,312,256	270,019	2,648,268	393,969
1901.....	256,000	1931.....	586,927	71,741	1945.....	3,769,646	257,808	2,657,668	854,170
1911.....	391,350	1932.....	582,605	68,793	1946.....	2,722,031	235,109	2,063,808	423,024
1918.....	<sup>2</sup> 917,760	1933.....	580,825	65,710	1947.....	2,128,648	205,237	1,644,544	278,867
1920.....	<sup>3</sup> 691,116	1934.....	675,697	89,604					
1921.....	<sup>3</sup> 562,252	1935.....	757,543	103,969					

<sup>1</sup> Approximate prior to 1921.    <sup>2</sup> As of Nov. 11.    <sup>3</sup> As of July 31.  
<sup>4</sup> Beginning 1942, represents Washington, D. C. metropolitan area; see note 2, table 223.    <sup>5</sup> Not available.  
Source: Civil Service Commission; Annual Report; Semiannual and Monthly Report of Employment.

No. 223.—PAID CIVILIAN EMPLOYMENT IN THE EXECUTIVE BRANCH OF THE FEDERAL GOVERNMENT, BY AREA AND SEX: 1937 TO 1947

PERIOD	CONTINENTAL UNITED STATES <sup>1</sup>					WASHINGTON, D. C., METROPOLITAN AREA <sup>2</sup>				
	Total	Men	Women		Sex not reported	Total	Men	Women		Sex not reported
			Number	Per cent of total reported				Number	Per cent of total reported	
June 1937....	869,375	682,164	186,500	19	27,711	112,077	67,159	44,918	40	-----
June 1938....	854,778	685,749	166,177	20	2,852	115,541	68,802	46,739	41	-----
June 1939....	926,415	747,577	172,733	19	6,105	123,926	74,052	49,312	40	562
June 1940....	1,014,117	816,610	186,210	19	11,297	133,856	80,607	53,038	40	211
June 1941....	1,370,110	1,091,743	266,407	20	11,960	184,236	106,133	77,774	42	329
June 1942....	2,206,970	( <sup>3</sup> )	( <sup>3</sup> )	-----	-----	268,383	( <sup>3</sup> )	( <sup>3</sup> )	-----	-----
May 1943....	3,030,659	<sup>4</sup> 1,840,145	<sup>4</sup> 960,501	34	230,013	280,027	<sup>4</sup> 121,075	<sup>4</sup> 151,370	56	7,562
July 1944....	2,941,209	1,835,077	1,106,132	38	-----	270,501	112,791	157,710	58	-----
June 1945....	2,915,476	1,822,939	1,092,537	38	-----	257,808	103,964	153,844	60	-----
June 1946....	2,299,007	1,652,703	646,304	28	-----	235,109	119,199	115,910	49	-----
June 1947....	1,849,781	1,409,184	440,597	24	-----	205,237	111,847	93,390	47	-----

<sup>1</sup> June 1937-June 1942 data include employees outside continental United States.  
<sup>2</sup> Comprised of District of Columbia; Alexandria City, Arlington County, and part of Fairfax County, Virginia; and parts of Montgomery County and Prince Georges County, Maryland. June 1937-June 1941 data relate to District of Columbia only.  
<sup>3</sup> Data not available.  
<sup>4</sup> Relates to full-time employees only.  
Source: Civil Service Commission, Annual Report.

No. 224.—MONTHLY ACCESSIONS TO AND SEPARATIONS FROM PAID CIVILIAN FULL-TIME EMPLOYMENT IN THE EXECUTIVE BRANCH OF THE FEDERAL GOVERNMENT: JUNE 1945 TO DECEMBER 1947

[Accessions include inter-agency transfers, reemployment after and return from military service, original appointments, and other types of accessions. Separations include transfers to other Federal agencies, resignations, abandonment of position, reduction in force, discharges, termination of appointments, and other types of separations. Turn-over rates are computed by dividing total number of accessions to full-time employment (or separation) during the month by the average number of full-time employees reported as of the beginning and as of the end of the month; the resulting ratios, when expressed in terms of percentages, therefore represent the number of accessions or separations per 100 employees]

PERIOD	CONTINENTAL UNITED STATES				WASHINGTON, D. C. METROPOLITAN AREA <sup>1</sup>			
	Accessions		Separations		Accessions		Separations	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1945: June.....	168,109	6.2	151,719	5.6	13,735	5.5	8,688	3.5
July.....	151,421	5.6	143,671	5.3	9,596	3.8	9,072	3.6
August.....	111,551	4.2	212,467	7.9	6,571	2.6	11,063	4.4
September.....	88,613	3.5	315,086	12.6	5,973	2.5	16,568	6.8
October.....	116,252	5.0	220,312	9.4	7,509	3.2	15,577	6.7
November.....	120,649	5.3	177,619	7.8	7,272	3.2	10,003	4.4
December.....	110,540	5.0	153,520	6.9	7,656	3.4	8,865	3.9
1946: January.....	141,931	6.5	148,417	6.8	12,037	5.3	9,282	4.1
February.....	121,020	5.5	133,790	6.1	10,605	4.6	8,509	3.7
March.....	132,503	6.1	161,285	7.5	10,805	4.7	9,828	4.2
April.....	131,890	6.1	128,935	6.0	10,196	4.4	9,491	4.1
May.....	109,564	5.1	149,977	7.0	7,920	3.4	9,253	4.0
June.....	93,888	4.5	151,523	7.3	8,417	3.6	8,946	3.9
July.....	97,214	4.8	120,883	5.9	8,647	3.8	8,333	3.6
August.....	82,941	4.1	135,446	6.7	6,068	2.6	8,876	3.9
September.....	77,183	4.0	156,995	8.1	6,284	2.8	12,624	5.6
October.....	74,029	3.9	111,203	5.9	6,686	3.0	7,289	3.3
November.....	59,548	3.3	120,087	5.4	5,004	2.3	5,731	2.6
December.....	49,649	2.8	87,162	4.9	3,814	1.7	6,815	3.1
1947: January.....	56,108	3.2	68,195	3.9	4,810	2.2	5,898	2.7
February.....	53,392	3.0	61,497	3.5	4,381	2.0	4,998	2.3
March.....	44,403	2.5	69,394	4.0	3,676	1.7	5,292	2.5
April.....	47,354	2.8	72,209	4.2	3,312	1.6	5,957	2.8
May.....	51,020	3.0	73,051	4.3	2,741	1.3	5,971	2.8
June.....	55,354	3.3	114,194	6.9	3,782	1.8	9,758	4.8
July.....	47,499	2.9	79,179	4.9	3,823	1.9	9,388	4.7
August.....	47,736	3.0	63,959	4.0	3,538	1.8	5,183	2.7
September.....	59,804	3.8	72,821	4.6	4,586	2.4	5,500	2.8
October.....	63,251	4.0	58,049	3.7	4,757	2.5	5,086	2.6
November.....	45,177	3.9	44,837	2.9	3,700	1.9	3,562	1.9
December.....	38,590	2.5	44,186	2.8	3,505	1.8	3,796	2.0

<sup>1</sup> For definition of Washington area, see table 223, footnote 2.  
Source: Civil Service Commission, records.



**No. 225.—PAID CIVILIAN EMPLOYMENT IN THE EXECUTIVE BRANCH OF THE FEDERAL GOVERNMENT BY STATE, 1945 AND 1947, AND BY SELECTED AGENCY, 1947**

[Partially estimated]

STATE	TOTAL EMPLOYMENT		EMPLOYMENT BY AGENCY, SEPTEMBER 1947					
	June 1945	September 1947	National Military Establishment <sup>1</sup>			Post Office Department	Veterans Administration	Other departments and agencies
			Department of the Army	Department of the Navy	Department of the Air Force			
<b>Total</b> .....	<b>2,769,646</b>	<b>2,922,846</b>	<b>386,043</b>	<b>340,809</b>	<b>109,164</b>	<b>457,175</b>	<b>363,938</b>	<b>526,697</b>
Outside cont. U. S.....	654,170	256,195	139,457	44,081	(7)	1,532	1,576	60,549
Continental U. S.....	2,915,476	1,766,651	246,606	296,728	109,164	455,643	202,362	456,148
Wash. D. C. metro. area.....	257,808	195,239	24,209	33,619	3,093	7,384	12,536	115,496
All States.....	2,657,668	1,571,412	222,397	263,109	106,071	448,259	189,824	340,652
Alabama.....	53,063	30,393	4,903	10	6,373	6,357	3,812	8,946
Arizona.....	17,900	10,551	636	170	1,464	1,530	1,546	5,215
Arkansas.....	25,907	12,751	1,715	588	1	4,806	2,442	3,199
California.....	317,236	184,687	21,239	75,275	13,455	30,965	16,177	27,176
Colorado.....	28,839	21,385	3,394	64	1,364	4,188	2,880	9,505
Connecticut.....	12,394	10,055	3	1,215	1	5,614	1,475	1,747
Delaware.....	3,335	1,889	115		29	916	431	392
Florida.....	76,747	33,849	519	14,904	3,374	6,938	2,840	5,274
Georgia.....	70,231	37,085	9,305	1,027	5,307	8,083	5,043	8,320
Idaho.....	9,877	6,837	7	918	84	1,674	624	2,530
Illinois.....	123,085	89,614	11,946	4,222	2,775	34,190	12,743	22,737
Indiana.....	42,903	26,076	3,259	3,514	125	10,644	3,467	4,047
Iowa.....	19,078	14,600	421	105	52	3,929	2,510	2,563
Kansas.....	32,455	18,666	1,873	128	1,930	7,070	4,308	3,575
Kentucky.....	27,330	22,781	8,878	721	141	7,503	3,907	4,731
Louisiana.....	41,858	23,123	4,907	1,807	1,148	5,461	2,480	7,420
Maine.....	25,707	11,804	157	5,380	303	3,418	1,215	1,331
Maryland <sup>2</sup> .....	80,651	30,355	10,037	0,480	792	5,784	2,594	10,666
Massachusetts.....	103,516	48,487	4,404	11,185	1,088	16,711	7,758	7,341
Michigan.....	49,828	32,412	3,815	184	498	16,185	3,990	7,740
Minnesota.....	21,841	22,300	1,172	121	79	10,215	5,444	5,199
Mississippi.....	24,529	16,423	4,692	95	1,296	4,619	2,627	3,094
Missouri.....	54,208	44,951	13,481	89	287	14,901	5,396	10,827
Montana.....	9,150	7,199	341		214	1,998	575	4,071
Nebraska.....	27,650	14,659	2,782	1,238	762	5,218	1,001	3,638
Nevada.....	6,753	3,659		1,056	151	528	233	1,691
New Hampshire.....	4,380	3,046	2	115	231	1,840	282	576
New Jersey.....	81,968	37,339	10,528	4,784	2,218	11,746	3,665	4,498
New Mexico.....	16,206	9,082	1,181	62	931	1,453	979	4,478
New York.....	293,021	170,213	23,341	17,930	4,717	67,841	21,385	34,969
North Carolina.....	40,156	25,131	2,337	3,294	187	7,714	3,590	6,009
North Dakota.....	6,047	5,882	351		1	2,931	727	1,872
Ohio.....	111,269	74,302	8,556	1,719	17,621	22,244	10,266	13,996
Oklahoma.....	47,878	28,197	2,206	1,804	10,210	6,547	2,177	5,553
Oregon.....	18,827	16,063	2,678	535	1	4,083	2,338	6,428
Pennsylvania.....	196,640	105,881	15,771	30,215	4,895	28,668	11,164	15,145
Rhode Island.....	23,191	10,787	122	6,455	1	2,023	666	1,520
South Carolina.....	47,302	17,923	1,723	7,661	717	3,968	1,444	2,410
South Dakota.....	10,438	7,224	589		256	2,768	1,235	2,360
Tennessee.....	44,382	35,582	5,646	898	802	7,699	5,708	14,829
Texas.....	140,899	78,136	13,617	5,581	14,149	18,379	8,773	17,637
Utah.....	27,665	18,256	5,823	3,750	3,931	1,794	700	3,148
Vermont.....	3,172	3,029	45		1	1,653	549	781
Virginia <sup>3</sup> .....	107,601	64,043	6,882	31,070	1,084	8,754	6,391	9,892
Washington.....	100,359	66,976	7,878	14,659	1,587	6,810	3,200	12,842
West Virginia.....	11,110	10,207	1,236	292	1	4,806	2,030	1,842
Wisconsin.....	22,314	19,073	697		1	3,929	4,362	4,016
Wyoming.....	5,067	4,137	6	3	865	884	845	1,834
Undistributed.....	1,027	398	189					209

<sup>1</sup> Office of Secretary of Defense, with 49 employees in Washington area, is included in "other departments and agencies."

<sup>2</sup> Civilian personnel of Department of the Air Force are included in Department of the Army.

<sup>3</sup> Excludes employment within Washington, D. C. metropolitan area. For definition of Washington area, see table 223, footnote 1.

Source: Civil Service Commission, records.

**No. 226.—PAID CIVILIAN EMPLOYMENT IN THE EXECUTIVE BRANCH OF THE FEDERAL GOVERNMENT BY AGENCY AND AREA: DECEMBER 1947**

AGENCY	All areas	CONTINENTAL UNITED STATES			OUTSIDE CONTINENTAL UNITED STATES		
		Total	Washington, D. C. metropolitan area <sup>1</sup>	48 States	Total	Territories and possessions	Foreign countries
<b>Total</b>	<b>1,992,463</b>	<b>1,766,110</b>	<b>196,762</b>	<b>1,570,358</b>	<b>223,359</b>	<b>94,407</b>	<b>138,952</b>
<b>Executive Office of the President:</b>							
White House Office	219	219	219				
Bureau of the Budget	567	567	568	24			
Council of Economic Advisers	44	44	44				
Executive Mansion and Grounds	114	114	114				
National Security Council	8	8	8				
National Security Resources Board	64	64	60	4			
Office of Government Reports	19	19	19				
<b>Emergency War Agencies:</b>							
Office for Emergency Management	216	49	49	1	166		166
War Assets Administration	80,338	29,874	2,443	27,431	464	464	
<b>Executive Departments:</b>							
State	20,797	7,371	6,074	1,297	13,426	81	13,375
Treasury	85,909	85,318	19,918	65,402	591	514	77
<b>National Military Establishment:</b>							
Secretary of Defense	632	632	547	85			
Department of the Army	377,629	253,011	24,523	228,488	124,614	31,292	93,326
Department of the Navy	389,495	295,337	32,590	262,747	44,158	27,004	17,154
Department of the Air Force	111,700	111,700	3,179	108,521			
Justice	25,070	24,659	6,650	18,009	411	315	96
Post Office	485,272	488,741	7,258	480,483	1,531	1,531	
Interior	46,639	41,387	3,791	37,596	4,652	4,538	114
Agriculture	67,851	66,001	10,078	55,923	1,850	914	936
Commerce	86,964	34,360	11,748	22,612	2,604	2,311	293
Labor	4,544	4,406	2,068	2,338	78	78	
<b>Independent Agencies:</b>							
American Battle Monuments Comm	101	3	3		98		98
Atomic Energy Commission	4,757	4,764	625	4,229	3		3
Board of Governors, Federal Reserve System	513	513	497	16			
Civil Aeronautics Board	573	557	506	51	16	16	
Civil Service Commission	3,685	3,680	2,039	1,641	5	5	
Export-Import Bank	113	111	111		2		2
Federal Communications Commission	1,322	1,286	851	435	36	36	
Federal Deposit Insurance Corp.	1,157	1,154	358	796	3	3	
Federal Mediation and Conciliation Service	373	373	83	290			
Federal Power Commission	781	781	637	144			
Federal Security Agency	33,649	32,309	9,517	22,792	1,380	283	1,097
Federal Trade Commission	562	562	501	61			
Federal Works Agency	22,821	22,518	12,321	10,197	303	113	190
General Accounting Office	9,450	9,450	6,249	3,201			
Government Printing Office	7,544	7,544	7,080	455			
Housing and Home Finance Agency	11,966	11,927	2,435	9,492	39	39	
Indian Claims Commission	11	11	11				
Interstate Commerce Commission	2,257	2,257	1,358	699			
Maritime Commission	20,099	9,168	1,330	7,835	10,934		10,934
National Advisory Committee for Aeronautics	6,061	6,061	117	5,944			
National Archives	328	328	316	12			
National Capital Housing Authority	286	286	286				
National Capital Park and Planning Commission	9	9	9				
National Labor Relations Board	880	877	384	493	3	3	
National Mediation Board	103	103	41	62			
Office of the Housing Expediter	4,672	4,644	397	4,247	28	28	
Office of Selective Service Records	687	653	106	547	14	14	
Panama Canal	16,689	141	109	32	16,548	16,548	
Panama Railroad Company	7,674	400		400	7,174	7,174	
Philippine War Damage Commission	650	5	5		545		545
Railroad Retirement Board	2,763	2,763	8	2,775			
Reconstruction Finance Corp.	6,270	6,213	2,378	3,835	57	27	30
Securities and Exchange Commission	1,184	1,184	12	1,172			
Smithsonian Institution	630	624	624		6		6
Tariff Commission	222	222	214	8			
Tax Court of the United States	124	124	124				
Tennessee Valley Authority	14,223	14,223	9	14,213			
Veterans Administration	200,791	199,118	11,862	187,256	1,616	1,106	510

<sup>1</sup> For definition of area, see table 223, footnote 2.

Source: Civil Service Commission, records.

## FEDERAL EMPLOYMENT

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## No. 227.—PAID CIVILIAN EMPLOYMENT IN THE EXECUTIVE BRANCH OF THE FEDERAL GOVERNMENT BY AGENCY, SEX, AND VETERAN STATUS: DECEMBER 1947

[Covers all civil employees in continental United States]

AGENCY	MEN				WOMEN			
	Total	Veteran		Non-veteran	Total	Veteran		Non-veteran
		Num-ber	Percent of total			Num-ber	Percent of total	
<b>Total</b>	<b>1,261,068</b>	<b>733,000</b>	<b>58</b>	<b>408,557</b>	<b>415,042</b>	<b>27,758</b>	<b>9</b>	<b>377,284</b>
<b>Executive Office of the President:</b>								
White House Office	107	40	37	67	112	3	3	109
Bureau of the Budget	325	139	43	186	262	10	4	252
Council of Economic Advisers	23	10	43	13	21			21
Executive Mansion and Grounds	87	23	26	64	27			27
National Security Council	2	2	100		6			6
National Security Resources Board	33	20	61	13	31			31
Office of Government Reports	6	3	50	4	13	2	15	11
<b>Emergency War Agencies:</b>								
Office for Emergency Management	19	6	32	13	30	2	7	28
War Assets Administration	17,058	10,766	63	6,300	12,816	887	7	11,929
<b>Executive Departments:</b>								
State	3,597	2,503	69	1,194	2,674	187	7	2,487
Treasury	45,921	24,406	53	21,515	39,397	3,423	9	35,974
<b>National Military Establishment:</b>								
Secretary of Defense	334	197	59	137	298	17	6	281
Department of the Army	189,844	112,726	59	76,919	63,367	4,431	7	58,936
Department of the Navy	243,849	140,690	58	102,959	51,868	4,756	9	46,932
Department of the Air Force	84,446	53,180	63	31,266	27,254	1,986	7	25,268
Justice	16,883	9,246	55	7,637	7,776	271	3	7,505
Post Office <sup>1</sup>	422,663	179,767	43	242,896	41,078	3,163	8	37,915
Interior	32,673	15,141	46	17,532	8,714	556	6	8,158
Agriculture	50,632	19,917	39	30,715	16,369	818	5	14,551
Commerce	24,492	12,849	52	11,643	9,868	446	5	9,422
Labor	2,297	1,395	61	902	2,109	190	9	1,919
<b>Independent Agencies:</b>								
American Battle Monuments Commission	1	1	100		2			2
Atomic Energy Commission	3,106	2,229	72	877	1,648	91	6	1,557
Board of Governors, Federal Reserve System	354	111	31	243	259	13	5	247
Civil Aeronautics Board	309	195	63	114	243	25	10	218
Civil Service Commission	1,372	891	65	481	2,308	137	6	2,171
Export Import Bank	51	31	61	20	60	1	2	59
Federal Communications Comm.	790	422	53	368	496	41	8	455
Federal Deposit Insurance Corp.	780	407	52	373	374		6	368
Federal Mediation and Conciliation Service	265	79	30	186	108	1	1	107
Federal Power Commission	503	248	49	255	278	19	7	259
Federal Security Agency	15,628	8,877	56	6,951	16,681	1,179	7	15,502
Federal Trade Commission	341	173	51	168	221	3	1	218
Federal Works Agency	15,472	9,639	62	5,833	7,040	515	7	6,525
General Accounting Office	4,958	2,851	58	2,107	4,494	282	6	4,212
Government Printing Office	5,668	2,711	48	2,957	1,876	94	5	1,782
Housing and Home Finance Agency	7,386	3,600	49	3,786	4,541	182	4	4,359
Indian Claims Commission	7	5	71	2	4			4
Interstate Commerce Commission	1,475	766	52	709	782	77	10	705
Maritime Commission	7,815	2,675	34	1,726	1,350	32	4	1,318
National Advisory Committee for Aeronautics	4,838	2,279	47	2,559	1,223	29	2	1,194
National Archives	198	115	58	83	130	8	6	122
National Capital Housing Authority	217	100	46	117		4	6	63
National Capital Park and Planning Commission	4	3	75	1	5	1	20	4
National Labor Relations Board	431	214	47	217	426	16	4	410
National Mediation Board	55	16	29	39	48	1	2	47
Office of the Housing Expediter	2,066	1,192	58	864	2,588	46	2	2,542
Office of Selective Service Records	199	106	53	93	454	54	12	400
Panama Canal	93	39	42	54	48	1	2	47
Panama Railroad Company	366	39	11	327	34	1	3	33
Philippine War Damage Comm.	4	1	25	3	1			1
Railroad Retirement Board	1,213	777	64	436	1,570	43	3	1,527
Reconstruction Finance Corporation	2,553	1,666	65	1,887	2,680	133	5	2,547
Securities and Exchange Comm.	737	368	50	369	457	20	4	437
Smithsonian Institution	614	402	65	212	210	27	13	183
Tariff Commission	127	63	50	64	95	2	2	93
Tax Court of the United States	60	6	10	54	64	1	2	63
Tennessee Valley Authority	12,704	5,789	45	6,915	1,456	62	4	1,394
Veterans Administration	122,359	107,195	88	15,164	76,750	13,277	17	63,473

<sup>1</sup> Includes 3,412 employees of the Maritime training organization, not available by veteran status.<sup>2</sup> Partially estimated.

Source: Civil Service Commission, records.

**No. 228.—PAID CIVILIAN EMPLOYMENT IN THE EXECUTIVE BRANCH OF THE FEDERAL GOVERNMENT BY AGENCY, TYPE OF POSITION, AND TENURE OF APPOINTMENT, DECEMBER 1947**

[Covers all civil employees in continental United States]

AGENCY	Total	TYPE OF POSITION		TENURE OF APPOINTMENT		
		Subject to competitive requirements of Civil Service Act	Excepted from competitive requirements of Civil Service Act	Permanent and probational	Indefinite (war service and temporary)	Temporary for definite limited periods
<b>Total</b>	<b>1,766,110</b>	<b>1,638,958</b>	<b>127,152</b>	<b>1,160,658</b>	<b>503,886</b>	<b>102,614</b>
<b>Executive Office of the President:</b>						
White House Office	219	186	33	207	8	9
Bureau of the Budget	587	579	8	453	123	11
Council of Economic Advisers	44	42	2	35	6	3
Executive Mansion and Grounds	114		114	57		57
National Security Council	8	6	2	8		
National Security Resources Board	84	45	19	36	6	22
Office of Government Reports	19	19			4	2
<b>Emergency War Agencies:</b>						
Office for Emergency Management	40	40	9	33	13	3
War Assets Administration	29,874	25,306	4,568	12,635	12,304	4,935
<b>Executive Departments:</b>						
State	7,371	6,291	1,080	4,055	3,107	209
Treasury	85,318	83,516	1,802	62,443	21,099	1,776
<b>National Military Establishment:</b>						
Secretary of Defense	632	470	162	348	148	136
Department of the Army	253,011	231,714	21,297	152,140	87,643	13,028
Department of the Navy	295,337	294,307	1,030	199,922	90,558	4,857
Department of the Air Force	111,700	111,657	143	59,621	49,916	1,063
Justice	24,659	14,606	10,051	21,819	2,689	171
Post Office	463,741	463,691	50	338,631	74,395	50,715
Interior	41,387	29,236	12,151	23,829	12,413	6,145
Agriculture	66,061	47,182	18,819	37,746	12,112	16,143
Commerce	24,360	27,058	7,302	17,982	14,847	1,531
Labor	4,460	4,312	154	3,196	1,127	143
<b>Independent Agencies:</b>						
American Battle Monuments Comm	3	3		3		
Atomic Energy Commission	4,754	4,590	164	2,464	2,344	56
Board of Governors, Federal Reserve System	513		513	498		15
Civil Aeronautics Board	557	478	79	394	156	17
Civil Service Commission	3,090	3,635	25	2,864	789	27
Export-Import Bank	111	97	14	86	34	1
Federal Communications Commission	1,286	1,300	66	955	328	3
Federal Deposit Insurance Corp	1,154	1,024	130	890	256	8
Federal Mediation and Conciliation Service	373	126	245	96	277	
Federal Power Commission	781	696	83	597	183	1
Federal Security Agency	32,309	20,981	2,328	19,445	12,249	615
Federal Trade Commission	562	521	41	513	31	18
Federal Works Agency	22,516	22,280	236	15,150	6,964	404
General Accounting Office	9,450	9,431	19	6,389	2,968	73
Government Printing Office	7,544	7,543	1	4,114	3,406	24
Housing and Home Finance Agency	11,927	11,808	119	6,711	4,654	562
Indian Claims Commission	11	3	8	9	1	1
Interstate Commerce Commission	2,257	2,221	36	1,856	379	22
Maritime Commission	9,165	5,730	3,435	2,534	3,105	114
National Advisory Committee for Aeronautics	6,061	6,060	1	3,377	2,452	232
National Archives	328	326	2	251	71	6
National Capital Housing Authority	286	284	2	180	96	10
National Capital Park and Planning Commission	9	6	3	6	1	2
National Labor Relations Board	877	598	279	620	173	84
National Mediation Board	103	58	45	101	1	1
Office of the Housing Expediter	4,644	4,382	262	1,710	2,539	96
Office of Selective Service Records	653	561	92	585	57	11
Panama Canal	141	141			18	
Panama Railroad Company	400	70	330	377	23	
Philippine War Damage Commission	5		5	5		
Railroad Retirement Board	2,783	2,776	7	1,889	700	194
Reconstruction Finance Corporation	6,213	6,051	162	4,990	1,204	19
Securities and Exchange Commission	1,184	997	187	1,009	87	88
Smithsonian Institution	634	815	9	578	226	10
Tariff Commission	222	207	15	203	19	
Tax Court of the United States	124	64	60	113	8	3
Tennessee Valley Authority	14,222		14,222	8,911	5,196	114
Veterans Administration	199,115	174,026	25,089	124,603	69,769	4,753

<sup>1</sup> Includes 3,412 employees of Maritime training organization, not available by tenure of appointment.

Source: Civil Service Commission, records.

**No. 229.—PAID CIVILIAN EMPLOYMENT IN THE EXECUTIVE BRANCH OF THE FEDERAL GOVERNMENT BY ANNUAL EQUIVALENT PAY GROUPS AND COMPENSATION AUTHORITY: 1946 AND 1947**

[Covers all civil employees in continental United States. 1947 survey covered 1,660,109 or 91 percent of 1,817,143 employees reported as of July 31, 1947, on Civil Service Commission's monthly employment report; 1946 survey covered 2,176,228 or 95 percent of 2,299,007 employees as of June 30, 1946. Pay data were not reported by Board of Governors of Federal Reserve System, for substitute employees in Post Office Department, and for relatively small number of part-time, fee-basis and other employees in a few agencies. A few agencies reported as of dates other than specified]

ANNUAL EQUIVALENT PAY GROUP	COMPENSATION AUTHORITY				
	Total	Classification Act of 1923 as amended <sup>1</sup>	Wage Boards	Postal Pay Act <sup>2</sup>	Other statutes, orders, etc.
<b>JULY 1, 1946</b>					
All groups.....	2, 176, 228	1, 037, 928	661, 555	355, 226	121, 519
Less than \$500.....	4, 718	-----	122	1, 791	2, 805
\$500-\$999.....	11, 458	-----	675	8, 334	2, 449
\$1,000-\$1,499.....	28, 307	572	4, 491	6, 260	16, 984
\$1,500-\$1,999.....	335, 656	170, 431	140, 135	6, 804	18, 286
\$2,000-\$2,499.....	677, 415	415, 622	127, 566	83, 562	50, 665
\$2,500-\$2,999.....	715, 951	149, 420	369, 726	187, 005	9, 710
\$3,000-\$3,499.....	147, 089	91, 571	14, 638	34, 664	6, 216
\$3,500-\$3,999.....	83, 357	56, 474	2, 827	20, 208	3, 348
\$4,000-\$4,499.....	68, 903	61, 487	965	3, 845	2, 606
\$4,500-\$4,999.....	36, 724	33, 304	205	1, 574	1, 641
\$5,000-\$5,499.....	16, 296	14, 166	81	626	1, 433
\$5,500-\$5,999.....	16, 933	15, 703	52	177	1, 001
\$6,000-\$6,499.....	10, 403	9, 249	41	172	941
\$6,500-\$6,999.....	8, 250	2, 595	7	5	643
\$7,000-\$7,499.....	9, 510	8, 957	5	62	486
\$7,500-\$7,999.....	1, 849	1, 516	4	-----	329
\$8,000-\$8,499.....	4, 541	4, 283	2	28	228
\$8,500-\$8,999.....	585	385	3	-----	197
\$9,000-\$9,499.....	639	481	2	5	151
\$9,500-\$9,999.....	1, 192	1, 017	3	-----	172
\$10,000 and over.....	1, 452	705	5	14	728
<b>JULY 31, 1947</b>					
All groups.....	1, 660, 109	827, 855	455, 617	310, 620	66, 017
Less than \$500.....	5, 253	-----	915	1, 770	2, 568
\$500-\$999.....	11, 081	-----	370	8, 354	2, 357
\$1,000-\$1,499.....	28, 180	212	10, 637	6, 242	11, 059
\$1,500-\$1,999.....	199, 731	112, 073	73, 960	7, 528	6, 170
\$2,000-\$2,499.....	487, 327	301, 528	145, 345	32, 951	7, 503
\$2,500-\$2,999.....	371, 088	133, 304	152, 403	72, 535	12, 846
\$3,000-\$3,499.....	276, 966	72, 133	45, 654	153, 329	5, 850
\$3,500-\$3,999.....	98, 581	54, 034	18, 926	21, 187	4, 434
\$4,000-\$4,499.....	70, 304	59, 309	4, 450	4, 017	2, 528
\$4,500-\$4,999.....	40, 961	35, 520	1, 814	1, 621	2, 006
\$5,000-\$5,499.....	16, 047	14, 018	357	609	1, 063
\$5,500-\$5,999.....	19, 154	16, 360	282	172	2, 340
\$6,000-\$6,499.....	9, 895	8, 981	162	184	568
\$6,500-\$6,999.....	3, 920	3, 399	80	4	437
\$7,000-\$7,499.....	9, 499	7, 616	144	71	1, 658
\$7,500-\$7,999.....	2, 864	2, 470	91	-----	303
\$8,000-\$8,499.....	5, 101	4, 070	18	24	989
\$8,500-\$8,999.....	801	639	-----	-----	162
\$9,000-\$9,499.....	746	579	1	8	158
\$9,500-\$9,999.....	1, 258	869	3	-----	386
\$10,000 and over.....	1, 362	741	5	14	602

<sup>1</sup> Includes employees in the clerical-mechanical service on hourly rates of pay, totalling 4,390 in 1946, and 3,836 in 1947. Employees in the 4 major classification services on annual rates of pay totalled 1,033,538 in 1946 and 824,019 in 1947.

<sup>2</sup> Excludes employees in departmental service reported under Classification Act of 1923, totalling 1,817 in 1946 and 1,783 in 1947; and substitute employees, totalling more than 100,000 in 1946 and 158,756 in 1947.

Source: Civil Service Commission; Pay Structure of the Federal Civil Service, 1947, pamphlet 83.

**No. 230.—INJURIES TO CIVIL EMPLOYEES OF THE UNITED STATES AND CLAIMS  
RECEIVED UNDER U. S. EMPLOYEES' ACT: SEPT. 7, 1916, TO JUNE 30, 1947**

The U. S. Employees' Compensation Commission, created by act of Sept. 7, 1916, and now known as the Bureau of Employees' Compensation is charged with the duty of administering the law providing compensation for civil employees of the United States who suffer personal injury while in the performance of official duties. This table does not include data for Civilian Conservation Corps enrollees or for persons employed as civil employees of the United States on work relief projects financed through funds provided by the several Federal emergency relief appropriations, excepting those administrative employees who are eligible for benefits under the act of 1916.

PERIOD COVERED	INJURIES REPORTED				CLAIMS RECEIVED FOR DISABILITY AND DEATH			
	Total	Percent change from previous year	Nonfatal	Fatal	Total	Percent change from previous year	Disability	Death
Sept. 7, 1916, to Dec. 31, 1924.....	161,206	.....	167,945	3,321	73,202	.....	70,559	2,643
Year ending Dec. 31—								
1925.....	20,691	+74	20,377	314	7,261	+2.07	6,987	274
1926.....	19,827	-5.63	19,208	319	7,104	-2.16	6,830	274
1927.....	20,647	+5.23	20,190	357	7,567	+6.38	7,272	295
1928.....	22,189	+7.99	21,886	303	8,187	+8.24	7,938	250
1929.....	25,690	+15.78	25,376	314	9,337	+14.05	9,074	263
1930.....	26,069	+1.48	25,775	294	9,283	-.58	9,077	206
1931.....	28,438	+9.09	28,176	262	9,408	+1.35	9,240	168
1932.....	25,346	-10.87	25,117	229	7,829	-16.78	7,639	190
1933.....	25,150	-.78	24,920	230	7,414	-5.30	7,226	188
1934.....	34,413	+36.83	34,121	292	10,363	+39.76	10,124	239
1935.....	33,129	-3.73	32,822	307	8,920	-13.92	8,670	250
1936.....	36,510	+16.24	36,119	391	8,024	-10.04	7,711	313
1937.....	37,693	+2.12	37,364	329	7,014	-12.59	6,754	260
1938.....	38,371	+1.80	38,060	302	6,323	-9.85	6,101	222
1939.....	43,208	+12.61	42,939	269	6,835	+8.10	6,638	197
1940.....	50,085	+15.80	49,700	385	7,500	+9.73	7,237	263
1941.....	70,653	+41.21	70,070	583	10,248	+36.54	9,870	378
1942.....	121,861	+72.47	121,094	767	13,972	+36.34	13,640	432
1943.....	166,663	+36.77	165,038	1,625	23,896	+71.02	23,146	747
1944.....	148,542	-10.87	146,410	2,132	22,973	+3.82	22,927	1,046
1945.....	126,829	-15.29	124,785	1,044	18,321	-23.68	17,858	463
1946.....	97,622	-22.50	96,178	1,444	15,665	-14.50	14,780	905
1947 (Jan. 1 to June 30).....	42,460	-15.00	41,624	836	6,848	-17.65	6,105	741
Total, Sept. 7, 1916, to June 30, 1947, inclusive.....	1,423,808	.....	1,407,301	16,507	314,480	.....	303,275	11,205

Source: Federal Security Agency, Bureau of Employees' Compensation, Annual Report.

**No. 231.—ESTIMATED AVERAGE MONTHLY EMPLOYMENT OF STATE AND LOCAL  
GOVERNMENTS: 1929 TO 1947<sup>1</sup>**  
(In thousands)

YEAR	Total	Educa- tion	Other	YEAR	Total	Educa- tion	Other
1929.....	2,532	1,121	1,411	1939.....	3,050	1,267	1,783
1930.....	2,622	1,150	1,472	1940.....	3,206	1,299	1,907
1931.....	2,704	1,180	1,524	1941.....	3,320	1,363	1,957
1932.....	2,666	1,148	1,518	1942.....	3,271	1,383	1,888
1933.....	2,601	1,122	1,479	1943.....	3,174	1,361	1,813
1934.....	2,647	1,122	1,525	1944.....	3,196	1,352	1,764
1935.....	2,728	1,152	1,576	1945.....	3,187	1,353	1,784
1936.....	2,842	1,174	1,668	1946.....	3,336	1,356	1,982
1937.....	3,001	1,308	1,717	1947.....	3,547	1,424	2,123
1938.....	3,064	1,239	1,815				

<sup>1</sup> Includes school districts and other special-purpose agencies. Excludes military and work-relief employment and pay rolls. Data for 1940-47 are subject to revision.

Source: Department of Labor, Bureau of Labor Statistics. 1929-39, records of the State, County, and Municipal Survey; 1940-47, Bureau of the Census and U. S. Office of Education data, adjusted to exclude nominal nonschool employees and to include noninstructional education staff.



### No. 282.—AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING: 1923 TO 1947

[Data for 1932-47 are averages of 12 monthly figures regularly published by Bureau of Labor Statistics. For earlier years averages are derived from information collected in special surveys of wages in various manufacturing industries and from Bureau of Census and Bureau of Labor Statistics data of employment and pay rolls]

YEAR	Average hourly earnings	Average weekly hours	Average weekly earnings	YEAR	Average hourly earnings	Average weekly hours	Average weekly earnings
1923.....	\$0.522	45.6	\$23.82	1936.....	\$0.856	39.2	\$21.78
1924.....	.547	43.7	23.93	1937.....	.824	38.6	24.05
1925.....	.547	44.5	24.37	1938.....	.827	38.6	22.30
1926.....	.548	45.0	24.65	1939.....	.833	37.7	23.85
1927.....	.550	45.0	24.74	1940.....	.861	38.1	25.20
1928.....	.563	44.4	24.97	1941.....	.729	40.6	29.58
1929.....	.566	44.2	25.03	1942.....	.853	42.9	36.65
1930.....	.552	42.1	23.25	1943.....	.961	44.9	43.14
1931.....	.515	40.5	20.87	1944.....	1.019	45.2	46.08
1932.....	.446	38.3	17.05	1945.....	1.023	43.4	44.39
1933.....	.442	38.1	16.73	1946.....	1.084	40.4	43.74
1934.....	.532	34.5	18.40	1947 (prel.).....	1.221	40.1	49.28
1935.....	.550	36.6	20.13				

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures published currently in Monthly Labor Review.

### No. 283.—AVERAGE HOURS AND EARNINGS IN 25 MANUFACTURING INDUSTRIES: 1925 TO 1946

[Data cover a representative number of plants which employed 2,100,000 workers during 1946. Earnings computed by weighting average earnings in each industry according to relative importance of the industry as shown by the Federal Biennial Census of Manufactures for 1923. In addition, each labor group is weighted according to its relative importance in each industry during the 3-year period 1927-29, as indicated by the Conference Board's studies. Pay roll data are based upon the week ending nearest the 15th of each month, or, if a generally recognized holiday falls in that week, upon the preceding week. Hourly earnings are not wage rates, because they include overtime and other monetary compensation]

CLASS OF WORKER AND ITEM	ANNUAL AVERAGE											
	1925	1929	1933	1935	1936	1940	1941	1942	1943	1944	1945	1946
<b>All production workers:</b>												
Weekly earnings (\$)	27.08	28.55	17.05	22.23	24.43	29.54	33.62	40.03	45.88	48.93	48.46	47.53
Hourly earnings (\$)	.561	.590	.408	.599	.716	.739	.814	.924	1.014	1.067	1.097	1.190
Hours per week per production worker	48.2	48.3	34.8	37.2	34.3	38.6	41.2	43.0	45.0	45.6	44.2	40.1
<b>Male, unskilled:<sup>1</sup></b>												
Weekly earnings (\$)	22.93	24.40	14.48	18.33	20.67	23.91	28.19	33.49	38.86	41.07	41.03	40.86
Hourly earnings (\$)	.455	.496	.400	.495	.596	.611	.682	.773	.854	.892	.917	1.015
Hours per week per production worker	50.3	50.2	36.4	37.0	35.8	39.3	41.4	43.1	45.4	45.0	44.8	40.4
<b>Male, skilled and semiskilled:<sup>1</sup></b>												
Weekly earnings (\$)	31.29	32.60	19.48	24.98	27.49	32.41	35.32	45.31	54.10	57.85	56.20	53.10
Hourly earnings (\$)	.644	.668	.559	.665	.802	.827	.914	1.043	1.184	1.227	1.248	1.320
Hours per week per production worker	48.6	48.8	35.1	37.7	34.4	39.2	42.0	44.3	46.4	47.1	45.2	40.3
<b>Female:</b>												
Weekly earnings (\$)	17.17	17.61	11.73	15.37	15.69	17.43	20.29	23.66	28.83	31.21	32.15	24.14
Hourly earnings (\$)	.389	.398	.325	.437	.482	.491	.533	.609	.700	.752	.787	.876
Hours per week per production worker	44.1	44.2	36.3	35.2	32.6	35.5	38.0	39.2	41.1	41.8	40.8	39.0

<sup>1</sup> 24 industries beginning 1938; adequate data for silk and rayon industry not available.

Source: National Industrial Conference Board, New York, N. Y.; data published in Management Almanac and Economic Almanac; monthly figures published currently in Conference Board Management Record.

# No. 284.—AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS IN SELECTED MANUFACTURING INDUSTRIES: 1939, 1945, AND 1946

[Based on monthly data supplied by cooperating establishments covering both full- and part-time wage earners. As not all reporting firms furnish man-hour data, average hours and average hourly earnings for individual industries based on slightly smaller sample than weekly earnings]

INDUSTRY	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	1939	1945	1946	1939	1945	1946	1939	1945	1946
All manufacturing industries <sup>1</sup> .....	\$23.86	\$44.39	\$43.74	37.7	43.4	40.4	\$0.633	\$1.023	\$1.084
Durable goods.....	26.50	49.05	46.49	38.0	44.1	40.2	.698	1.111	1.156
Nondurable goods.....	21.78	38.29	41.02	37.4	42.3	40.5	.582	.904	1.012
Blast furnaces, steel works, and rolling mills <sup>1</sup> .....	29.88	52.44	48.25	35.3	44.1	37.4	.845	1.188	1.291
Gray-iron and semisteel castings.....	25.93	50.86	50.70	37.1	46.2	42.5	.699	1.101	1.194
Steel castings.....	27.97	49.98	48.45	36.9	43.9	38.8	.759	1.138	1.248
Hardware <sup>1</sup> .....	23.13	44.93	43.94	38.9	45.7	41.8	.593	.984	1.050
Stoves, oil burners, and heating equipment, not elsewhere classified.....	25.25	46.23	46.13	38.1	44.6	40.8	.666	1.037	1.132
Steam and hot-water heating apparatus and steam fittings.....	26.19	47.73	47.76	37.6	45.5	40.5	.697	1.048	1.178
Stamped and enameled ware and galvanizing.....	23.92	45.47	44.66	38.1	44.1	40.3	.627	1.032	1.100
Fabricated structural and ornamental metal-work.....	27.95	50.37	47.40	38.5	45.5	40.3	.727	1.107	1.175
Firearms.....	27.28	56.39	50.83	41.3	45.1	41.6	.660	1.251	1.223
Electrical equipment.....	27.95	48.73	46.73	38.7	44.7	40.1	.722	1.091	1.166
Radios and phonographs.....	22.34	41.10	41.09	38.5	44.1	39.6	.581	.931	1.038
Communication equipment.....	28.74	46.10	48.51	38.3	44.1	41.8	.751	1.042	1.161
Machinery and machine-shop products.....	28.76	51.91	49.89	39.4	46.1	41.5	.730	1.124	1.199
Engines and turbines.....	28.67	54.32	52.47	37.4	44.5	40.1	.767	1.224	1.309
Tractors.....	32.13	51.60	49.86	38.3	44.6	39.3	.839	1.158	1.268
Machine tools.....	32.25	56.57	53.80	42.9	47.8	42.5	.752	1.183	1.265
Cars, electric- and steam-railroad.....	26.71	50.36	48.65	36.0	43.6	40.9	.741	1.155	1.189
Aircraft and parts, excluding aircraft engines.....	30.34	54.37	52.24	41.5	45.7	40.6	.745	1.191	1.288
Aircraft engines.....	36.58	57.93	54.78	44.1	44.5	41.2	.835	1.301	1.330
Shipbuilding and boat building.....	31.91	61.72	52.34	38.0	45.1	38.0	.835	1.370	1.378
Smelting and refining, primary, of nonferrous metals.....	26.67	48.98	47.43	38.2	45.7	40.6	.699	1.073	1.168
Alloying and rolling and drawing of nonferrous metals, except aluminum.....	28.77	53.50	51.73	39.6	47.0	41.7	.729	1.138	1.241
Aluminum manufactures.....	27.49	47.86	46.86	39.3	44.9	40.2	.699	1.065	1.165
Sawmills and logging camps.....	18.29	32.61	35.21	38.4	41.4	40.4	.476	.787	.872
Planing and plywood mills.....	22.17	37.74	40.85	41.1	43.9	42.3	.540	.858	.963
Furniture.....	20.51	37.42	39.97	38.9	43.1	41.6	.530	.870	.962
Glass and glassware.....	25.32	40.27	43.59	35.2	41.3	39.4	.721	.976	1.109
Brick, tile, and terra cotta.....	20.55	34.86	39.26	37.8	41.7	40.3	.543	.828	.970
Pottery and related products.....	22.74	36.68	39.85	37.2	40.9	39.1	.625	.908	1.027
Cotton manufactures, except smallwares.....	14.26	28.20	33.10	36.7	41.3	39.9	.389	.683	.830
Silk and rayon goods.....	15.78	30.82	36.00	36.5	41.4	41.2	.429	.744	.875
Woolen and worsted manufactures, except dyeing and finishing.....	19.21	36.27	41.57	36.4	41.6	41.1	.528	.872	1.012
Hosiery.....	18.98	30.01	35.14	35.6	37.5	38.1	.536	.800	.922
Dyeing and finishing textiles, including woolen and worsted.....	20.82	36.02	40.98	38.6	44.3	42.6	.535	.812	.962
Men's clothing, n. e. c.....	19.32	33.32	37.06	38.2	37.6	37.5	.581	.884	1.007
Shirts, collars, and nightwear.....	13.75	25.55	29.38	34.6	36.9	37.1	.398	.694	.790
Women's clothing, n. e. c.....	19.20	40.12	44.94	33.9	35.8	35.9	.519	1.093	1.220
Boots and shoes.....	17.83	33.43	36.16	35.7	40.4	38.6	.503	.823	.930
Slaughtering and meat packing.....	27.85	44.57	45.71	40.6	47.5	42.6	.686	.941	1.073
Baking.....	25.70	39.50	43.35	41.7	45.6	44.7	.621	.867	.972
Confectionery.....	18.64	31.35	34.54	38.1	41.0	39.9	.492	.765	.849
Malt liquors.....	35.01	53.12	54.31	38.3	45.6	42.3	.916	1.163	1.283
Canning and preserving.....	16.77	32.07	37.92	37.0	39.9	41.0	.464	.808	.929
Paper and pulp.....	24.92	43.85	46.54	40.3	48.0	44.3	.620	.913	1.049
Paper boxes.....	21.78	36.39	40.26	40.2	43.5	42.6	.547	.835	.947
Newspapers and periodicals.....	37.58	51.21	57.41	36.1	38.8	38.6	1.004	1.300	1.460
Printing, book and job.....	30.30	45.55	50.48	38.3	42.8	42.0	.804	1.071	1.207
Drugs, medicines, and insecticides.....	24.16	36.18	38.85	39.7	42.4	40.2	.592	.855	.966
Rayon and allied products.....	24.52	39.79	41.32	37.9	42.1	39.1	.646	.944	1.058
Chemicals, not elsewhere classified.....	31.30	52.64	51.55	40.0	46.0	41.3	.784	1.145	1.248
Explosives and safety fuses.....	29.99	46.84	48.53	38.8	44.1	39.9	.773	1.061	1.216
Ammunition, small-arms.....	22.68	44.57	43.59	39.0	44.9	39.8	.612	.992	1.095
Petroleum refining.....	34.97	58.39	56.81	36.1	45.9	40.1	.974	1.276	1.415
Rubber tires and inner tubes.....	33.36	56.32	55.30	35.0	44.0	38.6	.957	1.279	1.426
Rubber goods, other.....	23.34	42.81	45.34	38.9	44.2	42.1	.605	.970	1.077

<sup>1</sup> Data not strictly comparable with those shown under same title in the 1942 and previous issues of the Statistical Abstract.

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures published currently in Monthly Labor Review and in mimeographed releases.

**No. 235.—AVERAGE EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES IN SELECTED MONTHS: 1939 TO 1947**

MONTH AND YEAR	AVERAGE WEEKLY EARNINGS			AVERAGE HOURLY EARNINGS			ESTIMATED STRAIGHT-TIME AVERAGE HOURLY EARNINGS <sup>1</sup>		
	All manu- facturing	Durable goods	Non- durable goods	All manu- facturing	Durable goods	Non- durable goods	All manu- facturing	Durable goods	Non- durable goods
1939: January.....	\$23.19	\$25.33	\$21.57	\$0.632	\$0.696	\$0.583	\$0.623	\$0.688	\$0.574
1940: January.....	24.56	27.39	22.01	.655	.717	.598	.644	.703	.589
1941: January.....	26.64	30.48	22.75	.683	.749	.610	.664	.722	.601
1942: January.....	33.40	38.98	26.97	.801	.890	.688	.762	.835	.670
1943: January.....	40.62	46.68	32.10	.919	1.017	.768	.859	.941	.733
1944: January.....	45.29	51.21	36.03	1.002	1.099	.838	.931	1.013	.793
1945: January.....	47.50	53.54	38.66	1.046	1.144	.891	.970	1.053	.840
1946: January.....	41.15	43.67	38.75	1.004	1.070	.941	.966	1.033	.903
June.....	43.31	46.32	40.28	1.084	1.165	1.003	1.053	1.134	.972
1947: January.....	47.10	49.60	44.47	1.161	1.224	1.094	1.122	1.186	1.055
July.....	48.98	52.19	45.61	1.230	1.305	1.150	1.195	1.270	1.116
August.....	49.17	52.46	45.78	1.236	1.312	1.158	1.202	1.275	1.126
September.....	50.47	54.06	46.80	1.249	1.331	1.165	1.209	1.289	1.127
October.....	51.05	54.69	47.29	1.258	1.337	1.175	1.216	1.292	1.137
November.....	51.29	54.86	47.56	1.268	1.346	1.185	1.227	1.302	1.147
December.....	52.69	56.48	48.72	1.278	1.354	1.196	1.228	1.299	1.152

<sup>1</sup> Exclusive of work in excess of 40 hours per week (overtime) and paid for at time and one-half, based on distribution of total man-hours worked among major industry groups as currently reported. No allowance for special rates of pay for work done on holidays.

Source: Department of Labor, Bureau of Labor Statistics; published in Monthly Labor Review.

**No. 236.—PERCENT OF INCREASE IN URBAN WAGE RATES, BY INDUSTRY GROUP: APRIL 1943 TO APRIL 1947**

[Intended to measure changes in basic rates of pay. Based on changes in hourly wage rates (average hourly earnings in case of incentive workers) exclusive of all premium payments for overtime and for work on second or third shifts. Information collected through semiannual field visits to about 6,600 representative establishments, located in 69 wage areas centering in cities of 25,000 or more population. Data refer to important manufacturing industries in each area and to a standard group of nonmanufacturing industries in all areas. Minus sign denotes decrease]

INDUSTRY GROUP	PERCENT OF INCREASE FROM—							
	Apr. 1943 to Oct. 1943	Oct. 1943 to Apr. 1944	Apr. 1944 to Oct. 1944	Oct. 1944 to Apr. 1945	Apr. 1945 to Oct. 1945	Oct. 1945 to Apr. 1946	Apr. 1946 to Oct. 1946	Oct. 1946 to Apr. 1947
<b>All manufacturing industries.....</b>	3.8	1.9	2.2	1.6	2.4	9.8	5.7	5.2
Food and kindred products.....	3.2	1.1	1.9	1.4	3.0	7.8	8.3	6.9
Tobacco manufactures.....	1.1	3.1	1.7	3.7	5.3	7.4	8.9	5.5
Textile-mill products.....	2.7	2.7	2.3	1.1	5.0	12.3	10.6	9.3
Apparel and allied products.....	—2	5.0	7.6	6.7	3.1	11.0	4.9	2.2
Furniture and finished lumber products.....	3.4	1.8	2.9	1.0	5.7	9.0	12.7	5.5
Paper and allied products.....	5.2	.2	1.7	.4	3.2	11.6	8.6	5.7
Printing, publishing, and allied industries.....	3.1	1.6	2.5	2.1	3.5	9.1	7.5	13.8
Chemicals and allied products.....	2.4	1.3	1.2	.8	5.0	10.6	6.9	7.4
Products of petroleum and coal.....	—3	( <sup>1</sup> )	.3	.1	5.7	12.0	1.7	9.0
Rubber products.....	2.0	2.5	1.4	2.0	.6	15.2	.7	8.4
Leather and leather products.....	4.5	4.0	4.2	4.2	3.1	12.9	8.9	2.6
Basic iron and steel.....	( <sup>2</sup> )	.7	—6	.4	( <sup>3</sup> )	<sup>4</sup> 13.2	1.3	9.7
Shipbuilding.....	.4	.4	.5	.8	.4	10.0	5.0	.7
Metalworking (except basic iron and steel and shipbuilding).....	5.4	1.9	2.0	1.2	2.0	8.9	4.7	4.2
<b>Selected nonmanufacturing industries.....</b>	6.4	2.5	4.2	3.7	4.1	5.7	6.2	6.4
Wholesale trade.....	2.5	2.0	2.2	1.5	4.1	4.3	7.4	8.0
Retail trade.....	9.2	2.7	5.7	4.6	5.5	6.8	6.6	6.6
Finance, insurance and real estate.....	3.9	3.1	1.6	4.5	1.7	4.1	3.3	6.1
Local utilities.....	1.5	1.1	.3	1.5	2.3	10.1	1.8	7.4
Service trades.....	6.4	2.4	5.4	3.2	2.8	4.1	6.7	4.8

<sup>1</sup> Less than 1/10 of 1 percent.

<sup>2</sup> Representation inadequate to show percent of change.

<sup>3</sup> Not available.

<sup>4</sup> April 1945 to April 1946.

<sup>5</sup> Estimated.

Source: Department of Labor, Bureau of Labor Statistics; published in Monthly Labor Review.

No. 237.—AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS IN SELECTED NONMANUFACTURING INDUSTRIES: 1939, 1945 AND 1946

[Based on monthly data supplied by cooperating establishments covering both full-time and part-time employees. As not all reporting firms furnish man-hour data, average hours and average hourly earnings for individual industries are based on slightly smaller sample than weekly earnings]

INDUSTRY	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	1939	1945	1946	1939	1945	1946	1939	1945	1946
Anthracite mining.....	\$25. 67	\$48. 08	\$57. 15	27. 7	39. 2	38. 3	\$0. 923	\$1. 252	\$1. 494
Bituminous-coal mining.....	23. 88	52. 25	58. 03	27. 1	42. 3	41. 6	. 886	1. 240	1. 401
Metalliferous mining.....	28. 05	45. 86	46. 86	40. 9	44. 0	40. 5	. 708	1. 042	1. 156
Quarrying and nonmetallic mining.....	21. 61	41. 26	45. 66	39. 2	46. 6	45. 4	. 550	. 886	. 993
Crude petroleum producing.....	34. 09	54. 24	52. 98	38. 3	45. 2	40. 5	. 873	1. 197	1. 308
Telephone <sup>1</sup> .....	31. 94	( <sup>1</sup> )	44. 64	39. 1	( <sup>1</sup> )	39. 4	. 822	( <sup>1</sup> )	1. 124
Telegraph <sup>2</sup> .....	( <sup>3</sup> )	37. 98	40. 87	( <sup>3</sup> )	45. 5	44. 2	( <sup>3</sup> )	. 834	. 924
Electric light and power.....	34. 38	50. 05	52. 04	39. 6	43. 5	41. 6	. 869	1. 141	1. 255
Street railways and busses.....	33. 13	50. 50	53. 08	45. 9	51. 4	48. 5	. 714	. 974	1. 071
Wholesale trade.....	29. 85	44. 07	48. 06	41. 7	42. 7	41. 8	. 715	1. 029	1. 144
Retail trade—total.....	21. 17	28. 31	32. 55	43. 0	40. 3	40. 5	. 536	. 773	. 879
Retail trade—general merchandising.....	17. 80	23. 38	27. 26	38. 8	36. 5	36. 6	. 454	. 635	. 730
Hotels (year round) <sup>4</sup> .....	15. 25	24. 53	26. 95	47. 1	44. 2	43. 9	. 324	. 550	. 612
Laundries.....	17. 69	28. 61	30. 30	42. 7	43. 4	43. 2	. 417	. 660	. 700
Cleaning and dyeing.....	19. 96	32. 94	35. 36	41. 8	43. 3	43. 0	. 490	. 770	. 831
Brokerage.....	36. 63	64. 48	66. 26	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Insurance.....	36. 32	47. 13	50. 94	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup> New series established April 1945; annual average data for 1945 not available.  
<sup>2</sup> Data relate to all land-line employees except those compensated on a commission basis. Excludes general and divisional headquarters personnel, trainees in school, and messengers.  
<sup>3</sup> Not available.  
<sup>4</sup> Money payments only; additional value of board, room, uniforms, and tips, not included.

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures published currently in Monthly Labor Review and in mimeographed releases.

No. 238.—AVERAGE RATES PER HOUR FOR UNSKILLED LABOR EMPLOYED IN ROAD BUILDING ON FEDERAL-AID PROJECTS, BY GEOGRAPHIC DIVISIONS: 1928 TO 1947

YEAR	United States <sup>1</sup>	New Eng-land	Middle At-lantic	South At-lantic	East South Central	West South Central	East North Central	West North Central	Moun-tain	Pacific
1928.....	\$0. 40	\$0. 50	\$0. 44	\$0. 26	\$0. 26	\$0. 28	\$0. 39	\$0. 38	\$0. 46	\$0. 53
1929.....	. 39	. 51	. 43	. 27	. 26	. 31	. 40	. 38	. 46	. 53
1930.....	. 39	. 50	. 42	. 25	. 25	. 28	. 38	. 37	. 47	. 53
1931.....	. 36	. 45	. 38	. 21	. 20	. 23	. 37	. 36	. 45	. 51
1932.....	. 32	. 35	. 36	. 19	. 19	. 26	. 36	. 32	. 44	. 48
1933.....	. 38	. 37	. 37	. 26	. 24	. 31	. 42	. 37	. 51	. 62
1934.....	. 42	. 43	. 41	. 31	. 30	. 35	. 50	. 44	. 55	. 68
1935.....	. 41	. 45	. 43	. 31	. 30	. 36	. 53	. 47	. 56	. 67
1936.....	. 40	. 45	. 47	. 28	. 29	. 32	. 52	. 43	. 53	. 67
1937.....	. 40	. 47	. 48	. 26	. 28	. 30	. 58	. 46	. 53	. 62
1938.....	. 40	. 45	. 50	. 27	. 28	. 37	. 60	. 46	. 55	. 66
1939.....	. 42	. 48	. 52	. 29	. 29	. 37	. 60	. 45	. 56	. 65
1940.....	. 46	. 51	. 54	. 30	. 34	. 38	. 62	. 47	. 55	. 69
1941.....	. 48	. 55	. 57	. 36	. 36	. 40	. 65	. 50	. 59	. 75
1942.....	. 58	. 66	. 67	. 47	. 42	. 44	. 76	. 61	. 72	. 96
1943.....	. 71	. 89	. 93	. 58	. 56	. 54	. 93	. 78	. 86	1. 06
1944.....	. 74	. 91	. 93	. 66	. 62	. 61	. 97	. 81	. 92	1. 11
1945.....	. 78	. 95	. 98	. 69	. 70	. 68	. 99	. 84	. 84	1. 19
1946.....	. 83	1. 04	1. 00	. 71	. 67	. 70	1. 00	. 84	1. 00	1. 21
1947.....	. 91	1. 11	1. 13	. 74	. 69	. 76	1. 13	. 93	1. 11	1. 32

<sup>1</sup> Changes in United States wage rates are affected by relative number of men employed in areas with higher or lower wage rates.  
Source: Federal Works Agency, Public Roads Administration; records.

# No. 239.—INDEXES OF UNION WAGE RATES AND WEEKLY HOURS IN SELECTED TRADES: 1915 TO 1947

[Data for earlier years cover 39 cities. Coverage gradually extended until 75 cities were included. Prior to 1938 figures based upon scale prevailing May 15 each year. From 1938 to 1942 study made as of June 1, except for building trades rates in 1942, made as of July 1. Since 1943 data collected as of July 1 for all trades. Relative wages are percentages which indicate change in basic wage rates per hour. Relative hours are percentages showing change in regular full-time hours per week, account not being taken of loss of time from slack work or other causes, nor of overtime work]

[Rates and hours for 1939=100]

YEAR	BUILDING TRADES						PRINTING TRADES					
	All building trades		Journeyman		Helpers and laborers		All printing trades		Book and job		Newspaper	
	Rate	Hours	Rate	Hours	Rate	Hours	Rate	Hours	Rate	Hours	Rate	Hours
1915.....	37.2	117.6	38.0	117.6	32.4	117.5	38.2	126.8	36.9	128.7	43.0	118.5
1916.....	38.4	117.2	39.3	117.1	33.5	117.2	38.6	126.8	37.5	128.7	43.2	118.5
1917.....	40.8	116.9	41.5	116.9	36.8	116.7	39.9	126.8	38.8	128.7	44.3	118.5
1918.....	45.3	116.3	45.9	116.2	42.6	116.3	43.4	126.8	43.0	128.7	46.4	118.5
1919.....	51.9	115.7	52.4	115.7	49.3	115.2	53.1	126.8	53.0	128.6	56.0	118.7
1920.....	70.0	115.1	70.1	115.2	71.5	114.5	68.1	123.1	69.1	128.8	68.5	118.6
1921.....	71.3	115.0	71.4	115.1	72.2	114.5	74.6	115.6	76.1	113.9	74.5	118.3
1922.....	66.9	115.0	67.3	115.2	65.7	114.2	75.4	115.2	76.4	112.5	75.2	129.6
1923.....	73.9	115.1	74.2	115.3	69.7	114.4	77.7	114.7	79.4	111.8	76.0	120.4
1924.....	79.8	115.1	80.1	115.3	75.4	114.4	81.5	114.2	82.7	111.8	80.6	118.7
1925.....	82.9	115.1	83.1	115.3	77.9	114.2	82.7	114.2	83.5	111.9	82.0	118.4
1926.....	88.3	114.9	88.7	115.1	84.9	113.9	84.5	114.1	85.4	111.7	83.8	118.6
1927.....	91.3	114.7	91.7	114.8	86.4	113.9	87.0	114.0	87.5	111.7	86.3	118.3
1928.....	91.9	114.0	92.4	114.0	87.3	113.8	88.6	114.0	88.7	111.7	88.5	118.0
1929.....	93.1	113.0	93.6	113.3	88.8	111.5	89.9	113.9	89.9	111.6	90.0	117.8
1930.....	97.0	109.8	97.5	110.0	93.3	109.0	91.3	113.8	91.5	111.5	90.9	117.6
1931.....	97.3	108.5	97.8	108.5	92.8	108.1	91.8	113.7	92.1	111.5	91.2	117.6
1932.....	83.1	106.5	83.6	106.6	79.2	106.7	91.1	109.9	91.2	107.2	91.0	114.6
1933.....	80.8	106.2	81.4	106.2	75.7	105.2	85.7	109.0	86.1	106.1	85.1	114.0
1934.....	81.4	102.3	81.8	102.3	77.9	101.9	87.5	103.4	88.5	102.4	86.2	105.0
1935.....	82.3	101.5	82.8	101.5	78.3	101.2	90.8	101.7	90.4	100.9	91.5	103.2
1936.....	85.3	101.5	85.5	101.5	82.9	101.4	92.9	101.3	93.0	101.0	92.8	101.9
1937.....	91.2	101.9	91.4	101.9	90.1	101.8	96.0	100.8	96.0	100.8	96.3	101.0
1938.....	99.3	100.2	99.3	100.1	99.2	100.2	99.1	100.3	99.2	100.3	98.8	100.5
1939.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1940.....	101.6	99.9	101.4	100.0	102.0	99.4	101.4	99.8	100.9	99.8	102.2	99.7
1941.....	105.3	100.3	105.0	100.5	106.8	99.7	102.6	99.8	102.0	99.8	103.6	99.3
1942.....	111.9	101.1	110.9	101.8	117.5	99.8	107.0	99.5	106.4	99.8	108.1	99.2
1943.....	112.7	101.0	111.5	102.0	118.9	98.1	110.4	99.8	109.3	100.1	112.6	99.2
1944.....	113.6	101.2	112.4	102.2	120.3	98.1	113.1	99.8	112.2	100.1	115.1	99.2
1945.....	116.0	101.2	114.4	102.2	125.9	98.1	114.6	99.8	113.7	100.1	116.7	99.2
1946.....	129.3	100.2	126.8	101.1	146.3	97.4	134.2	97.3	133.7	96.6	135.5	98.8
1947.....	147.9	100.1	144.6	100.9	171.1	97.4	(1)	(1)	(1)	(1)	(1)	(1)

TRADES	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
Motortruck drivers and helpers:										
Rate.....	97.8	100.0	102.0	106.1	113.6	118.8	122.6	125.2	139.3	160.8
Hours.....	100.9	100.0	99.1	98.5	98.8	98.6	98.5	98.3	96.8	94.0
Streetcar and bus operators: Rate..	99.2	100.0	101.1	104.8	112.5	119.8	120.8	122.1	143.1	161.5
Bakery workers:										
Rate.....	-----	100.0	102.7	106.1	116.3	121.2	122.0	123.6	141.6	160.6
Hours.....	-----	100.0	99.5	99.2	99.1	98.6	98.6	98.6	98.3	98.2

<sup>1</sup> Not yet available.

Source: Department of Labor, Bureau of Labor Statistics; published annually in Monthly Labor Review and special pamphlets.

No. 240.—AVERAGE HOURS AND EARNINGS ON CONSTRUCTION PROJECTS: 1935 TO 1947

YEAR AND MONTH	FEDERALLY FINANCED PROJ- ECTS <sup>1</sup>			PRIVATE BUILDING PROJECTS		
	Average hours worked per month	Average monthly earnings	Average hourly earnings	Average hours worked per week	Average weekly earnings	Average hourly earnings
1935.....	96.7	\$63.96	\$0.661	30.1	\$24.51	\$0.815
1936.....	114.1	81.22	.712	32.8	27.01	.824
1937.....	126.1	91.87	.729	33.4	30.14	.903
1938.....	130.6	94.59	.724	32.1	29.19	.908
1939.....	124.7	99.39	.797	32.6	30.39	.932
1940.....	136.9	114.32	.835	33.1	31.70	.958
1941.....	160.3	151.23	.943	34.8	35.14	1.010
March.....	154.7	139.91	.904	32.8	32.66	.996
June.....	157.8	146.10	.926	35.3	35.15	.997
September.....	167.9	158.87	.946	36.5	37.10	1.017
December.....	160.8	166.26	1.034	35.4	37.73	1.066
1942.....	169.3	182.55	1.078	36.4	41.80	1.148
March.....	151.6	158.27	1.044	35.0	38.29	1.094
June.....	172.8	182.90	1.058	37.2	42.28	1.136
September.....	174.8	192.81	1.103	37.8	45.40	1.201
December.....	172.5	194.49	1.127	37.8	46.46	1.230
1943.....	168.1	193.96	1.154	38.4	48.13	1.252
March.....	162.8	184.70	1.135	37.4	46.49	1.242
June.....	175.1	203.53	1.162	39.5	48.65	1.230
September.....	165.1	195.54	1.184	39.4	49.59	1.258
December.....	167.5	196.78	1.175	38.1	49.38	1.295
1944.....	166.9	202.13	1.211	39.6	52.18	1.319
March.....	167.1	196.49	1.176	38.5	49.85	1.296
June.....	165.8	195.83	1.181	40.2	52.21	1.300
September.....	162.8	201.33	1.237	40.1	53.71	1.339
December.....	162.9	208.23	1.278	39.4	53.48	1.369
1945.....	168.8	219.58	1.301	39.0	53.73	1.379
March.....	167.2	219.76	1.314	40.0	54.49	1.363
June.....	177.3	233.04	1.314	40.4	55.50	1.374
September.....	165.1	207.98	1.260	38.1	52.94	1.388
December.....	156.2	191.59	1.227	37.1	51.79	1.395
1946.....	160.5	206.34	1.286	38.1	56.24	1.478
March.....	159.5	193.07	1.210	37.5	52.87	1.411
June.....	158.5	194.53	1.227	38.2	55.23	1.444
September.....	159.9	207.97	1.301	38.7	58.49	1.510
December.....	158.9	215.27	1.355	38.4	60.32	1.569
1947.....	158.6	216.13	1.363	37.6	63.30	1.681
March.....	148.0	194.48	1.314	38.0	61.23	1.610
June.....	158.5	209.56	1.322	37.8	62.71	1.661
September.....	167.3	229.49	1.371	37.9	65.36	1.723
December.....	154.4	220.60	1.428	37.9	67.31	1.774

<sup>1</sup> Data on hours and earnings on Federal projects reported by accounting months rather than calendar months, and since pay periods are not uniform in any given month, some contractors report data for 4 weeks and others for 5. Consequently, average hours and earnings cannot be accurately computed by weeks and figures for average monthly hours and earnings tend to show certain irregularities reflecting this method of reporting.

Source: Department of Labor, Bureau of Labor Statistics; data on Federal projects published currently in Construction Bulletin, private projects in Monthly Labor Review.



### No. 241.—MONTHLY LABOR TURN-OVER RATES (PER 100 EMPLOYEES) IN MANUFACTURING INDUSTRIES: 1939 TO 1947

[Month-to-month employment changes as indicated by labor turn-over rates are not precisely comparable to those in tables 215-217, as the former are based on data for entire month while the latter refer to a one-week period ending nearest middle of month. In addition, labor turn-over data, beginning in Jan. 1943, refer to all employees, whereas employment and pay-roll data relate only to production workers. The turn-over sample is not so extensive as that of the employment and pay-roll survey—proportionately fewer small plants are included; printing and publishing, and certain seasonal industries, such as canning and preserving, are not covered]

CLASS OF TURN-OVER AND YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Accession</b>												
1939.....	4.1	3.1	3.3	2.9	3.3	3.9	4.2	5.1	6.2	5.9	4.1	2.8
1943.....	5.3	7.9	8.3	7.4	7.2	8.4	7.8	7.6	7.7	7.2	6.6	5.2
1946.....	5.5	6.8	7.1	6.7	5.1	6.7	7.4	7.0	7.1	6.8	5.7	4.3
1947.....	6.0	5.0	5.1	5.1	4.8	5.5	4.9	5.3	5.9	5.5	4.9	3.6
<b>Total separation</b>												
1939.....	3.2	2.6	3.1	3.3	3.5	3.3	3.3	3.0	2.8	2.9	3.0	3.5
1943.....	7.1	7.1	7.7	7.5	6.7	7.1	7.6	8.3	8.1	7.0	6.4	6.6
1946.....	6.8	6.3	6.6	6.3	6.3	5.7	5.8	6.4	6.9	6.3	4.9	4.5
1947.....	4.9	4.5	4.9	5.2	5.4	4.7	4.6	5.3	5.9	5.0	4.0	3.7
<b>Quit</b>												
1939.....	.9	.6	.8	.8	.7	.7	.7	.6	1.1	.9	.8	.7
1943.....	4.5	4.7	5.4	5.4	4.8	5.2	5.6	6.3	6.3	5.2	4.5	4.4
1946.....	4.3	3.9	4.2	4.3	4.2	4.0	4.6	5.3	5.3	4.7	3.7	3.0
1947.....	3.5	3.2	3.5	3.7	3.5	3.1	3.1	4.0	4.5	3.6	2.7	2.3
<b>Discharge:</b>												
1939.....	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1
1943.....	.8	.5	.6	.5	.6	.5	.7	.7	.6	.6	.6	.6
1946.....	.5	.5	.4	.4	.4	.3	.4	.4	.4	.4	.4	.4
1947.....	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
<b>Lay-off<sup>1</sup></b>												
1939.....	2.2	1.9	2.2	2.6	2.7	2.5	2.6	2.1	1.6	1.6	2.0	2.7
1943.....	.7	.5	.5	.6	.5	.5	.6	.6	.5	.5	.7	1.0
1946.....	1.5	1.7	1.6	1.4	1.5	1.2	.6	.7	1.0	1.0	.7	1.0
1947.....	.9	.8	.9	1.0	1.4	1.1	1.0	.8	.9	.9	.8	.9
<b>Military and misc.<sup>2</sup></b>												
1943.....	1.4	1.4	1.3	1.0	.8	.8	.8	.8	.7	.7	.6	.5
1946.....	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1
1947.....	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1

<sup>1</sup> Includes temporary, indeterminate, and permanent lay-offs.

<sup>2</sup> Miscellaneous separations rates amount to not more than 0.1 per 100 employees. In 1939, included with "quit."

### No. 242.—ESTIMATED NUMBER OF DISABLING INDUSTRIAL INJURIES, BY MAJOR INDUSTRY GROUP: 1943 TO 1947

[In thousands. Includes employees and self-employed. For additional data on accidents, consult index]

INDUSTRY GROUP	1943	1944	1945	1946	1947 <sup>1</sup>	1943	1944	1945	1946	1947 <sup>1</sup>
	Total					Deaths and permanent total disabilities				
All industries.....	2,414.8	2,230.4	2,619.8	2,056.0	2,059.0	26.1	17.6	17.8	18.3	18.1
Agriculture <sup>2</sup> .....	311.9	311.9	305.6	323.6	298.0	6.2	5.2	4.9	4.9	4.7
Mining and quarrying <sup>3</sup> .....	96.4	92.1	82.1	83.6	92.9	2.2	1.9	1.7	1.6	1.7
Construction <sup>4</sup> .....	200.1	90.6	112.2	131.6	151.7	2.7	1.2	1.8	2.5	2.7
Manufacturing <sup>5</sup> .....	802.5	754.9	591.6	541.5	539.0	3.4	3.2	3.0	2.7	2.9
Public utilities.....	19.7	19.3	20.3	25.5	27.7	.4	.4	.4	.4	.4
Trade, wholesale and retail <sup>6</sup> .....	268.4	273.6	296.0	333.1	360.6	1.2	.8	.9	1.5	1.6
Railroads <sup>6</sup> .....	85.4	92.4	94.1	76.0	71.9	1.5	1.5	1.5	1.1	1.1
Miscellaneous transportation <sup>6</sup> .....	146.0	135.1	139.9	132.8	135.2	1.4	1.0	1.1	1.0	1.0
Service, government and misc. industry <sup>6</sup> .....	423.6	419.3	376.0	407.9	382.0	2.1	2.4	2.5	2.7	2.7
	Permanent partial disabilities					Temporary total disabilities				
All industries.....	11.6	14.4	11.1	12.4	10.8	2,285.9	2,118.4	1,912.9	1,945.3	1,950.2
Agriculture <sup>2</sup> .....	16.6	15.6	15.3	16.2	14.9	291.1	291.1	285.4	302.5	278.4
Mining and quarrying <sup>3</sup> .....	4.2	4.0	3.6	3.7	4.1	90.0	86.2	76.8	78.6	87.1
Construction <sup>4</sup> .....	12.8	3.6	3.4	3.4	4.3	244.6	94.6	107.0	125.9	144.7
Manufacturing <sup>5</sup> .....	34.1	35.4	30.7	28.2	27.2	765.0	748.3	557.9	510.6	508.9
Public utilities.....	.5	.5	.6	.6	.6	18.8	18.4	19.3	24.5	26.7
Trade, wholesale and retail <sup>6</sup> .....	6.6	6.0	7.1	8.0	8.6	260.6	267.0	288.0	323.6	360.4
Railroads <sup>6</sup> .....	5.9	6.4	6.5	5.3	5.0	78.1	84.5	86.1	69.6	65.8
Miscellaneous transportation <sup>6</sup> .....	4.1	4.1	4.2	7.6	7.4	140.5	130.0	134.6	124.2	111.1
Service, government and misc. industry <sup>6</sup> .....	24.2	18.8	16.7	19.4	17.9	307.3	306.1	258.8	265.8	261.4

<sup>1</sup> Preliminary. <sup>2</sup> Based on fragmentary data.

<sup>3</sup> Based largely on Bureau of Mines data.

<sup>4</sup> Based on small sample studies.

<sup>5</sup> Based on comprehensive survey.

<sup>6</sup> Based on Interstate Commerce Commission data.

Source of tables 241 and 242: Department of Labor, Bureau of Labor Statistics; Monthly Labor Review.

## No. 243.—WORK STOPPAGES: 1916 TO 1946

[Excludes work stoppages involving fewer than 6 workers or lasting less than 1 day. Information obtained directly from companies and unions involved as well as from various Government labor boards, conciliation services, and other neutral parties]

YEAR	WORK STOPPAGES		WORKERS INVOLVED		MAN-DAYS IDLE			INDEXES (1925-26=100)—		
	Number	Average duration (calendar days)	Number (thousands)	Percent of total employed <sup>1</sup>	Number (thousands)	Percent of estimated working time <sup>2</sup>	Per worker involved	Work stoppages	Workers involved	Man-days idle
1916 <sup>1</sup>	2,789	( <sup>3</sup> )	1,600	8.4	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	132	142	( <sup>4</sup> )
1917	4,450	( <sup>4</sup> )	1,227	6.3	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	155	109	( <sup>4</sup> )
1918	3,353	( <sup>4</sup> )	1,240	6.2	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	117	110	( <sup>4</sup> )
1919	3,630	( <sup>4</sup> )	4,160	20.8	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	127	370	( <sup>4</sup> )
1920	3,411	( <sup>4</sup> )	1,453	7.2	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	119	130	( <sup>4</sup> )
1921	2,385	( <sup>4</sup> )	1,099	6.4	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	83	98	( <sup>4</sup> )
1922	1,112	( <sup>4</sup> )	1,613	8.7	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	39	143	( <sup>4</sup> )
1923	1,553	( <sup>4</sup> )	757	3.5	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	54	67	( <sup>4</sup> )
1924	1,249	( <sup>4</sup> )	655	3.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	44	58	( <sup>4</sup> )
1925	1,301	( <sup>4</sup> )	428	2.0	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	45	38	( <sup>4</sup> )
1926	1,035	( <sup>4</sup> )	330	1.5	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	36	29	( <sup>4</sup> )
1927	707	26.5	330	1.4	26,219	0.37	79.5	25	29	153
1928	604	27.6	314	1.3	12,682	.17	40.2	21	28	75
1929	921	22.6	269	1.2	5,353	.07	15.5	22	26	32
1930	637	22.3	183	.8	3,317	.05	18.1	22	16	20
1931	810	18.8	343	1.6	6,893	.11	20.2	28	30	41
1932	841	19.6	324	1.6	10,502	.23	32.4	29	29	62
1933	1,695	16.9	1,168	6.3	16,872	.36	14.4	59	104	100
1934	1,856	19.5	1,467	7.2	19,593	.38	13.4	65	130	116
1935	2,014	23.8	1,117	5.2	15,456	.30	13.8	70	99	91
1936	2,173	23.3	789	3.1	13,902	.21	17.6	76	70	82
1937	4,740	20.3	1,961	7.2	23,425	.43	15.3	166	165	168
1938	2,772	23.6	688	2.8	9,148	.15	13.2	97	61	54
1939	2,613	23.4	1,171	4.7	17,812	.26	13.2	91	104	105
1940	2,508	20.9	577	2.3	6,701	.10	11.6	88	51	40
1941	4,288	18.3	2,360	8.4	23,049	.32	9.8	150	210	136
1942	2,968	11.7	840	2.8	4,183	.05	5.0	104	75	25
1943	3,752	5.0	1,980	6.9	13,501	.15	6.8	131	176	80
1944	4,956	5.6	2,120	7.0	6,721	.09	4.1	173	188	51
1945	4,750	9.9	3,470	12.2	38,025	.47	11.0	166	308	224
1946	4,985	24.2	4,600	14.5	116,000	1.43	25.2	174	408	684

<sup>1</sup> Number of workers involved in some work stoppages which occurred between 1916 and 1926 is not known. Missing information is for smaller disputes and totals here given are fairly accurate.

<sup>2</sup> "Total employed workers" includes all workers except those in occupations and professions where strikes rarely if ever occur. In general, "total employed workers" includes all employees except following groups: Government workers, agricultural wage earners on farms employing less than 6 workers, managerial and supervisory employees, and certain groups which because of nature of work cannot or do not strike (such as college professors, clergymen, and domestic servants). Self-employed and unemployed persons are excluded.

<sup>3</sup> Obtained by multiplying average number of employed workers each year by number of days worked by most employees during year.

<sup>4</sup> Not available.

Source: Department of Labor, Bureau of Labor Statistics; published in May issues of Monthly Labor Review.

## No. 244.—MAJOR ISSUES INVOLVED IN WORK STOPPAGES ENDING IN 1945 AND 1946

[See headnote, table 243]

MAJOR ISSUES	NUMBER OF WORK STOPPAGES		NUMBER OF WORKERS INVOLVED		NUMBER OF MAN-DAYS IDLE	
	1945	1946	1945	1946	1945	1946
All issues.....	4,616	4,590	3,663,300	4,345,000	24,300,000	134,000,000
Wages and hours.....	1,966	2,238	1,339,400	3,710,000	10,817,000	101,000,000
Union organization, wages and hours.....	396	914	163,000	439,000	2,115,000	16,600,000
Union organization.....	580	708	513,200	129,000	5,045,000	2,190,000
Other working conditions.....	1,510	879	857,900	435,000	5,024,000	2,500,000
Interunion or intraunion matters.....	194	246	169,400	236,000	1,353,000	1,140,000
Not reported.....	10	10	1,000	1,500	5,000	6,200

Source: Department of Labor, Bureau of Labor Statistics; May issues of Monthly Labor Review.

No. 245.—WORK STOPPAGES, BY INDUSTRY GROUPS: 1942 TO 1946

[See headnote, table 243]

INDUSTRY GROUP	NUMBER OF WORK STOPPAGES BEGINNING—					NUMBER OF WORKERS INVOLVED					NUMBER OF MAN-DAYS IDLE DURING YEAR				
	1943	1944	1945	1946		1942	1943	1944	1945	1946	1942	1943	1944	1945	1946
	1943	1944	1945	1946		1942	1943	1944	1945	1946	1942	1943	1944	1945	1946
All industries.....	2,948	3,762	4,354	4,759	4,965	838,941	1,281,273	2,115,637	3,457,000	4,500,000	4,182,557	13,590,529	8,721,079	30,026,990	118,809,098
MANUFACTURING															
Food and kindred products.....	178	135	100	212	278	29,002	24,567	38,024	83,900	157,000	210,423	98,845	177,789	959,000	2,220,000
Tobacco manufactures.....	9	16	19	22	14	2,635	24,955	7,054	15,800	4,190	25,074	91,161	59,546	284,000	255,000
Textile-mill products.....	106	177	184	187	186	93,460	84,361	55,264	107,400	80,700	463,702	308,170	471,267	1,486,000	1,360,000
Apparel and other finished products, etc.....	175	142	100	116	173	25,710	54,485	14,608	15,400	24,300	192,647	175,149	70,476	177,000	574,000
Lumber and timber basic products.....	88	72	81	67	61	17,039	11,367	43,468	57,000	18,400	114,875	55,676	290,439	2,230,000	959,000
Furniture and finished lumber products.....	92	66	86	90	208	16,978	11,055	16,909	20,800	44,900	145,049	46,226	81,316	363,000	1,550,000
Paper and allied products.....	44	38	49	92	76	14,061	21,204	16,439	27,700	21,800	78,762	95,540	122,937	354,000	605,000
Printing, publishing, and allied industries.....	34	23	23	47	67	7,961	1,081	2,399	13,200	14,200	61,235	7,946	9,806	221,000	326,000
Chemicals and allied products.....	67	76	116	120	122	31,198	21,267	26,128	43,600	48,100	103,304	68,395	116,334	427,000	1,190,000
Products of petroleum and coal.....	8	29	42	38	21	3,680	4,017	9,340	60,000	4,280	11,051	14,801	25,102	450,000	108,000
Rubber products.....	28	73	77	126	69	15,639	59,203	30,496	256,400	90,400	33,322	260,308	113,905	1,521,000	813,000
Leather and leather products.....	87	93	95	111	100	27,835	27,491	24,009	50,600	20,000	241,186	147,901	116,038	246,000	434,000
Stone, clay, and glass products.....	116	109	122	104	136	33,443	26,962	37,874	60,400	32,000	227,156	144,728	204,431	1,303,000	1,180,000
Iron and steel and their products.....	330	650	926	917	478	95,930	351,238	369,196	425,100	859,000	269,901	726,129	1,225,000	3,731,000	23,500,000
Nonferrous metals and their products.....	71	133	148	142	134	29,130	45,619	49,644	75,000	78,200	69,748	89,617	142,851	600,000	4,280,000
Machinery (except electrical).....	130	219	311	335	324	46,911	63,125	141,078	228,200	244,000	103,878	139,544	507,917	2,965,000	13,700,000
Electrical machinery.....	46	61	80	96	134	20,202	33,235	35,278	121,200	232,000	53,041	95,008	111,944	1,300,000	10,800,000
Transportation equipment (except autos).....	65	192	321	223	61	54,644	154,753	363,159	360,500	59,200	146,296	382,077	897,345	2,430,000	2,340,000
Automobiles and automobile equipment.....	50	153	228	184	132	42,494	166,293	368,763	473,700	160,000	64,401	441,123	1,361,069	7,808,000	16,000,000
Miscellaneous manufacturing industries.....	68	43	39	76	120	6,934	9,451	5,026	20,600	22,900	68,589	48,313	32,981	441,000	812,000
NONMANUFACTURING															
Agriculture, forestry, and fishing.....	31	16	18	20	28	4,731	3,967	9,851	5,000	17,500	110,139	94,386	274,474	47,000	219,000
Mining.....	156	463	663	670	570	83,312	609,678	278,061	678,000	974,000	515,602	9,370,216	1,412,634	6,284,000	21,400,000
Construction.....	259	188	168	208	351	30,998	34,659	22,455	45,800	145,000	164,156	140,527	119,898	447,000	1,450,000
Trade.....	260	119	130	162	265	30,267	25,462	31,450	34,800	64,100	304,019	90,711	270,401	336,000	892,000
Finance, insurance, and real estate.....	23	26	16	23	29	5,894	3,060	954	15,700	2,140	20,763	15,106	10,933	80,000	14,700
Transportation, communication, etc.....	221	264	335	342	479	42,341	54,586	73,390	167,000	1,020,000	170,647	183,268	344,946	1,551,000	9,020,000
Services—personal, business, and other.....	130	114	96	97	206	20,369	14,142	11,750	18,400	54,700	189,787	122,660	73,979	552,000	924,000
Other nonmanufacturing industries.....	39	51	36	32	62	5,021	10,235	5,733	3,400	9,600	28,715	48,428	65,673	20,000	51,000

<sup>1</sup> Less than sum of figures below, because one or more strikes each affecting more than 1 industry, have been counted as separate strikes in each industry affected, with the proper allocation of workers and man-days idle to each industry.

Sources: Department of Labor, Bureau of Labor Statistics; May issues of Monthly Labor Review.

## 9. Military Services and Veterans' Affairs

This section includes data on the Army, the Navy, other branches of the military service and on the various aspects of government programs for veterans.

**Military services.**—Data are compiled from the various branches as indicated in the source notes. A summary table prepared by the Bureau of Labor Statistics, similar to their tables on employment in the section on Labor Force, is also included.

**Veterans' Administration.**—The Veterans' Administration was created under authorization of the act of Congress approved July 3, 1930 (46 Stat. 1016: 38 U. S. C. 11), to consolidate and coordinate under a single control all Federal agencies dealing with veterans' affairs.

The Veterans' Administration administers laws relating to the relief of, and other benefits provided by law for, former members of the military and naval forces. It is responsible for extending relief to veterans and to dependents of deceased veterans of all wars, and to veterans and to dependents of deceased veterans who served in the Government military and naval establishments during time of peace, as provided for by various acts of Congress. These benefits include, in addition to compensation, pensions, vocational rehabilitation, and education, the guarantee or insurance of loans for purchase or construction of homes, farms, and business property, readjustment allowance for unemployed or self-employed veterans, Government life insurance, death benefits, adjusted compensation, emergency and other officers' retirement pay, physical examinations, hospital and out-patient treatment, and domiciliary care. The Veterans' Administration also administers the insurance section of the Soldiers' and Sailors' Civil Relief Act for persons in the active military service.

No. 246.—PERSONNEL AND PAY OF THE MILITARY BRANCH OF THE FEDERAL GOVERNMENT: 1934 TO 1947  
[In thousands]

YEAR	PERSONNEL (AVERAGE FOR YEAR)					PAY (TOTAL FOR YEAR) <sup>1</sup>					
	Total	Branch		Sex		Total	Branch		Type of pay		
		Army <sup>2</sup>	Navy <sup>3</sup>	Men	Wom- en		Army <sup>4</sup>	Navy <sup>5</sup>	Pay roll <sup>6</sup>	Muster- ing-out pay	Familly allow- ances <sup>7</sup>
1934.....	257	138	119	.....	.....	\$229,968	\$101,576	\$128,392	\$229,968	.....	.....
1935.....	267	145	122	.....	.....	251,875	110,908	140,967	251,875	.....	.....
1936.....	298	167	131	.....	.....	272,473	121,572	150,901	272,473	.....	.....
1937.....	318	178	140	.....	.....	290,592	132,089	158,503	290,592	.....	.....
1938.....	331	185	146	.....	.....	305,945	139,317	166,628	305,945	.....	.....
1939.....	345	191	154	.....	.....	331,523	155,482	176,041	331,523	.....	.....
1940.....	532	324	208	.....	.....	431,030	211,925	219,105	431,030	.....	.....
1941.....	1,644	1,291	353	1,639	5	1,262,927	855,900	407,027	1,262,927	.....	.....
1942.....	3,968	3,071	897	3,952	16	4,696,264	3,410,056	1,286,208	4,553,362	.....	\$142,902
1943.....	8,944	6,733	2,211	8,833	111	11,173,186	8,143,833	3,029,353	10,140,852	.....	1,032,334
1944.....	11,372	7,889	3,483	11,161	211	16,840,205	11,130,018	5,710,187	14,067,813	\$229,213	2,543,179
1945.....	11,608	7,734	3,874	11,350	258	20,392,101	13,478,703	6,913,398	16,097,640	1,367,520	2,926,941
1946.....	3,751	2,291	1,460	3,675	76	10,093,750	6,285,071	3,808,679	6,463,180	2,177,308	736,949
1947.....	1,671	1,060	611	1,649	22	5,327,884	3,439,052	1,888,832	3,314,354	177,084	308,220

<sup>1</sup> Excludes pay of retired and inactive reserve personnel.  
<sup>2</sup> Prior to March 1944, includes persons on induction furlough; prior to June 1942 and after April 1945, includes Philippine Scouts.  
<sup>3</sup> Covers Navy, Marine Corps, and Coast Guard. Includes missing personnel and personnel in hands of enemy.  
<sup>4</sup> For war period, represents obligations for pay of Army personnel.  
<sup>5</sup> Covers Navy, Marine Corps, and Coast Guard. For Navy proper and Coast Guard, includes cash payments for clothing allowance balances.  
<sup>6</sup> Includes men's share of family allowances but excludes Government's contribution.  
<sup>7</sup> Represents Government's contribution. Excludes men's share.  
<sup>8</sup> Includes leave payments of \$716,313,000 in 1946 and \$1,528,227,000 in 1947 (representing face value of bonds and cash payments) to enlisted personnel discharged prior to Sept. 1, 1946, for accrued and unused leave, and to officers and enlisted personnel then on active duty for leave accrued in excess of 60 days.

Source: Department of Labor, Bureau of Labor Statistics. Current data published in Monthly Labor Review.

# No. 247.—ARMY OF THE UNITED STATES—STRENGTH OF COMPONENT PARTS: 1890 TO 1941

[For period prior to 1914, table covers quinquennial years and years of considerable changes in Regular Army. Includes personnel not on active duty. Figures for Reserve officers include data for Regular Army enlisted men, and also, for years prior to 1924, for National Guard officers holding commissions in Reserve. Hence, grand totals include a relatively small amount of duplication]

JUNE 30—	Grand total	REGULAR ARMY <sup>1</sup>			NATIONAL GUARD <sup>2</sup>			RESERVE FORCES		
		Total	Officers	Enlisted men	Total	Officers	Enlisted men	Total	Officers	Enlisted men
1890.....	136,624	27,089	2,168	24,921	109,535	8,555	100,980	.....	.....	.....
1895.....	140,051	27,172	2,154	25,018	112,879	9,227	103,652	.....	.....	.....
1900.....	223,366	68,155	2,486	65,669	122,213	8,246	113,967	<sup>3</sup> 32,998	<sup>4</sup> 1,531	<sup>5</sup> 31,467
1901.....	200,696	81,586	2,940	78,646	115,749	8,751	106,998	<sup>6</sup> 3,361	<sup>7</sup> 350	<sup>8</sup> 3,011
1902.....	185,805	75,584	3,731	71,853	110,221	( <sup>9</sup> )	( <sup>9</sup> )	.....	.....	.....
1905.....	178,269	66,956	3,934	63,022	111,313	8,680	102,633	.....	.....	.....
1908.....	187,369	76,428	3,966	72,462	110,941	8,583	102,358	.....	.....	.....
1909.....	203,385	84,459	4,208	80,251	118,926	8,975	109,951	.....	.....	.....
1910.....	200,378	80,718	4,439	76,279	119,660	9,155	110,505	.....	.....	.....
1912.....	213,313	91,461	4,650	86,811	121,852	9,142	112,710	.....	.....	.....
1914.....	225,819	97,760	4,883	92,877	128,043	8,792	119,251	<sup>10</sup> 16	.....	<sup>11</sup> 16
1915.....	235,410	105,993	4,798	101,195	129,398	8,705	120,693	<sup>12</sup> 19	.....	<sup>13</sup> 19
1916.....	244,483	107,641	5,025	102,616	132,194	8,589	123,605	<sup>14</sup> 4,648	.....	<sup>15</sup> 4,648
1917.....	629,863	250,357	6,332	244,025	<sup>16</sup> 314,581	<sup>17</sup> 11,000	303,581	64,925	<sup>18</sup> 21,543	<sup>19</sup> 43,382
1918.....	2,246,103	741,084	10,518	730,566	<sup>20</sup> 445,678	<sup>21</sup> 12,000	<sup>22</sup> 433,678	1,059,341	<sup>23</sup> 135,380	<sup>24</sup> 923,961
1918 (Nov. 11).....	3,673,888	<sup>25</sup> 3,673,888	<sup>26</sup> 188,434	<sup>27</sup> 3,485,454	.....	.....	.....	.....	.....	.....
1919.....	931,422	836,882	78,003	758,879	37,210	1,198	36,012	57,330	<sup>28</sup> 45,573	<sup>29</sup> 11,757
1920.....	363,540	200,367	15,519	184,848	58,090	2,073	56,017	107,083	<sup>30</sup> 68,232	<sup>31</sup> 38,851
1921.....	407,920	227,374	14,124	213,250	113,640	5,843	107,797	66,906	<sup>32</sup> 66,905	<sup>33</sup> 1
1922.....	373,597	146,069	14,075	131,994	159,658	8,744	150,914	67,870	<sup>34</sup> 67,390	<sup>35</sup> 480
1923.....	370,042	130,964	12,682	118,282	160,598	9,675	150,923	78,480	<sup>36</sup> 76,923	<sup>37</sup> 1,557
1924.....	397,794	140,644	12,501	128,143	177,428	10,996	166,432	79,722	<sup>38</sup> 76,322	<sup>39</sup> 3,400
1925.....	406,162	134,624	12,909	121,715	177,525	11,595	165,930	94,013	<sup>40</sup> 88,898	<sup>41</sup> 5,115
1926.....	410,902	133,033	13,105	119,928	174,969	11,435	163,534	102,900	<sup>42</sup> 97,125	<sup>43</sup> 5,775
1927.....	421,519	133,079	13,175	119,904	181,142	12,192	168,950	107,298	<sup>44</sup> 101,563	<sup>45</sup> 5,735
1928.....	426,075	134,331	13,174	121,157	181,221	12,428	168,793	110,523	<sup>46</sup> 105,059	<sup>47</sup> 5,464
1929.....	421,466	137,360	13,168	124,192	176,988	12,535	164,453	107,118	<sup>48</sup> 101,926	<sup>49</sup> 5,192
1930.....	426,825	137,472	13,195	124,277	182,715	12,930	169,785	106,638	<sup>50</sup> 101,917	<sup>51</sup> 4,721
1931.....	439,081	138,648	13,205	125,443	187,386	13,249	174,137	113,047	<sup>52</sup> 108,210	<sup>53</sup> 4,837
1932.....	440,162	133,042	13,153	119,889	187,412	13,549	173,863	119,708	<sup>54</sup> 114,836	<sup>55</sup> 4,872
1933.....	445,449	135,011	13,223	121,788	185,925	13,569	172,356	124,513	<sup>56</sup> 119,485	<sup>57</sup> 5,028
1934.....	440,764	136,970	13,147	123,823	184,791	13,507	171,284	119,003	<sup>58</sup> 114,357	<sup>59</sup> 4,646
1935.....	440,788	137,960	12,862	125,098	185,915	13,571	172,344	116,913	<sup>60</sup> 112,590	<sup>61</sup> 4,323
1936.....	474,353	166,114	12,902	153,212	189,173	13,721	175,452	119,066	<sup>62</sup> 115,169	<sup>63</sup> 3,897
1937.....	484,620	178,101	13,108	164,993	192,161	14,110	178,051	114,358	<sup>64</sup> 111,169	<sup>65</sup> 3,189
1938.....	496,810	183,447	13,296	170,151	197,188	14,443	182,745	116,175	<sup>66</sup> 113,177	<sup>67</sup> 2,998
1939.....	526,451	187,886	13,807	174,079	199,491	14,666	184,825	139,074	<sup>68</sup> 116,719	<sup>69</sup> 22,355
1940.....	653,536	264,035	14,594	249,441	241,612	14,775	226,837	147,889	<sup>70</sup> 116,636	<sup>71</sup> 31,253
1941.....	<sup>72</sup> 1,521,882	870,261	15,025	<sup>73</sup> 855,236	452,850	21,274	<sup>74</sup> 431,576	124,169	<sup>75</sup> 122,020	<sup>76</sup> 2,149

<sup>1</sup> Includes Philippine Scouts beginning with 1902. Figures for 1919 to 1926, inclusive, include in most cases World War I emergency personnel still in service. Demobilization of World War I Army completed Nov. 11, 1926 with discharge of last emergency officer; last emergency enlisted man discharged on July 2, 1921. Excludes retired personnel on active duty; on June 30, 1941, 495 retired officers and 13 retired enlisted men had returned to active duty. Includes warrant officers, beginning with 1919; these numbered 731 on June 30, 1941.

<sup>2</sup> State militia prior to act of June 3, 1916. Includes warrant officers beginning with 1924, numbering 200 on June 30, 1941.

<sup>3</sup> U. S. Volunteers.

<sup>4</sup> Not available.

<sup>5</sup> Regular Army Reserve.

<sup>6</sup> Includes National Guard personnel in Federal service.

<sup>7</sup> Estimated.

<sup>8</sup> Officers' Reserve Corps. Beginning with 1924, excludes persons holding commissions also in National Guard. Figure for 1941 includes 57,309 officers on extended active duty.

<sup>9</sup> Regular Army Reserve, 8,382; Enlisted Reserve Corps, 35,000 (estimated).

<sup>10</sup> Officers' Reserve Corps, 86,262; National Army, 49,118 (estimated).

<sup>11</sup> Estimated enlisted strength of National Army. Practically all members of Regular Army Reserve and Enlisted Reserve Corps had, by this date, been assigned to duty with Regular Army, National Guard, and National Army organizations.

<sup>12</sup> Estimates only. Under orders of Secretary of War all components had been merged into one army known as "The United States Army."

<sup>13</sup> Enlisted Reserve Corps.

<sup>14</sup> Enlisted Reserve Corps, 1939, 3,054; 1940, 3,233; Regular Army Reserve, 1939, 19,301; 1940, 28,020. All enlistments in Regular Army Reserve suspended as of Dec. 31, 1940, and members called to active duty on or before Feb. 15, 1941, except those deferred until July 1, 1941, to complete college or university courses.

<sup>15</sup> Includes 74,602 unassigned selectees.

<sup>16</sup> Enlisted men, 491,777 (including 10,919 Regular Army Reserve and 1,470 Army of United States with Regular Army); selectees, 363,459.

<sup>17</sup> Enlisted men, 262,722 (including 20,590, Army of United States with National Guard); selectees, 168,854.

<sup>18</sup> Enlisted Reserve Corps. Includes 35 enlisted Reserve Corps men on active duty.

Source: War Department, Annual Report of Secretary and records.



**No. 248.—ARMY OF THE UNITED STATES—STRENGTH ON ACTIVE DUTY, AS OF JUNE 30: 1942 TO 1947**

IDENTITY	1942	1943	1944	1945	1946	1947
Total <sup>1</sup> .....	2,974,194	6,993,102	7,932,858	8,264,373	1,839,696	283,664
Male commissioned officers, total.....	190,662	521,485	692,351	772,583	340,658	119,830
Regular army.....	14,018	15,877	15,394	15,228	15,378	25,677
Reserve corps.....	125,496	174,000	182,814	191,512	95,170	26,948
National guard.....	14,791	19,423	19,134	17,890	7,552	1,894
Army of U. S.....	36,360	312,185	475,009	548,247	122,586	65,411
Warrant officers, male <sup>2</sup> .....	3,265	16,219	23,238	25,143	7,204	4,961
Flight officers, male.....		6,700	18,616	31,117	2,580	68
Female commissioned officers, total.....	12,478	36,222	47,726	62,820	16,642	7,646
Nurses.....	12,478	20,316	40,618	54,291	13,617	5,979
Dietitians.....		666	1,210	1,623	698	312
Physical therapists.....		323	643	1,173	634	319
Women's Army Corps.....		4,917	5,855	5,738	1,793	1,035
Enlisted personnel.....	2,867,762	6,413,596	7,215,888	7,374,710	1,622,546	857,180
Enlisted men.....	2,867,762	6,358,200	7,144,601	7,293,959	1,605,847	850,098
Women's Army Corps.....		55,396	71,287	80,750	16,699	7,084

<sup>1</sup> Includes strength of Army Air Forces.<sup>2</sup> Includes WAC warrant officers; 10 in 1944, 44 in 1945, 18 in 1946, and 5 in 1947.

Source: War Department; records.

**No. 249.—NAVY, MARINE CORPS, NAVAL RESERVE, AND MARINE CORPS RESERVE—STRENGTH: 1905 TO 1947**

JUNE 30—	NAVY				MARINE CORPS			
	Regular		Reserve		Regular		Reserve	
	Officers <sup>1</sup>	Enlisted men <sup>2</sup>	Officers <sup>1</sup>	Enlisted men <sup>2</sup>	Officers	Enlisted men <sup>2</sup>	Officers	Enlisted men
1905.....	2,079	31,085	465	4,475	370	6,741	.....	.....
1910.....	2,689	45,834	540	8,961	328	9,232	.....	.....
1915.....	3,593	53,479	606	7,706	338	9,949	.....	.....
1916.....	3,963	55,465	638	9,170	348	10,253	.....	.....
1917.....	4,884	129,757	4,321	57,801	500	25,427	373	1,758
1918.....	9,426	210,791	18,341	226,727	1,283	45,348	220	5,908
1919.....	11,603	171,661	32,867	261,240	2,000	43,921	725	6,145
1920.....	9,652	109,854	28,480	226,955	1,104	16,061	532	4,306
1921.....	9,262	121,632	26,378	204,016	1,067	21,008	545	4,176
1922.....	8,310	90,975	5,340	10,966	1,135	20,096	441	1,110
1923.....	8,368	84,864	4,223	16,430	1,141	18,533	136	488
1924.....	8,612	89,303	3,975	21,242	1,157	19,175	187	501
1925.....	8,877	86,044	3,618	24,457	1,168	18,310	149	484
1926.....	9,047	83,867	3,736	26,042	1,178	17,976	250	2,647
1927.....	9,400	85,117	3,794	26,414	1,196	18,000	278	5,665
1928.....	9,859	86,145	4,101	27,316	1,196	17,822	412	5,244
1929.....	9,863	87,331	6,078	29,053	1,181	17,615	448	9,119
1930.....	9,487	86,985	7,002	32,316	1,206	18,173	486	10,265
1931.....	9,789	82,932	7,549	34,959	1,196	17,586	609	9,425
1932.....	9,927	82,909	7,869	35,060	1,196	16,366	557	8,437
1933.....	9,915	80,925	7,978	33,369	1,192	14,876	644	8,742
1934.....	9,861	82,063	8,687	32,802	1,187	15,174	691	7,576
1935.....	10,063	84,861	9,671	33,351	1,163	16,097	690	6,378
1936.....	10,085	95,396	10,828	34,333	1,206	16,040	718	9,737
1937.....	10,219	102,411	11,733	37,138	1,312	16,911	848	11,796
1938.....	10,899	107,200	12,578	40,012	1,369	16,997	946	12,944
1939.....	11,043	112,223	12,966	42,265	1,331	18,013	1,061	14,954
1940.....	11,798	141,570	14,646	40,879	1,529	26,369	1,186	14,976
1941.....	13,674	210,580	23,537	54,964	1,876	41,304	2,105	17,441
1942.....	17,425	276,298	32,866	311,275	2,863	84,959	4,460	17,920
1943.....	31,504	326,270	148,172	1,235,804	4,956	111,968	16,658	190,757
1944.....	45,212	332,430	230,941	2,372,782	6,134	112,611	26,904	232,897
1945.....	51,213	328,705	280,166	2,720,733	7,161	131,302	30,015	309,118
1946.....	45,333	476,067	95,828	366,150	6,178	96,451	30,210	48,329
1947 (prel.).....	41,075	432,108	10,279	5,547	7,004	82,491	27,407	20,440

<sup>1</sup> Includes nurses.<sup>2</sup> Includes midshipmen and officer candidates.<sup>3</sup> Includes selectees.<sup>4</sup> Includes aviation cadets; 1936, 28; 1937, 50; 1938, 63; 1939, 83; 1940, 46; 1941, 304; 1942, 2; 1943, 76; 1944, 195.<sup>5</sup> Includes temporary officers and active retired officers. <sup>6</sup> Excludes Naval Reserve personnel on inactive duty.<sup>7</sup> Includes temporary officers and active and inactive permanent commissioned officers.<sup>8</sup> Active and inactive.

Source: Navy Department and Marine Corps; records.



## No. 250.—SHIPS AND AIRCRAFT OF THE U. S. NAVY, AS OF JAN. 1, 1941 TO 1948

CLASS	1941	1942	1943	1944	1945	1946	1947	1948
<b>Ships, total number</b> .....	<b>1,200</b>	<b>2,673</b>	<b>11,300</b>	<b>29,058</b>	<b>61,045</b>	<b>70,579</b>	<b>17,024</b>	<b>16,903</b>
Combatants.....	322	347	436	876	1,167	1,090	980	1,103
Patrol and mine craft.....	103	246	859	1,617	1,853	1,351	469	373
Auxiliaries.....	158	239	399	658	1,348	1,690	808	692
Landing craft.....	123	1,106	8,174	23,842	54,206	63,615	12,854	<sup>1</sup> 12,959
District craft.....	494	735	1,432	2,065	2,471	2,833	1,913	1,776
<b>Ships, total tonnage (1,000 tons)</b> .....	<b>1,984</b>	<b>2,694</b>	<b>3,877</b>	<b>6,731</b>	<b>11,707</b>	<b>13,828</b>	<b>8,550</b>	<b>7,831</b>
Combatants.....	1,252	1,359	1,707	2,921	3,893	4,605	4,079	3,728
Patrol and mine craft.....	73	120	261	392	566	474	379	190
Auxiliaries.....	591	1,093	1,548	2,253	4,597	5,623	2,818	2,706
Landing craft.....	1	8	163	740	2,058	2,399	710	<sup>1</sup> 665
District craft.....	67	114	208	425	593	727	564	542
<b>Aircraft, total number</b> .....	<b>2,199</b>	<b>5,260</b>	<b>11,813</b>	<b>25,892</b>	<b>36,721</b>	<b>30,535</b>	<sup>2</sup> <b>15,963</b>	<b>14,664</b>
Combat types.....	1,359	2,471	5,434	15,164	25,780	19,402	8,104	8,505
Utility and transport.....	169	303	624	1,367	2,437	2,876	1,268	1,225
Training.....	638	2,459	5,714	9,057	7,883	7,280	6,593	4,910
Miscellaneous.....	33	27	41	304	621	977	18	24

<sup>1</sup> Includes 12,246 small landing craft, post war requirement (131,000 tons).<sup>2</sup> Partly estimated.

Source: Navy Department, Bureau of Ships and Bureau of Aeronautics; Annual Report of the Secretary and records.

## No. 251.—SHIPS AND AIRCRAFT OF THE U. S. NAVY: PRODUCTION, 1941 TO 1947

[Figures for 1941, 1946, and 1947 represent ship completions; 1944 and 1945, ship commissionings]

CLASS	NUMBER					TONNAGE (1,000 TONS)				
	1941	1944	1945	1946	1947	1941	1944	1945	1946	1947
<b>Ships, total</b> .....	<b>1,579</b>	<b>39,971</b>	<sup>1</sup> <b>19,471</b>	<b>191</b>	<b>13</b>	<b>785</b>	<b>5,457</b>	<b>2,964</b>	<b>605</b>	<b>87</b>
Combatants, total.....	33	420	152	73	6	150	1,313	802	425	68
Battleships.....	2	2	—	—	—	70	90	—	—	—
Aircraft carriers, small.....	1	8	5	7	1	20	217	135	164	15
Aircraft carriers, large.....	—	—	2	—	1	—	—	90	—	45
Aircraft carriers, escort.....	2	37	13	4	—	13	262	174	53	—
Battle cruisers.....	—	2	—	—	—	—	55	—	—	—
Heavy cruisers.....	—	2	8	4	—	—	27	109	54	—
Light cruisers.....	1	11	7	6	—	6	106	66	48	—
Destroyers.....	16	84	74	38	3	26	180	162	83	7
Destroyer escorts.....	—	197	6	—	—	—	259	8	—	—
Submarines.....	11	77	37	14	1	15	118	57	21	1
Patrol and mine craft.....	167	640	<sup>1</sup> 238	6	—	49	234	51	1	—
Auxiliaries.....	83	630	<sup>1</sup> 462	43	4	528	2,214	1,397	153	15
Landing craft.....	1,035	37,724	<sup>1</sup> 17,958	21	1	8	1,520	514	12	2
District craft.....	261	557	<sup>1</sup> 661	48	2	50	176	201	12	1
<b>Aircraft, total</b> .....	<b>3,638</b>	<b>30,070</b>	<b>17,050</b>	<b>1,083</b>	<b>926</b>	—	—	—	—	—
Combat types.....	1,593	26,401	15,332	759	897	—	—	—	—	—
Utility and transport (tactical non-combat).....	146	1,278	722	40	16	—	—	—	—	—
Training.....	1,898	1,782	435	—	13	—	—	—	—	—
Miscellaneous.....	1	609	561	284	—	—	—	—	—	—

<sup>1</sup> Includes vessels converted and acquired as follows: Total ships, 457; patrol and mine craft, 5; auxiliaries, 240; landing craft, 127; and district craft, 85.

Source: Navy Department, Bureau of Ships and Bureau of Aeronautics; Annual Report of Secretary and records.

### No. 252.—VETERANS' ADMINISTRATION AND PREDECESSOR ORGANISATIONS— DISBURSEMENTS FOR RELIEF OF VETERANS

(In thousands of dollars. Veterans' Administration is responsible for extending to veterans and dependents of deceased veterans certain benefits provided by law: Namely, pensions and compensation, insurance, adjusted compensation, emergency officers' retirement pay for veterans of World War I, reserve officers' retirement pay, pensions and insurance for World War II; and pensions and hospital and domiciliary care for veterans of all wars.)

YEARS ENDING JUNE 30—	Total for relief of veterans	PENSIONS AND COMPENSATION						
		Total <sup>1</sup>	Spanish-American War	Civil War	World War I	World War II <sup>2</sup>	Other wars	Regular establishment
To June 30, 1932.....	15,407,736	10,841,729	686,513	7,600,322	2,205,514	-	245,444	102,916
1933.....	833,499	550,585	125,206	98,273	315,576	-	5,005	6,400
1934.....	545,838	321,395	55,514	69,815	194,196	-	3,918	7,822
1935.....	609,918	374,426	77,753	63,530	219,851	-	4,036	9,238
1936.....	3,639,120	399,010	108,584	55,637	221,156	-	3,905	9,710
1937.....	893,994	396,046	114,924	45,596	219,469	-	3,627	11,414
1938.....	629,630	402,784	118,183	39,233	230,203	-	3,635	11,515
1939.....	600,222	416,719	125,296	33,179	242,866	-	3,522	11,840
1940.....	639,127	429,153	127,427	27,790	254,846	-	3,263	15,812
1941.....	614,357	483,129	127,357	23,173	261,940	-	2,974	17,669
1942.....	647,334	431,298	125,474	19,625	263,871	201	2,719	19,294
1943.....	643,406	442,374	122,969	16,653	270,957	6,591	2,458	22,812
1944.....	828,391	494,942	125,056	13,895	288,269	62,235	2,268	23,207
1945.....	2,271,318	739,591	142,797	11,873	312,244	245,474	2,293	24,900
1946.....	4,772,072	1,253,690	139,342	10,417	345,610	732,235	2,117	24,061
1947.....	7,805,355	1,731,979	145,130	9,038	436,666	1,110,033	1,964	29,156
Grand total.....	41,581,518	19,668,849	2,467,948	3,138,646	6,253,124	2,156,769	294,138	347,773

YEARS ENDING JUNE 30—	Military and naval insurance	U S Government life insurance	NATIONAL SERVICE LIFE INSURANCE		Adjusted service certificates <sup>1</sup>	Adjusted service and dependent pay	Hospital and domiciliary facilities and services—construction	Administration, etc. <sup>3</sup>	Allotments and allowances	All other
			Appropriated fund	Trust fund						
To June 30, 1932.....	1,497,746	172,412	-	-	133,962	43,308	65,204	1,389,606	582,934	680,548
1933.....	123,039	28,062	-	-	24,621	2,262	12,517	90,812	8	603
1934.....	108,268	26,073	-	-	23,413	1,895	3,171	66,484	3	136
1935.....	100,866	27,172	-	-	25,562	1,861	2,903	77,807	1	331
1936.....	94,025	28,306	-	-	3,228,422	1,090	2,938	83,181	1	2,160
1937.....	88,052	29,896	-	-	282,666	1,546	6,964	84,741	1	2,694
1938.....	82,522	31,696	-	-	13,886	1,352	9,347	85,881	1	2,473
1939.....	38,394	35,831	-	-	7,414	1,185	10,958	87,900	(*)	2,321
1940.....	19,602	69,813	-	-	9,285	681	13,638	94,454	1	2,552
1941.....	15,291	55,827	-	7	2,657	400	4,541	99,541	1	2,867
1942.....	15,491	44,481	-	961	43,227	253	4,045	104,694	1	2,885
1943.....	14,489	39,815	18,296	6,549	997	168	2,720	114,662	1	3,338
1944.....	10,293	44,719	102,429	33,896	1,646	69	4,851	130,980	1	4,547
1945.....	19,756	32,273	1,117,548	136,847	11,223	64	15,801	159,379	1	38,639
1946.....	15,355	48,694	1,386,001	283,910	3,820	11	24,313	383,724	-	1,306,624
1947.....	11,106	56,095	828,473	265,816	1,074	7	153,880	680,030	-	3,876,596
Grand total.....	2,245,912	769,995	3,445,745	729,987	3,813,759	55,660	356,790	3,934,175	582,929	5,999,714

<sup>1</sup> Includes disbursements to participants in yellow-fever experiments as follows: 1932, \$24,000; 1933, \$26,000; 1934, \$18,000; 1935, \$18,000; 1936, \$17,000; 1937, \$16,000; 1938-42, \$15,000 yearly; 1943, \$14,000; 1944, \$11,000; 1945, \$9,000; 1946, \$8,000; 1947, \$6,000; total to June 30, 1947, \$241,000.

<sup>2</sup> Includes disbursements for increased payments on account of vocational training (Pub. 16) as follows: 1944, \$567,000; 1945, \$7,046,000; and 1946, \$37,993,000. This item included with all other in 1947.

<sup>3</sup> War of the Revolution, \$70,000,000; War of 1812, \$46,218,000; Indian Wars, \$99,719,000; War with Mexico, \$61,687,000; unclassified, \$16,513,000.

<sup>4</sup> Represents payments made on adjusted-service certificates and amounts reimbursed to U. S. Government life-insurance fund on account of loans made from that fund on certificates under provisions of World War Adjusted Compensation Act as amended, and of Adjusted Compensation Payment Act, 1936.

<sup>5</sup> Disbursements for medical aid and hospital services, maintenance, and expenses for pensions, Veterans' Administration homes, State and Territorial homes, salaries, printing and binding, and all other administrative expenses, except disbursements for civil-service and Canal Zone retirement funds.

<sup>6</sup> Includes disbursements from funds allotted under National Recovery Act of 1933, 1934 through 1939; includes also funds allotted under P. W. A. Act of 1938 for 1938-43. <sup>7</sup> Credit. <sup>8</sup> Less than \$500, credit.

<sup>9</sup> Includes \$4,988,109,000 expenditures from readjustment benefits appropriation in fiscal years 1946 (\$1,351,525,000) and 1947 (\$3,636,584,000); \$46,496,000 for readjustment benefits paid from army and navy pension appropriations in fiscal years 1946 (\$32,206,000), 1946 (\$6,173,000), and 1947 (\$8,117,000); and \$190,941,000 for subsistence allowances under Public Law 16 in fiscal year 1947. Also includes \$644,866,000 expenditures for vocational rehabilitation; \$47,130,000 for personal funds of patients; \$35,078,000 for marine and seamen's insurance; and \$21,798,000 for automobiles and other conveyances for disabled veterans.

Source: Veterans' Administration, Annual Report of Administrator.

**No. 253.—PENSIONS, COMPENSATION, DISABILITY ALLOWANCE, AND EMERGENCY AND RESERVE OFFICERS' RETIREMENT PAY—LIVING VETERANS RECEIVING BENEFITS, DECEASED VETERANS WHOSE DEPENDENTS WERE RECEIVING BENEFITS, AND DISBURSEMENTS FOR BENEFITS: 1866 TO 1947**

JUNE 30 OR YEAR ENDING JUNE 30—	NUMBER ON ROLLS			Dis- burse- ments (thous. of dol- lars)	JUNE 30 OR YEAR ENDING JUNE 30—	NUMBER ON ROLLS			Dis- burse- ments (thous. of dol- lars)
	Total	Living	De- ceased			Total	Living	De- ceased	
1866.....	126,722	55,652	71,070	15,450	1921.....	798,572	422,691	345,881	380,026
1870.....	198,686	87,521	111,165	29,351	1922.....	772,379	430,942	341,437	377,158
1875.....	234,821	122,989	111,832	29,270	1923.....	778,190	436,776	341,404	386,607
1880.....	250,802	145,410	105,392	56,689	1924.....	762,547	427,153	335,394	345,490
1885.....	345,125	247,146	97,979	65,172	1925.....	790,139	456,530	333,609	346,748
1890.....	537,944	415,654	122,290	106,094	1926.....	807,068	472,623	334,465	372,281
1895.....	970,524	751,456	219,068	139,812	1927.....	816,380	499,805	326,575	403,630
1900.....	983,529	732,510	241,019	138,462	1928.....	834,344	516,566	317,798	410,765
1901.....	997,735	745,649	249,086	138,531	1929.....	831,964	525,961	304,003	418,821
1902.....	999,446	739,443	260,003	137,504	1930.....	940,833	542,610	298,223	418,433
1903.....	996,545	729,356	267,189	137,760	1931.....	1,079,987	790,782	289,206	488,399
1904.....	994,762	720,921	273,841	141,094	1932.....	1,278,046	994,351	283,695	545,777
1905.....	998,441	717,761	280,680	141,143	1933.....	1,270,667	997,918	272,749	550,559
1906.....	985,971	701,483	284,488	139,000	1934.....	838,855	581,225	257,630	321,377
1907.....	967,371	680,479	286,892	138,155	1935.....	838,937	585,955	252,982	374,407
1908.....	961,687	658,561	293,106	153,093	1936.....	852,032	600,562	251,470	398,992
1909.....	946,194	633,035	313,159	161,974	1937.....	841,937	598,510	243,427	396,030
1910.....	921,083	602,622	318,461	159,974	1938.....	836,953	600,848	236,105	402,769
1911.....	892,088	570,456	321,642	157,325	1939.....	842,431	602,757	239,674	416,704
1912.....	860,294	538,352	321,932	152,986	1940.....	849,298	610,122	239,176	429,138
1913.....	820,200	503,633	316,567	174,172	1941.....	856,441	618,926	237,515	433,114
1914.....	785,239	470,623	314,616	172,418	1942.....	859,694	623,659	236,035	431,284
1915.....	748,147	437,723	310,424	165,518	1943.....	860,080	621,572	238,508	442,349
1916.....	709,572	403,372	306,200	159,155	1944.....	1,066,920	813,499	253,451	494,364
1917.....	673,111	370,147	302,964	160,895	1945.....	1,513,586	1,144,088	369,498	732,535
1918.....	649,497	341,632	307,865	180,177	1946.....	2,631,981	2,130,353	501,628	1,215,666
1919.....	673,832	338,216	335,616	233,461	1947.....	2,920,765	2,354,297	566,468	1,731,973
1920.....	769,543	419,627	349,916	316,418					

DESCRIPTION	NUMBER ON ROLLS, BY WARS, JUNE 30— <sup>1</sup>							
	1920	1925	1930	1935	1940	1945	1946	1947
Total.....	769,543	790,139	840,833	838,937	849,298	1,513,586	2,631,981	2,920,765
War of 1812: Deceased.....	71	21	10	4	1	1	0	0
War with Mexico:								
Living.....	148	17						
Deceased.....	2,423	1,257	630	294	130	55	51	47
Indian Wars:								
Living.....	3,745	3,924	5,454	3,699	2,216	1,115	971	541
Deceased.....	2,463	3,034	4,191	4,745	4,055	2,673	2,496	2,290
Civil War:								
Living.....	243,629	126,626	49,015	13,273	2,361	229	154	91
Deceased.....	290,100	241,193	167,674	100,290	50,141	24,521	21,504	15,715
Spanish-American War:								
Living.....	23,144	101,671	156,611	164,592	159,230	126,104	121,572	114,500
Deceased.....	7,268	18,363	30,919	39,645	57,720	71,955	73,037	75,970
Regular Establishment:								
Living.....	14,477	12,399	15,661	32,124	36,051	42,925	43,717	42,553
Deceased.....	4,554	3,762	3,930	7,240	10,126	13,666	13,513	13,223
World War I:								
Living.....	134,464	211,603	265,666	372,157	410,244	425,569	422,429	437,155
Deceased.....	42,997	65,979	90,969	101,364	117,003	162,000	209,799	231,477
World War II:								
Living.....						546,126	1,541,510	1,756,567
Deceased.....						94,627	140,936	225,667

<sup>1</sup> Excludes increased compensation to World War II veterans on account of vocational training.  
<sup>2</sup> For disbursements by wars, see table 252.

Source: Veterans' Administration, Annual Report of Administrator.

**No. 254.—PENSIONS, COMPENSATION, DISABILITY ALLOWANCE, AND EMERGENCY AND RESERVE OFFICERS' RETIREMENT PAY—ANNUAL AVERAGE PAYMENTS, PER VETERAN, TO LIVING VETERANS AND TO DEPENDENTS OF DECEASED VETERANS, BY WARS: 1910 TO 1947**

[Averages calculated by dividing total annual value of benefits, as of June 30, by number on rolls]

DESCRIPTION	1910	1915	1920	1925	1930	1935	1940	1943	1944	1945	1946	1947
<b>AVERAGE PAYMENT</b>												
All wars.....	\$172	\$215	\$358	\$408	\$475	\$428	\$496	\$506	\$535	\$548	\$504	\$585
Living.....	184	263	422	454	514	448	510	521	543	545	488	561
Deceased.....	149	148	280	344	404	383	467	457	508	553	575	584
War of 1812 (deceased).....	151	149	233	360	540	510	240	240	240	240	.....	.....
War with Mexico.....	167	175	240	363	586	579	580	578	573	576	575	572
Living.....	238	356	414	709	.....	.....	.....	.....	.....	.....	.....	.....
Deceased.....	144	146	230	359	585	579	580	578	573	575	575	572
Indian Wars.....	132	168	209	202	446	435	492	479	560	570	571	568
Living.....	110	230	240	243	513	529	736	752	805	843	861	865
Deceased.....	144	145	149	149	359	358	358	359	452	455	458	459
Civil War.....	174	220	359	477	542	533	489	466	462	459	457	455
Living.....	187	275	452	699	832	1,060	1,162	1,179	1,184	1,188	1,186	1,180
Deceased.....	148	147	281	360	452	463	457	452	452	452	451	451
Spanish-American War.....	128	134	142	206	389	368	562	592	668	707	712	739
Living.....	121	129	182	193	389	388	660	695	845	861	875	898
Deceased.....	159	160	175	278	389	286	.....	367	400	433	440	496
Regular Establishment.....	173	176	181	198	232	234	362	393	401	437	433	523
Living.....	165	169	173	192	235	224	378	384	383	430	424	537
Deceased.....	197	200	204	219	219	280	304	416	456	457	460	478
World War I.....	.....	.....	417	421	499	445	477	487	546	545	541	544
Living.....	.....	.....	449	453	553	472	459	476	543	545	550	588
Deceased.....	.....	.....	316	317	331	346	538	528	554	546	524	619
World War II.....	.....	.....	.....	.....	.....	.....	.....	551	413	514	470	546
Living.....	.....	.....	.....	.....	.....	.....	.....	517	379	462	442	508
Deceased.....	.....	.....	.....	.....	.....	.....	.....	581	669	698	712	846

Source: Veterans' Administration; Annual Report of Administrator, monthly report and records.

**No. 255.—GOVERNMENT INSURANCE CLAIMS AWARDED, BY TYPE OF AWARD, TO JUNE 30, 1947, AND FOR YEARS ENDING JUNE 30, 1943 TO 1947**

TYPE OF AWARD	Total to June 30, 1947	YEAR ENDING JUNE 30—				
		1943	1944	1945	1946	1947
Number of awards made during period or year:						
Term and automatic insurance—						
Total original awards.....	196,577	137	73	49	31	25
Original death.....	155,451	28	13	16	9	2
Original disability.....	41,126	109	60	33	22	23
Disability changed to death.....	25,209	93	75	49	36	21
Converted insurance—						
Total original awards.....	93,636	4,776	5,830	4,940	5,543	5,950
Original death.....	68,207	3,889	5,139	4,228	5,543	4,814
Original disability.....	25,428	867	691	712	796	1,136
Disability changed to death.....	10,001	660	596	500	496	641
National Service life-insurance awards, original death...	389,503	13,127	47,635	159,819	134,655	31,022
Number of awards active at end of year:						
Term and automatic insurance.....		14,643	13,051	11,569	10,347	9,066
Death.....		4,702	3,312	2,053	954	303
Disability.....		9,941	9,739	9,516	9,393	8,863
Converted insurance.....		21,289	22,745	23,876	25,761	27,225
Death.....		10,481	11,971	13,036	14,662	16,675
Disability.....		10,808	10,774	10,841	11,079	11,550

Source: Veterans' Administration; Annual Report of Administrator, monthly report and records.

### No. 256.—LIFE INSURANCE (GOVERNMENT) IN FORCE AND PREMIUMS PAID: 1934 TO 1947

[Amounts in thousands of dollars]

JUNE 30 OR YEAR ENDING JUNE 30—	INSURANCE POLICIES IN FORCE JUNE 30					
	Total		Yearly renewable term insurance (wartime)		U. S. Government life insurance excl. yearly renewable	
	Number	Amount	Number	Amount	Number	Amount
1934.....	598,236	2,666,733			598,236	2,666,733
1935.....	590,866	2,605,460	121	389	590,744	2,605,011
1936.....	593,213	2,590,922	149	439	593,064	2,590,483
1937.....	596,982	2,578,339	160	367	596,822	2,577,972
1938.....	602,962	2,569,893	349	653	602,614	2,569,240
1939.....	606,071	2,562,364	368	642	605,716	2,561,712
1940.....	609,094	2,555,327	171	343	608,923	2,554,984
1941.....	613,406	2,567,392	88	238	613,320	2,567,154
1942.....	594,808	2,507,187	71	105	594,735	2,507,082
1943.....	586,631	2,499,656	41	53	586,590	2,499,604
1944.....	578,641	2,494,900	30	34	578,621	2,494,876
1945.....	567,941	2,454,864	7	9	567,934	2,454,856
1946.....	551,823	2,390,154	3	8	551,820	2,390,146
1947.....	531,063	2,319,344	1	5	531,062	2,319,339

Source: Veterans' Administration, Annual Report of Administrator and records.

### No. 257.—LIFE INSURANCE (GOVERNMENT)—CONVERTED INSURANCE ISSUED AND IN FORCE, BY PLAN

PLAN	ISSUED TO JUNE 30, 1947					IN FORCE JUNE 30, 1947	
	Number	Amount (1,000)	Percent of total		Average policy	Number	Amount (1,000)
			Number	Amount			
Total.....	1,143,796	\$4,811,517	100.00	100.00	\$4,206.53	531,062	\$2,319,339
Ordinary life.....	225,076	1,060,119	19.68	22.45	4,798.91	157,435	805,143
20-payment life.....	323,364	1,153,878	28.27	23.98	3,568.47	203,325	741,058
30-payment life.....	38,523	189,163	3.37	2.93	4,919.39	28,233	147,160
20-year endowment.....	257,529	645,679	22.52	13.42	2,507.21	38,441	99,034
30-year endowment.....	46,456	190,887	4.05	3.97	4,108.98	27,468	113,412
Endowment at age 62.....	46,839	218,477	4.09	4.54	4,664.43	28,496	134,536
5-year convertible term.....	145,501	260,350	12.72	19.96	6,600.30	35,641	236,732
5-year level premium term.....	60,517	372,964	5.29	7.75	6,162.96	5,597	22,340
Extended insurance.....						3,397	5,926
Paid-up insurance.....							

Source: Veterans' Administration, Annual Report of Administrator and records.

### No. 258.—LIFE-INSURANCE FUND (GOVERNMENT)—FINANCIAL STATEMENT, FROM ORIGIN, MAY 31, 1919, TO DEC. 31, 1946

[In thousands of dollars]

ITEM	Total to Dec. 31, 1946	Year ending Dec. 31, 1946	ITEM	Total to Dec. 31, 1946	Year ending Dec. 31, 1946
Income, total.....	2,680,659	163,099	Disbursements—Continued		
Premiums.....	1,460,515	47,874	Matured endowments.....	183,129	26,619
Interest.....	701,009	45,664	Dividends paid policyholders.....	155,198	9,015
Received from U. S. on account of extra hazards of military and naval service.....	131,267	3,324	Paid on supplementary installment contracts under claims.....	223,077	21,687
Consideration for supplementary installment contracts under claims.....	296,013	24,727	Other disbursements.....	29,586	1,213
Other income.....	61,261	41,501	Ledger assets, Dec. 31, 1946 as per "balance" under income and disbursements, total.....	1,363,685	
Disbursements, total.....	1,234,965	94,833	Book value of bonds, amortized.....	1,236,000	
Claims (death and total permanent disability).....	500,829	32,355	Policy loans.....	114,089	
Surrender values.....	205,144	4,091	Cash on hand.....	3,590	

Source: Veterans' Administration, Annual Report of Administrator and records.

No. 259.—VETERANS RECEIVING VOCATIONAL TRAINING AND EDUCATION: MARCH 1946 TO SEPTEMBER 1947

STATUS	1946				1947		
	Mar. 31	June 30	Sept. 30	Dec. 31	Mar. 31	June 30	Sept. 30
Vocational rehabilitation program: <sup>1</sup>							
Approved for training <sup>2</sup> .....	115,845	173,685	202,987	301,640	363,582	420,420	462,076
In training.....	63,804	92,213	116,324	190,464	220,227	211,800	214,266
Institutional.....	41,932	52,150	54,519	106,822	123,765	106,838	106,781
Job.....	21,872	40,063	61,805	83,642	96,462	104,962	107,505
Rehabilitated <sup>3</sup> .....	1,884	2,659	3,620	5,025	7,507	12,176	18,225
Education and training program: <sup>3</sup>							
Approved for training <sup>2</sup> .....	1,576,317	2,858,164	3,978,358	4,614,699	5,278,104	5,762,815	6,276,128
In training.....	379,513	930,512	1,251,844	2,201,206	2,383,296	1,862,633	1,766,346
Institutional.....	307,315	612,690	728,853	1,572,049	1,760,033	1,267,977	1,202,884
Job.....	72,198	317,822	522,991	629,157	623,263	594,656	563,462

<sup>1</sup> Authorized under Public Law 16.  
<sup>2</sup> Cumulative from inception of program.  
<sup>3</sup> Authorized under Public Law 346.

Source: Veterans' Administration, Annual Report of Administrator and records.

No. 260.—VETERANS' READJUSTMENT ALLOWANCES—NUMBER OF CLAIMANTS AND AMOUNT OF PAYMENTS: SEPTEMBER 1944 TO SEPTEMBER 1947

[Payments in thousands of dollars. Allowances provided veterans of World War II under Servicemen's Readjustment Act of 1944]

MONTH	Total payments	UNEMPLOYMENT ALLOWANCES		SELF-EMPLOYMENT ALLOWANCES	
		Amount of payments	Number of continued claims (last wk. in period) <sup>1</sup>	Amount of payments	Total claims (filed during period)
1944					
September-December.....	4,216	4,114	24,000	102	1,751
1945					
January-June.....	19,940	16,607	36,900	3,334	36,958
July-December.....	106,691	98,349	632,000	8,341	108,077
1946					
January.....	87,806	83,322	1,046,000	4,484	66,072
February.....	118,662	112,195	1,534,000	6,467	132,062
March.....	163,583	148,956	1,806,000	14,627	202,373
April.....	185,386	160,071	1,781,000	25,315	270,364
May.....	184,236	155,175	1,783,100	29,060	309,792
June.....	177,727	150,063	1,744,105	27,663	322,045
July.....	187,613	152,648	1,720,270	34,965	320,554
August.....	182,297	<sup>2</sup> 148,016	1,649,820	34,281	298,780
September.....	149,441	124,082	1,304,422	25,359	265,051
October.....	119,672	100,380	1,018,673	19,292	222,925
November.....	90,012	74,421	876,892	15,501	172,303
December.....	97,281	81,964	934,704	15,317	169,982
1947					
January.....	122,007	106,586	1,167,769	15,421	174,130
February.....	104,376	88,401	1,149,248	15,975	215,263
March.....	110,724	89,100	1,000,547	21,624	242,561
April.....	102,081	78,868	850,319	23,213	260,999
May.....	87,252	63,763	677,305	23,489	258,086
June.....	82,783	58,542	721,213	24,241	241,676
July.....	86,578	66,239	759,491	20,339	212,095
August.....	77,080	59,521	715,452	17,559	177,605
September.....	66,742	53,336	528,222	13,406	140,830
Total (cumulative).....	2,714,185	2,274,717	-----	439,468	-----

<sup>1</sup> Figures for September 1944-May 1946 estimated.  
<sup>2</sup> Partly estimated.

Source: Veterans' Administration, monthly and weekly reports.



**No. 261.—VETERANS' LOAN GUARANTEES—NUMBER OF LOANS AND AMOUNT OF COMMITMENTS, BY TYPE OF LOAN: JUNE 30, 1945, TO NOV. 25, 1947**

[Amounts in thousands of dollars. Cumulative from inception of program]

DATE	TOTAL		HOME		FARM		BUSINESS	
	Number	Amount <sup>1</sup>	Number	Amount <sup>1</sup>	Number	Amount <sup>1</sup>	Number	Amount <sup>1</sup>
<b>1945</b>								
June 30.....	12,228	19,846	11,220	18,807	270	294	738	844
Sept. 29.....	24,059	39,014	21,981	36,004	508	588	1,578	1,826
Dec. 29.....	49,219	80,587	44,731	75,282	1,084	1,265	3,424	4,010
<b>1946</b>								
Jan. 26.....	83,014	102,880	56,235	95,790	1,493	1,796	4,208	5,075
Feb. 23.....	81,362	144,091	73,563	134,546	2,233	2,731	5,578	6,814
Mar. 27.....	117,234	229,235	106,990	214,809	3,369	4,180	7,373	10,186
Apr. 26.....	121,270	262,160	113,143	245,046	3,966	5,070	9,138	12,043
May 31.....	160,522	305,392	133,972	283,948	4,863	6,416	11,687	15,029
June 28.....	188,417	383,978	165,737	364,516	6,465	9,163	16,216	20,300
July 26.....	223,670	491,928	200,231	454,709	8,060	12,026	20,379	25,193
Aug. 30.....	293,931	657,966	267,471	610,007	10,109	15,813	26,351	32,133
Sept. 27.....	345,966	733,489	303,353	737,341	11,783	18,854	30,860	37,294
Oct. 25.....	406,280	932,001	356,804	836,216	13,880	22,952	36,586	42,833
Nov. 25.....	465,737	1,108,499	409,112	1,032,896	16,164	27,332	40,491	48,571
Dec. 28.....	517,980	1,260,029	455,293	1,163,641	18,202	31,001	44,485	53,297
<b>1947</b>								
Jan. 25.....	571,213	1,394,591	502,510	1,301,081	20,240	35,018	48,463	57,892
Feb. 25.....	621,545	1,532,910	546,466	1,430,914	22,489	39,217	52,920	62,779
Mar. 23.....	666,480	1,651,951	585,441	1,541,439	24,636	43,349	56,353	67,163
Apr. 25.....	723,449	1,803,886	634,965	1,683,268	27,409	47,991	61,073	72,637
May 25.....	770,922	1,930,906	676,781	1,802,749	29,316	51,188	64,826	76,999
June 28.....	823,548	2,077,608	724,390	1,941,799	30,986	54,425	68,172	81,394
July 26.....	872,788	2,217,349	769,621	2,075,740	32,217	56,706	70,930	84,903
Aug. 25.....	920,243	2,348,096	813,602	2,201,529	33,155	58,383	73,486	88,186
Sept. 25.....	971,703	2,491,874	861,370	2,339,885	34,223	60,495	76,109	91,494
Oct. 25.....	1,020,839	2,627,367	906,876	2,479,007	35,352	62,587	78,611	94,773
Nov. 26.....	1,070,765	2,764,902	953,170	2,602,019	36,640	65,098	80,946	97,845

<sup>1</sup> Represents amount of guaranty or insurance on loans closed and finally committed.

Source: Veterans' Administration, weekly reports.

**No. 262.—AMERICAN NATIONAL RED CROSS—EXPENDITURES AND ADULT MEMBERSHIP: YEARS ENDING JUNE 30, 1939 TO 1947**

[Expenditures in thousands of dollars]

ITEM	1939	1940	1941	1942	1943	1944	1945	1946	1947
<b>Adult membership (thousands):</b>									
Total, including insular and foreign.....	5,669	7,139	9,190	16,130	28,963	36,544	36,645	21,986	18,110
Continental U. S. and Alaska.....	5,506	6,965	8,980	14,940	28,847	36,371	36,502	21,874	18,044
Percent of total population <sup>1</sup> .....	4.2	5.3	6.8	11.2	21.1	26.3	27.7	16.6	13.7
<b>Expenditures, total<sup>2</sup></b> .....	<b>5,649</b>	<b>6,836</b>	<b>12,638</b>	<b>25,318</b>	<b>55,876</b>	<b>106,994</b>	<b>130,671</b>	<b>123,273</b>	<b>66,666</b>
Disaster relief.....	2,623	841	1,002	1,252	1,922	2,047	3,234	2,124	8,387
Domestic.....	2,376	749	947	1,233	1,940	2,020	3,214	1,939	5,065
Insular and foreign.....	347	92	55	19	2	27	20	185	2,793
Foreign war relief.....		2,662	6,848	6,239	2,621	5,161	3,834	10,313	4,161
Services to the armed forces and veterans.....	619	669	2,363	10,712	42,391	89,997	112,345	107,831	23,023
Nursing services.....	221	226	296	679	1,393	1,661	1,426	2,135	941
First aid, water safety, accident prevention, etc.....	378	363	429	901	1,120	966	834	1,145	872
Civilian war aid.....				1,195	1,016	1,103	229	39	—
Volunteer special services.....				136	481	413	374	342	192
American Junior Red Cross.....	179	162	181	277	447	713	968	1,530	1,476
General service, etc., to chapters <sup>3</sup> .....	1,000	728	904	1,910	3,559	4,232	4,879	4,480	2,935
Other services.....	125	909	727	445	363	486	690	724	10,227
General executive and finance.....	128	337	369	590	1,343	2,204	2,436	2,000	1,925
Capital expenditures for additional office space.....				963					1,159

<sup>1</sup> Based on population estimates of Bureau of Census.

<sup>2</sup> Data for chapter budgets not included; additional expenditures by the 3,751 chapters estimated at approximately \$64,000,000 for year ending Mar. 31, 1947. Activities common to all services, such as stenographic section, files, etc., previously prorated to the various services, are included with "other services" beginning 1946.

<sup>3</sup> Includes expenditures for supervision, field service, correspondence, public relations, roll call and fund-raising campaigns, etc.

Source: The American Red Cross; annual report, except as noted.

No. 263.—VETERANS RECEIVING HOSPITAL OR DOMICILIARY CARE AUTHORIZED BY VETERANS' ADMINISTRATION: 1932 TO 1947

[During fiscal year 1947, 5,220,336 out-patient treatments were given and 6,290,212 out-patient examinations were made. On June 30, 1947, 5,626 veterans were domiciled in State and Territorial homes. For each person, Federal Government reimbursed these States at rate of \$120 per year through August 1939, \$240 per year through December 17, 1943, and \$300 per year thereafter]

YEAR ENDING JUNE 30—	Total receiv- ing hospi- tal or domi- ciliary care at end of year	VETERANS RECEIVING HOSPITAL TREAT- MENT, ALL FACILITIES AND HOSPITALS <sup>1</sup>					Veter- ans re- ceiving domi- ciliary care at end of year	VETERANS ADMINISTRATION FACILITIES				
		Aver- age daily patients	Patients remaining at end of year					Hospital <sup>2</sup>			Domiciliary	
			Total	Tuber- culosis	Neuro- psychi- atric	General		Aver- age daily patients	Oper- ating ex- penses (1,000 dollars)	Per diem cost (dol- lars) <sup>3</sup>	Aver- age daily domi- ciliary care	Oper- ating ex- penses (1,000 dollars)
1932.....	62, 255	42, 448	43, 567	6, 499	20, 160	16, 908	18, 688	25, 046	31, 996	3. 44	-----	-----
1933.....	44, 644	42, 526	33, 457	5, 425	20, 109	7, 923	11, 187	32, 666	33, 391	2. 74	-----	-----
1934.....	48, 849	36, 192	39, 445	5, 032	22, 226	12, 187	9, 404	35, 220	32, 620	2. 51	10, 190	3, 649
1935.....	51, 922	41, 172	42, 599	5, 134	23, 358	14, 107	9, 323	39, 030	39, 856	2. 78	10, 406	4, 024
1936.....	51, 128	43, 516	41, 542	4, 539	24, 447	12, 556	9, 586	40, 972	42, 386	2. 82	12, 008	4, 474
1937.....	57, 180	44, 942	46, 142	4, 789	26, 394	14, 959	11, 038	41, 939	43, 252	2. 81	10, 364	4, 299
1938.....	64, 924	49, 004	50, 670	4, 857	29, 267	16, 546	14, 254	45, 639	44, 204	2. 65	13, 514	4, 872
1939.....	69, 287	52, 805	53, 861	4, 913	31, 190	17, 758	15, 426	49, 147	47, 988	2. 68	15, 709	5, 218
1940.....	73, 114	56, 304	56, 596	4, 644	33, 016	18, 936	16, 518	52, 409	49, 921	2. 60	16, 708	5, 546
1941.....	72, 138	58, 475	58, 160	4, 637	34, 508	19, 015	13, 978	54, 582	55, 444	2. 78	16, 696	5, 670
1942.....	67, 646	57, 880	56, 073	4, 900	34, 659	16, 514	11, 573	54, 636	59, 055	2. 96	14, 371	5, 836
1943.....	65, 638	56, 072	56, 641	4, 974	36, 369	15, 298	8, 997	53, 470	65, 684	3. 37	10, 430	5, 589
1944.....	72, 376	61, 305	63, 800	6, 190	40, 382	17, 228	8, 576	58, 338	72, 111	3. 38	9, 447	5, 427
1945.....	80, 008	68, 276	71, 229	6, 732	44, 636	19, 861	8, 779	64, 317	80, 324	3. 42	9, 002	5, 175
1946.....	96, 889	78, 326	85, 837	8, 103	49, 399	28, 335	11, 052	71, 493	136, 248	5. 22	10, 547	7, 653
1947.....	117, 901	98, 146	104, 443	12, 490	53, 952	38, 001	13, 458	85, 623	244, 844	9. 11	13, 064	12, 724

TYPE OF CARE AND YEAR (JUNE 30)	VETERANS UNDER HOSPITAL OR DOMICILIARY CARE, BY CLASS OF BENEFICIARY									
	All wars and regular establishment			World War II		World War I		Spanish Amer- ican War	All other wars	Regular estab- lish- ment
	Total	Service con- nected	Non- service	Service con- nected	Non- service	Service con- nected	Non- service <sup>4</sup>			
Hospital treatment:										
1935.....	42, 599	12, 046	30, 553	-----	-----	10, 746	27, 287	2, 369	187	2, 010
1940.....	56, 596	12, 328	44, 268	-----	-----	10, 552	40, 360	2, 900	105	2, 679
1944.....	63, 800	17, 860	45, 940	6, 162	7, 545	9, 713	34, 591	2, 865	71	2, 853
1945.....	71, 229	23, 337	47, 892	11, 655	9, 119	9, 696	35, 092	2, 793	49	2, 825
1946.....	85, 837	27, 790	58, 047	16, 067	21, 273	9, 639	33, 343	2, 597	48	2, 850
1947.....	104, 443	35, 525	68, 918	22, 981	28, 049	10, 451	36, 896	2, 955	137	2, 974
Domiciliary care:										
1935.....	9, 323	919	8, 404	-----	-----	727	6, 739	1, 286	77	494
1940.....	16, 518	1, 146	15, 372	-----	-----	949	14, 293	752	19	595
1944.....	8, 576	559	8, 017	26	171	448	7, 123	558	15	235
1945.....	8, 779	560	8, 219	67	293	414	7, 174	589	17	225
1946.....	11, 052	684	10, 368	107	526	506	8, 951	697	13	252
1947.....	13, 458	994	12, 464	143	583	709	10, 687	947	25	364

<sup>1</sup>Includes Veterans' Administration beneficiaries cared for in Army, Navy, Marine, and State and civil (con-  
tract) hospitals, St. Elizabeths, and hospitals operated in connection with National Veterans homes.  
<sup>2</sup>Beginning 1933, figures include hospitals operated in connection with Veterans' Administration homes.  
<sup>3</sup>Excludes hospitals operated for only part of year under unnatural conditions.  
<sup>4</sup>Includes emergency, observation, and unclassified cases.

Source: Veterans' Administration, Annual Report of Administrator and records.

11. ~~NOTE~~ ~~SECRET~~ and Rabbinic Testament

THEY ARE: "BIB" : RECOVERED WITH VERY SLIGHT, ON HAND, AND  
2. THE.

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the situation.

2. Once the problem is identified, the next step is to define the objectives and goals of the project. This helps to clarify what needs to be achieved and provides a clear direction for the team.

3. The third step is to develop a plan or strategy to address the problem. This involves breaking down the problem into smaller, manageable tasks and determining the resources needed to complete them.

4. The fourth step is to implement the plan. This involves putting the strategy into action and monitoring progress to ensure that the project is on track.

5. The final step is to evaluate the results of the project. This involves assessing the outcomes against the objectives and goals and identifying any areas for improvement.

6. Throughout the process, it is important to communicate effectively with the team and stakeholders. This ensures that everyone is aware of the progress and can provide input and feedback as needed.

7. Finally, it is important to document the process and results of the project. This provides a record of what was done and can be used to inform future projects.

8. The process of project management is a continuous cycle that evolves over time. As new challenges arise, the team must be able to adapt and adjust the plan accordingly.

9. In conclusion, project management is a critical skill for any organization. It provides a structured approach to achieving goals and ensures that resources are used effectively.

10. By following these steps, a team can successfully manage a project and achieve the desired outcomes.

1. The first step in the process of the investigation is the identification of the problem. This is done by the investigator who is responsible for the study. The next step is to collect data. This is done by the investigator who is responsible for the study. The next step is to analyze the data. This is done by the investigator who is responsible for the study. The next step is to interpret the results. This is done by the investigator who is responsible for the study. The next step is to draw conclusions. This is done by the investigator who is responsible for the study. The next step is to report the findings. This is done by the investigator who is responsible for the study. The next step is to discuss the implications. This is done by the investigator who is responsible for the study. The next step is to recommend further research. This is done by the investigator who is responsible for the study. The next step is to conclude the study. This is done by the investigator who is responsible for the study.

[illegible]

## SOCIAL INSTITUTE FOR INDUSTRY AND COMMUNITY DEVELOPMENT

[illegible][illegible]

month in which the wage earner dies, a lump sum is paid to the spouse who was living with the worker at the time of death or, if there is no such spouse, as reimbursement for burial expenses to a person or persons equitably entitled to such payment. Survivor benefits were also established in 1946 for survivors of World War II veterans who die within 3 years of their discharge from military service, if pension or compensation is not payable by the Veterans' Administration with respect to the death of the veteran.

A worker is fully insured if, when he files his claim for retirement benefits, he has received at least \$50 in wages from covered employment in a minimum of 6 quarters and in 1 quarter of every 2 that have elapsed since the end of 1936—or since attainment of age 21 if later—and his attainment of age 65 or death, or if he has had at least 40 quarters of coverage. A worker is currently insured if he has had wages of \$50 or more from covered employment in at least 6 of the last 13 quarters, including the quarter in which he dies.

Monthly benefits and lump-sum payments are based on the worker's average wage as legally defined. Benefits are suspended for any month in which the beneficiary, or the person on whose wage record benefits are based, earned more than \$14.99 in covered employment. Covered workers and their employers each pay contributions of 1 percent on the worker's wages, not counting amounts above the first \$3,000 in a year. The rate is scheduled to rise to 1.5 percent in 1950 and to 2 percent in 1952. An amount equal to the contributions collected is appropriated for deposit in the old-age and survivors insurance trust fund, from which benefits and administrative costs are paid. The wage credits of a worker—the amounts of wages up to a maximum of \$3,000 a year—are recorded in individual employee accounts maintained by the Bureau of Old-Age and Survivors Insurance.

State unemployment insurance laws (tables 277–281) pay benefits to unemployed covered workers who meet the qualifying conditions specified in the State law. In general, a waiting period of 1 or 2 weeks must be served before payments begin. Benefits are payable for a maximum number of weeks, amounting to 20 in 22 States at the end of 1947 but ranging from 12 to 26 weeks among the others. In theory, weekly benefit amounts represent about 50 percent of wages, but the maximum limits on individual payments, which range from \$15 to \$25 under the several State laws, cut down the proportion for many workers in many States. Five States take account of the unemployed worker's dependents in determining the amount of benefits payable to him. Two States pay benefits to claimants whose unemployment is caused by temporary sickness.

In all States but one the standard rate of contributions payable by employers is 2.7 percent of wages paid, not counting amounts above the first \$3,000 a year paid to an employee. In a very few States, employees also contribute. All but one State adjusted employer contribution rates in 1947 in accordance with "experience rating," which is based in general on the extent to which their employees have drawn benefits. The Federal Government imposes a Federal unemployment tax on substantially all employers of 8 or more in industry or commerce; against this Federal tax, employers credit, up to 90 percent of their Federal liability, contributions they have paid under the State law or would have paid if they had been assessed at the standard rate. Contributions collected by States are deposited to State accounts in the Federal unemployment trust fund, from which States withdraw amounts needed for benefit payments. States that have collected employee contributions may use that money to finance cash sickness benefits. The Federal Government makes grants to States to cover the necessary administrative costs of State systems that meet statutory Federal requirements.

#### **SOCIAL INSURANCE FOR RAILROAD WORKERS**

The programs established under the Railroad Retirement Act and the Railroad Unemployment Insurance Act cover social insurance for employees of railroads

(including the Railway Express Agency and the Pullman Company) subject to part I of the Interstate Commerce Act, affiliated companies such as refrigerator-car loan companies which perform services in connection with railroad transportation, organizations such as railroad and traffic associations maintained by two or more covered employers, and standard railway-labor organizations which are national in scope. Both programs are administered by the Railroad Retirement Board, which publishes detailed data on operations in its Monthly Review and Annual Report.

**Railroad retirement (tables 287-292).**—The Railroad Retirement Act provides retirement annuities for aged or disabled workers and monthly and lump-sum survivor benefits for the families of deceased railroad workers. Old-age annuities are payable at age 65 or over, or at reduced rates (full rates for women employees) at ages 60 to 64 after 30 years of service. Disability annuities are payable (1) at age 60 or after 10 years of service, in case of total and permanent disability, and (2) at age 60 or after 20 years of service, in case of permanent disability for employment in the worker's regular occupation, provided he is currently connected with the railroad industry.

Retirement annuity payments are made monthly and are equal to 2 percent of the first \$50 of the worker's average monthly earnings, 1½ percent of the next \$100, and 1 percent of the next \$150, the sum multiplied by the number of his years of service (up to a maximum of 30, if service before 1937 is included). Under certain conditions, military service is also creditable toward an annuity. Retirement is not compulsory at any age.

At present, the maximum annuity is \$120 a month. Workers who have at least 5 years of service and are connected with the railroad industry receive a minimum monthly benefit of at least \$3 multiplied by the number of years of service, or \$50, or the actual average monthly compensation, whichever is least.

Pensions are paid to retired workers who were on the private pension rolls of the carriers on July 1, 1937, and who were not eligible for annuities.

Survivor benefits consist of four types of monthly annuities and a lump-sum death benefit to certain dependents of "completely insured" workers who die either before or after retirement as follows: (1) widows at age 65, if they do not remarry; (2) dependent, unmarried children under 16 (18, if attending school); (3) widows with dependent, unmarried children under 18 in their care; and (4) dependent parents aged 65, when the worker is not survived by a widow or eligible children. If the deceased worker leaves no survivor entitled to immediate monthly benefits, a lump-sum death benefit is payable to the widow, widower, children (including persons entitled to share with children under State intestacy laws), parents, or persons who paid the funeral expenses. If a worker dies "partially insured," all of the benefits listed above except those to widows at age 65 and to parents are payable.

A worker is "completely insured" at death if he has been receiving a retirement annuity or a pension under the Railroad Retirement Act (if receiving an annuity, it must have begun before 1948 and have been based on at least 10 years of service); or he must have had a specified amount of service after 1936. In general, he must have worked under the Railroad Retirement Act or the Social Security Act, or both, for a period equal to approximately one-half the time from 1937 (or age 21, if later) until he dies, retires, or becomes 65. A worker is "partially insured" if he worked in the railroad industry approximately 1½ years in the period beginning with the third year before his death.

The funds for the retirement system come from a tax on compensation (exclusive of earnings over \$300 a month) and are collected under the Railroad Retirement Tax Act. The total tax rate, divided equally between the employer and the employee, is 11½ percent for the years 1947 and 1948 and is scheduled to rise to 12 percent in 1949 and to a maximum of 12½ percent in 1952. Appropriations for benefit payments and administration and for establishing a reserve in the railroad retirement account are made by Congress annually on the basis of anticipated tax collections.



**Railroad unemployment insurance (tables 293, 294).**—The Railroad Unemployment Insurance Act provides unemployment and sickness benefits (including maternity benefits) payable during a “benefit year” to railroad workers who earned at least \$150 in compensation from a covered employer in the “base year,” which is the calendar year preceding the beginning of the benefit year. A benefit year begins on July 1 of each year and ends on June 30 of the following year. Benefits, ranging from \$1.75 to \$5.00, are payable for each day of unemployment or sickness (other than maternity) over 7 in the first 14-day registration period and for each day over 4 in subsequent registration periods up to a maximum of 130 days in the benefit year.

Maternity benefits are payable to women workers for a maximum period of 116 days beginning 57 days before the date of childbirth at the same daily benefit rate as for unemployment and sickness. Benefits, however, are paid for every day in a registration period; in addition, the first 14 days of the maternity period and the first 14 days following childbirth are compensated at 50 percent above the regular daily rate.

The railroad unemployment insurance program is financed entirely by contributions paid directly to the Railroad Retirement Board by covered employers; the contribution rate is 3 percent of pay rolls (exclusive of individual earnings in excess of \$300 a month).

The Board also operates a free employment service for railroad employees under this act.

#### RETIREMENT SYSTEMS FOR GOVERNMENT EMPLOYEES

**Federal systems.**—Three contributory retirement systems for Federal civilian employees (tables 298–300) and one noncontributory system are administered by the Civil Service Commission. In addition, there are other systems for Federal employees not otherwise covered (table 301).

The Civil Service Retirement Act, as passed in 1920 and amended subsequently, provides for age, optional, disability and discontinued service annuities for employees in the executive, judicial, and legislative branches of the United States Government not subject to another retirement system, except those employees excluded by executive order because the tenure of employment is intermittent or of uncertain duration. It also covers those employees in the municipal government of the District of Columbia not subject to special retirement systems for teachers, firemen, and policemen. Approximately 1,600,000 employees were subject to this act as of June 30, 1947. The employee contribution rate, computed on base pay, has been 5 percent since July 1942. The rate had been 3½ percent for July 1926–June 1942 and 2½ percent from August 1920–June 1926.

The Panama Canal Zone Retirement Act, passed in 1931, pertains to employees of the Panama Canal and Panama Railroad Company who work on the Isthmus of Panama and are citizens of the United States. Four thousand seven hundred and sixteen employees were covered by this act in June 1947. Employee contributions are 5 percent. Employees of the Alaska Railroad in Alaska who are citizens of the United States come under the Alaska Railroad Retirement Act, enacted in 1936. The coverage under this system was 1,678 persons in June 1947. The contribution rate is 5 percent.

These three acts do not require specific payments from the Government as employer, but each implies that the Government will furnish the amounts necessary to finance the fund and to continue the act in full force and effect. Appropriations have been made annually by the Congress to each fund after a short period of operation.

A special act was passed in 1944 to provide noncontributory annuities for citizens of the United States employed during the Panama Canal construction period and not receiving benefits under other Federal retirement acts. Separate retirement systems, some contributory and others noncontributory, are in operation for the armed forces and special classes of Federal employees.



**State and local systems (tables 302-305).—**Retirement systems administered by State or local governmental units are in effect for about three-fifths of the persons employed by State and local governments. The great majority of the systems are contributory. The benefits provided and conditions for receipt of benefits vary widely. The retirement benefit is usually weighted heavily by years of coverage. Most of the systems include provisions for retirement from disability as well as from age. In general, survivor protection under State and local systems is afforded only for survivors of annuitants who have elected a reduced benefit, or consists of a refund of contributions only.

#### PUBLIC ASSISTANCE

Public assistance (tables 295 and 296) is provided through four major programs, all administered by the States and localities. Payments to three groups of needy persons—the aged, the blind, and children whose need arises from certain causes—are financed in part from Federal funds granted to States under the Social Security Act. Aid to other needy persons is furnished for the most part through general assistance, toward which the Federal Government makes no contribution. In addition, one State aids dependent children, and three aid blind persons, without Federal funds.

To receive a Federal grant for assistance payments and administrative expenses under any of the three programs established by the Social Security Act, a State must have a plan approved as meeting the requirements of the Federal act. Each State establishes the conditions under which needy people may receive assistance and determines how much they shall get. For the period October 1946 through June 1950 the maximum amount in which the Federal Government will share is \$45 for old-age assistance and aid to the blind and, for aid to dependent children, \$24 for the first child and \$15 for each additional child in a family. The Federal Government pays two-thirds of the first \$15 of the average monthly assistance payment for aged and blind recipients and two-thirds of the first \$9 per dependent child, plus one-half the remainder of matchable expenditures. For all three programs the Federal share of the cost of State administration is one-half the sums expended.

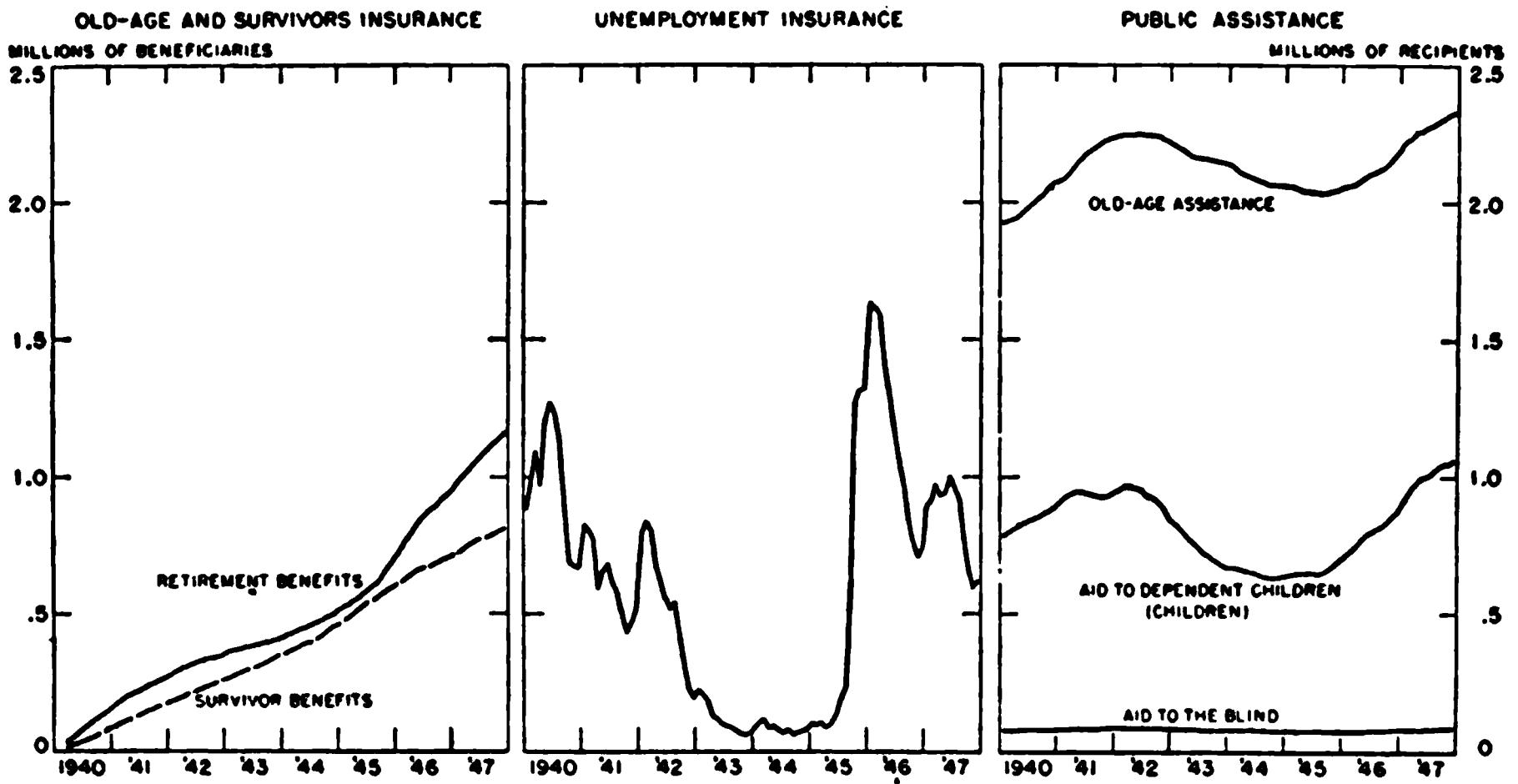
#### HEALTH AND WELFARE SERVICES

Health and welfare services (tables 266, 267, 297) are provided through grants to States for maternal and child health services, services for crippled children, child-welfare services, vocational rehabilitation, and public health. The Children's Bureau, a part of the Social Security Administration, administers the first three of these programs (table 297); the other two are administered, respectively, by the Office of Vocational Rehabilitation (table 169) and the Public Health Service, both units of the Federal Security Agency.

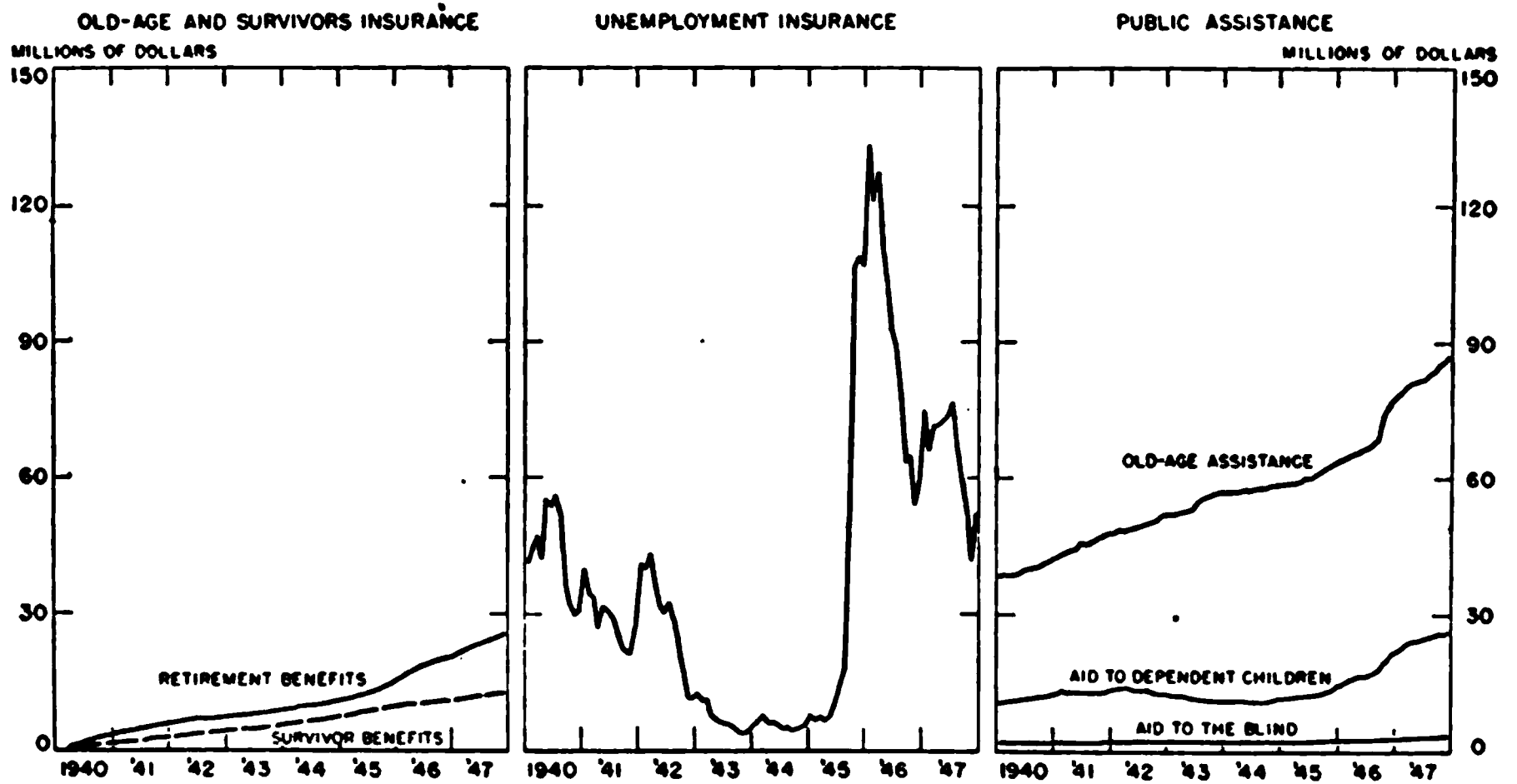
FIGURE H.—SOCIAL SECURITY OPERATIONS: 1940 TO 1947

[Old-age and survivors insurance: Beneficiaries actually receiving monthly benefits (current payment status) and amount of their benefits during month. Unemployment insurance: Average weekly number of beneficiaries for the month and gross benefits paid during the month under all State laws. Public assistance: Recipients and payments under all State programs]

INDIVIDUALS RECEIVING PAYMENTS



SOCIAL SECURITY PAYMENTS



Source: Federal Security Agency, Social Security Administration.

# No. 264.—PUBLIC EXPENDITURES FOR SOCIAL SECURITY AND RELATED PURPOSES, BY SOURCE OF FUNDS: FISCAL YEARS 1945 AND 1946

[In millions. Data corrected to May 29, 1947. Represents expenditures from general, special, and trust accounts; excludes transfers to such accounts and loans. Includes administrative expenditures unless otherwise indicated. Fiscal years of Federal Government, most States, and some localities ending June 30; fiscal years of other States and localities cover various 12-month periods ending within year]

PROGRAM	1945			1946		
	Total	Federal	State and local	Total	Federal	State and local
<b>Total</b> .....	\$4,539.6	\$2,418.9	\$2,180.7	\$6,680.4	\$3,287.5	\$3,392.9
<b>Social insurance and related programs</b> .....	2,237.8	1,570.9	666.9	4,106.0	2,382.2	1,723.8
Old-age and survivors insurance.....	266.8	266.8	-----	357.9	357.9	-----
Railroad retirement.....	143.7	143.7	-----	154.4	154.4	-----
Public employee retirement systems <sup>1</sup> .....	441.3	<sup>2</sup> 217.8	<sup>3</sup> 223.5	587.5	<sup>2</sup> 352.5	<sup>3</sup> 235.0
Employment security <sup>4</sup> .....	161.8	90.5	71.3	1,201.7	110.6	1,091.1
Railroad unemployment insurance <sup>5</sup> .....	4.4	4.4	-----	20.7	20.7	-----
Veterans' programs <sup>6</sup> .....	832.2	832.2	-----	1,373.3	1,373.3	-----
Workmen's compensation.....	382.5	15.8	<sup>1</sup> 367.2	405.7	12.7	393.0
Rhode Island sickness compensation.....	4.9	-----	4.9	4.7	-----	4.7
Civilian war benefits.....	.2	.2	-----	.1	.1	-----
<b>Public aid</b> .....	1,070.8	459.8	611.0	1,188.3	481.3	707.0
Special types of public assistance.....	907.7	402.2	505.5	1,002.1	422.1	580.0
General assistance.....	103.5	-----	103.5	121.0	-----	121.0
Subsistence payments to farmers.....	.2	.2	-----	.2	.2	-----
Work relief <sup>7</sup> .....	.1	.1	-----	-----	-----	-----
School lunch program <sup>8</sup> .....	56.2	56.2	-----	63.1	57.1	6.0
Civilian war assistance <sup>9</sup> .....	.9	.9	-----	1.0	1.0	-----
Assistance to enemy aliens <sup>9</sup> .....	.2	.2	-----	.9	.9	-----
<b>Health and medical services <sup>10</sup></b> .....	1,129.3	361.8	767.5	1,228.7	402.6	824.1
Public health services.....	231.9	50.2	181.7	265.2	60.0	205.2
Hospital care and construction.....	700.8	121.8	<sup>9</sup> 579.0	834.2	222.2	<sup>9</sup> 612.0
Maternal and child health services <sup>10</sup> .....	9.5	5.7	3.8	10.1	6.3	3.9
Services for crippled children <sup>10</sup> .....	7.0	4.0	3.0	7.4	4.3	3.0
Emergency wartime health and medical services.....	170.2	170.2	-----	98.0	98.0	-----
Other health and medical services <sup>11</sup> .....	9.9	9.9	-----	11.8	11.8	-----
<b>Other welfare services</b> .....	161.7	26.4	135.3	159.4	21.4	138.0
Vocational rehabilitation.....	10.1	7.5	2.6	14.2	10.5	3.7
Child welfare services.....	1.4	1.4	( <sup>12</sup> )	1.3	1.3	( <sup>12</sup> )
Institutional and other care.....	134.2	<sup>13</sup> 2.9	<sup>14</sup> 131.3	134.4	<sup>13</sup> 3.1	<sup>14</sup> 131.3
Day care.....	16.0	<sup>15</sup> 14.6	1.4	9.5	<sup>15</sup> 6.5	3.0

<sup>1</sup> Estimated by Social Security Administration.

<sup>2</sup> Includes noncontributory programs.

<sup>3</sup> Excludes administrative expenses.

<sup>4</sup> State unemployment insurance and U. S. Employment Service.

<sup>5</sup> Includes administration of employment services by Railroad Retirement Board.

<sup>6</sup> Excludes expenditures from Government life insurance fund.

<sup>7</sup> Liquidation expenses of WPA and NYA and expenditures for work relief in Puerto Rico and Virgin Islands; in 1945-46, expenditures under these programs were less than \$25,000.

<sup>8</sup> Excludes expenditures for medical services included under public aid programs above, and expenditures for health primarily incidental to performance of other functions, such as those in connection with Army, Navy, and education.

<sup>9</sup> Estimated.

<sup>10</sup> Only amounts expended for programs under Social Security Act.

<sup>11</sup> Includes expenditures by Food and Drug Administration and medical service to Indians and to natives of Alaska.

<sup>12</sup> Not available.

<sup>13</sup> American Printing House for the Blind, Columbia Institution for the Deaf, Naval Home, veterans' homes, and U. S. Soldiers' Home.

<sup>14</sup> Data not available; 1940-41 figure used.

<sup>15</sup> Federal Works Agency for child care programs.

Source: Federal Security Agency, Social Security Administration, Bureau of Research and Statistics; Social Security Yearbook, 1946.

**No. 265.—SELECTED SOCIAL INSURANCE AND RELATED PROGRAMS—ESTIMATED PAY ROLLS IN COVERED EMPLOYMENT IN RELATION TO CIVILIAN WAGES AND SALARIES: 1939 TO 1946**

[Amounts in millions of dollars. Data for calendar years, corrected to December 16, 1947]

PROGRAM	1939	1940	1941	1942	1943	1944	1945	1946
AMOUNT								
Total earnings <sup>1</sup> .....	57,027	62,247	78,212	104,405	131,279	144,827	147,702	146,094
All wages and salaries <sup>1</sup> .....	45,748	49,897	61,708	81,681	105,329	117,137	117,537	111,143
Civilian.....	45,347	48,996	59,846	75,395	90,830	96,355	95,099	103,123
Military.....	398	891	1,862	6,285	14,478	20,782	22,438	8,010
Pay rolls covered by retirement programs, <sup>2</sup> total.....	37,636	41,721	52,652	67,991	81,878	86,676	85,682	94,183
Old-age and survivors insurance.....	32,222	35,668	45,463	58,219	69,653	73,349	71,560	79,330
Railroad retirement.....	2,161	2,273	2,687	3,382	4,085	4,507	4,514	4,806
Federal civil-service retirement <sup>3</sup> .....	1,221	1,430	1,912	3,600	5,100	5,500	5,840	5,220
State and local government.....	2,034	2,350	2,590	2,790	3,040	3,220	3,768	4,787
Pay rolls covered by unemployment insurance programs, <sup>2</sup> total.....	31,230	34,723	44,833	58,178	70,202	73,646	71,157	78,224
State unemployment insurance.....	29,069	32,480	42,146	54,796	66,117	69,139	66,643	73,368
Railroad unemployment insurance.....	2,161	2,273	2,687	3,382	4,085	4,507	4,514	4,856
PERCENT								
Civilian wages and salaries <sup>1</sup> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Pay rolls covered by retirement programs, <sup>2</sup> total.....	83.0	85.2	88.0	90.2	90.1	90.0	90.1	91.3
Old-age and survivors insurance.....	71.1	72.8	76.0	77.2	76.7	76.1	75.2	76.9
Railroad retirement.....	4.8	4.6	4.5	4.5	4.5	4.7	4.7	4.7
Federal civil-service retirement <sup>3</sup> .....	2.7	2.9	3.2	4.8	5.6	5.8	6.1	5.1
State and local government.....	4.5	4.8	4.3	3.7	3.3	3.3	4.0	4.6
Pay rolls covered by unemployment insurance programs, <sup>2</sup> total.....	68.9	70.9	74.9	77.2	77.3	76.4	74.8	78.6
State unemployment insurance.....	64.1	65.2	70.4	72.7	72.8	71.8	70.1	71.1
Railroad unemployment insurance.....	4.8	4.6	4.5	4.5	4.5	4.7	4.7	4.7

<sup>1</sup> Data from Dept. of Commerce, Off. Bus. Econ. Total earnings include earnings of self-employed; all wage and salaries represent civilian wages and salaries in cash and in kind in continental U. S., and pay of Federal civilian and military personnel in all areas. Includes employee contributions under contributory systems.

<sup>2</sup> All programs except Federal civil-service retirement and State and local government include pay rolls in Alaska and Hawaii. Includes nontaxable wages for programs under which only part of wages in covered employment are taxable.

<sup>3</sup> Based on fiscal-year data. Includes wages and salaries of employees covered by Alaska Railroad and Panama Canal Zone Retirement Acts.

<sup>4</sup> Preliminary estimate.

Source: Federal Security Agency, Social Security Administration, Bureau of Research and Statistics. Data appear periodically in Social Security Bulletin.

**No. 266.—FEDERAL AID TO STATES FOR SOCIAL SECURITY AND OTHER PURPOSES: FISCAL YEARS 1939 TO 1946**

In thousands. On basis of checks issued. Includes grants to island possessions. Data from Annual Report of Secretary of Treasury on the State of the Finances, and other Treasury reports.

FISCAL YEAR	Total	SOCIAL SECURITY AND RELATED SERVICES					Public roads	Development and conservation of natural resources <sup>3</sup>
		Total	Assistance payments and administration <sup>1</sup>	Employment security administration <sup>2</sup>	Health and welfare services <sup>4</sup>	Education <sup>5</sup>		
1939.....	\$573,129	\$328,402	\$246,896	\$62,858	\$18,646	\$24,839	\$191,673	\$28,316
1940.....	577,539	359,242	271,131	61,680	26,431	24,708	164,517	29,072
1941.....	715,349	426,965	329,845	65,195	30,946	87,299	171,043	30,022
1942.....	779,198	464,710	374,566	65,844	24,599	126,515	187,911	31,062
1943.....	828,064	472,091	395,449	39,480	37,162	151,188	173,669	31,126
1944.....	825,093	533,822	429,458	35,294	69,070	112,735	144,120	34,416
1945.....	729,849	521,546	401,400	34,419	85,770	83,763	87,429	37,069
1946.....	757,874	611,501	421,196	55,726	124,580	34,319	74,529	37,525

<sup>1</sup> Old-age assistance, aid to dependent children, and aid to blind under Social Security Act.

<sup>2</sup> Unemployment insurance administration under Social Security Act; employment service under Wagner-Peyser Act, July 1937-Dec. 1941. Excludes expenditures for postage.

<sup>3</sup> Maternal and child health and welfare services; public health services; vocational rehabilitation; venereal disease control, State and Territorial homes for disabled soldiers and sailors, beginning 1942-43, emergency maternity and infant care; for 1942-43, community war services day care; and for 1945-46, school lunch program.

<sup>4</sup> Revised to include education of blind in addition to agricultural and mechanic arts colleges, State marine schools, vocational education, training defense workers, and agricultural extension services of land-grant colleges for improving supply and distribution of farm labor.

<sup>5</sup> Forestry, wildlife restoration, agricultural experiment stations, and agricultural extension work.

<sup>6</sup> Includes \$550,000 for Canal Zone for public roads.

Source: Federal Security Agency, Social Security Administration, Bureau of Research and Statistics; Social Security Yearbook, 1946.

**No 267.—FEDERAL AID FOR SOCIAL SECURITY AND OTHER PURPOSES, BY STATES, TERRITORIES, AND POSSESSIONS: FISCAL YEAR 1946**

[In thousands. See headnote and footnotes, table 266]

STATE AND OTHER AREA	Total	SOCIAL SECURITY AND RELATED SERVICES				Education	Public roads	Development and conservation of natural resources
		Total	Assistance payments and administration	Employment security administration	Health and welfare services			
<b>Total.....</b>	<b>\$757,874</b>	<b>\$611,501</b>	<b>\$421,196</b>	<b>\$55,726</b>	<b>\$134,580</b>	<b>\$34,319</b>	<b>\$71,529</b>	<b>\$37,526</b>
Alabama.....	13,487	8,586	4,267	597	3,722	785	2,863	1,254
Arizona.....	5,252	3,624	2,609	228	786	243	1,108	278
Arkansas.....	9,143	6,296	3,353	490	2,464	800	1,006	1,041
California.....	62,549	53,442	38,990	6,272	8,179	1,755	5,809	1,543
Colorado.....	12,576	10,835	9,441	246	1,147	518	772	450
Connecticut.....	7,535	6,408	3,641	1,060	1,707	444	381	301
Delaware.....	1,562	894	219	174	501	214	272	182
District of Columbia.....	1,962	1,870	725	306	839	51	42	-----
Florida.....	15,384	13,074	9,730	490	2,853	510	1,097	702
Georgia.....	16,799	11,750	5,860	803	5,088	1,024	2,755	1,270
Idaho.....	4,676	2,891	2,022	185	684	330	968	487
Illinois.....	45,090	41,634	31,321	3,789	6,524	1,335	1,263	858
Indiana.....	17,713	15,016	10,520	1,355	3,141	714	1,185	798
Iowa.....	13,355	11,751	9,387	268	2,096	556	236	813
Kansas.....	9,724	7,817	5,728	524	1,565	461	808	639
Kentucky.....	10,550	7,642	4,037	469	3,135	777	1,075	1,056
Louisiana.....	14,387	10,787	6,714	764	3,309	806	1,860	933
Maine.....	5,176	4,170	3,069	294	808	350	264	393
Maryland.....	7,709	5,474	2,916	836	1,722	492	1,305	438
Massachusetts.....	25,684	23,886	18,525	2,058	3,303	657	838	304
Michigan.....	33,942	29,482	20,297	4,064	5,121	1,074	2,200	1,186
Minnesota.....	16,933	14,234	10,755	677	2,803	661	1,014	1,024
Mississippi.....	8,718	6,370	3,173	303	2,894	811	340	1,197
Missouri.....	27,548	23,973	19,735	1,160	3,077	883	1,677	1,015
Montana.....	5,195	3,095	2,369	185	541	313	1,378	409
Nebraska.....	9,034	6,096	4,815	168	1,113	437	1,946	555
Nevada.....	2,106	815	468	148	199	171	923	197
New Hampshire.....	2,889	2,064	1,393	222	469	213	342	250
New Jersey.....	12,413	10,341	4,775	2,639	2,927	616	1,038	417
New Mexico.....	5,324	2,496	1,623	139	734	224	2,266	337
New York.....	52,527	46,781	27,890	8,795	10,096	2,225	2,584	937
North Carolina.....	13,514	9,643	3,922	682	5,039	1,041	1,359	1,471
North Dakota.....	5,220	2,446	1,795	88	563	523	1,810	442
Ohio.....	37,496	33,082	24,377	3,328	5,378	1,190	2,200	1,023
Oklahoma.....	29,110	23,909	20,658	504	2,745	732	3,587	882
Oregon.....	10,296	7,004	5,006	723	1,275	446	1,690	1,156
Pennsylvania.....	34,820	30,181	21,635	3,909	4,637	1,794	1,612	1,233
Rhode Island.....	3,391	2,938	1,880	399	659	184	105	164
South Carolina.....	10,008	6,837	2,917	306	3,614	767	1,407	996
South Dakota.....	3,936	2,813	2,161	68	584	310	376	436
Tennessee.....	15,300	10,212	5,706	733	3,774	823	3,172	1,092
Texas.....	44,849	35,646	26,518	1,403	7,725	1,951	5,389	1,863
Utah.....	5,848	4,378	3,249	267	861	288	855	327
Vermont.....	2,234	1,524	894	149	481	226	216	268
Virginia.....	8,885	5,684	2,231	545	2,905	793	1,406	1,003
Washington.....	21,194	17,207	13,635	1,314	2,258	661	2,230	1,096
West Virginia.....	8,798	5,894	3,114	571	2,209	442	1,738	725
Wisconsin.....	15,269	13,050	9,742	759	2,549	813	397	1,009
Wyoming.....	2,929	1,212	778	101	333	257	1,183	278
Alaska.....	772	613	238	94	281	65	8	86
Hawaii.....	3,509	1,131	369	82	679	181	1,938	258
Puerto Rico.....	3,493	2,424	-----	-----	2,424	382	233	454
Virgin Islands.....	57	57	-----	-----	57	-----	-----	-----

<sup>1</sup> Excludes annual lump-sum payment by Federal Government to defray part of local expenses for use of District as seat of government.

Source: Federal Security Agency, Social Security Administration, Bureau of Research and Statistics; Social Security Yearbook, 1946.

No. 268.—PUBLIC ASSISTANCE AND FEDERAL WORK PROGRAMS—RECIPIENTS AND PERSONS EMPLOYED, PAYMENTS AND EARNINGS: 1936 TO 1946<sup>1</sup>

[In thousands. Through 1942, all data are for continental United States only; beginning 1943, public assistance data include Alaska and Hawaii. Excludes cost of administration and of materials, equipment, and other items incident to operation of work programs; partly estimated and subject to revision]

PROGRAM	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946
NUMBER OF RECIPIENTS AND PERSONS EMPLOYED, DECEMBER											
Recipients of assistance:											
Old-age assistance <sup>2</sup>	1,106	1,577	1,776	1,909	2,006	2,234	2,227	2,149	2,066	2,056	2,196
Aid to dependent children: <sup>3</sup>											
Families	162	228	280	315	370	390	348	272	254	274	346
Children	404	505	648	760	891	941	849	676	639	701	885
Aid to the blind <sup>4</sup>	45	56	67	70	73	77	79	76	72	71	77
Cases receiving general assistance <sup>5</sup>	1,510	1,626	1,631	1,558	1,239	798	460	292	258	257	315
Cases aided under special programs of the Federal Emergency Relief Administration <sup>6</sup>	11										
Cases for which subsistence payments were certified by Farm Security Administration <sup>7</sup>	135	109	115	96	45	26					
Persons employed under Federal work programs: <sup>8</sup>											
Civilian Conservation Corps <sup>9</sup>	328	284	275	266	246	126					
National Youth Administration: <sup>10</sup>											
Student work program	411	304	372	434	449	333	86				
Out-of-school work program	178	136	240	296	326	263					
Work Projects Administration <sup>11</sup>	2,243	1,594	3,156	2,109	1,826	1,023	300				
Other Federal agency projects financed from emergency funds <sup>12</sup>	506	235	167	141	22	2					
AMOUNT OF ASSISTANCE AND EARNINGS, CALENDAR YEAR											
Total assistance and earnings	\$3,119,013	\$2,653,918	\$3,236,600	\$3,185,447	\$2,723,408	\$2,227,527	\$1,546,241	\$989,765	\$942,457	\$909,686	\$1,182,587
Total assistance	680,950	840,306	1,007,506	1,067,889	1,053,286	1,002,503	965,089	930,234	942,457	969,686	1,182,587
Old-age assistance <sup>2</sup>	155,241	310,442	392,384	430,480	474,952	541,519	595,152	653,171	633,398	726,560	822,061
Aid to dependent children <sup>3</sup>	49,054	70,451	97,442	114,949	133,243	153,153	158,435	140,942	135,015	149,667	208,857
Aid to the blind <sup>4</sup>	12,813	16,171	18,958	20,752	21,826	22,901	24,660	25,143	25,342	26,567	30,748
General assistance <sup>5</sup>	439,004	404,881	476,203	482,653	404,063	272,649	180,571	110,978	88,762	86,912	120,920
Relief under special programs of Federal Emergency Relief Administration <sup>6</sup>	3,873	467									
Subsistence payments certified by Farm Security Administration <sup>7</sup>	20,305	35,804	22,579	19,055	18,282	12,281	6,271				



Total earnings of persons employed under Federal work programs <sup>1</sup>									
Civilian Conservation Corps <sup>2</sup>	2,438,063	1,813,612	2,229,034	2,117,558	1,670,142	1,225,024	581,152	50,531	-----
National Youth Administration: <sup>3</sup>	292,397	245,756	230,318	230,513	215,846	155,604	34,030	-----	-----
Student work program	26,329	24,287	19,598	22,707	26,864	25,118	11,328	3,794	-----
Out-of-school work program	28,883	32,664	41,560	51,538	65,211	94,032	32,009	-----	-----
Work Projects Administration <sup>4</sup>	1,592,039	1,186,266	1,751,053	1,505,515	1,269,617	937,366	503,055	46,737	-----
Other Federal agency projects financed from emergency funds <sup>5</sup>	498,415	324,639	186,505	247,285	92,604	12,904	730	-----	-----

<sup>1</sup> For 1933-35 data see Statistical Abstract, 1944-45, table 205, p. 196.  
<sup>2</sup> Represents recipients of payments from Federal, State, and local funds for programs administered under State plans approved by Social Security Administration and from State and local funds for programs administered under State laws without Federal participation, and amount of such payments. Excludes cost of hospitalization and burial and, beginning September 1940, recipients and cost of medical care.  
<sup>3</sup> Excludes cost of hospitalization and burial and, beginning September 1940, recipients and cost of medical care. Data for 1936-March 1937 from WPA.  
<sup>4</sup> Cases receiving relief under emergency education, student aid, rural rehabilitation, and transient programs of emergency relief administration, largely financed from FERA funds, and amount of such relief.  
<sup>5</sup> Net number and net amount of emergency grant vouchers certified to cases and cases receiving only commodities purchased by FSA and distributed during period and value of such commodities. Dropped from series after June 1942 because appropriation was drastically reduced and payments limited to need occasioned by natural disasters. Data from FSA.  
<sup>6</sup> Excludes administrative employees and their earnings.  
<sup>7</sup> Enrolled persons only; represents averages computed from reports on number of persons enrolled on 10th, 20th, and last day of the month, except for Indian Division, for which averages were computed from daily reports. Earnings estimated by multiplying

average monthly number enrolled by average of \$70 through June 1939, \$67 for July-October 1939, \$66.25 for November 1939-June 1941, and \$67.20 subsequently for enrollees other than Indians, and \$60.50 for Indians. Average amount based on obligations incurred for cash allowances, clothing, shelter, subsistence, and medical care for persons enrolled, and for certain other items. Data from CCC.  
<sup>8</sup> Persons employed during month, except for out-of-school program after June 1941, which represents average of weekly employment counts. Data until July 1939 from WPA; subsequently, from NYA.  
<sup>9</sup> Average weekly number of persons employed on projects operated by WPA, and earnings covering all pay-roll periods ended during year. Beginning September 1938, for persons employed, and July 1938 for earnings, represents employment on Federal agency projects financed by transfer of WPA funds. Data from WPA.  
<sup>10</sup> A average weekly number of persons employed during monthly period ended on 15th on projects financed in whole or in part from emergency Federal funds other than those of CWA, CCC, NYA, and WPA; earnings covering all pay-roll periods ended during year. Beginning October 1941, employment and earnings on projects financed from PWA funds only; figures not available for other Federal agency projects financed under Emergency Relief Appropriation Acts. Data from Bureau of Labor Statistics.  
Source: Federal Security Agency, Social Security Administration, Bureau of Public Assistance, Social Security Yearbook, 1946.

# No. 269.—SOCIAL INSURANCE AND RELATED PROGRAMS—BENEFICIARIES AND PAYMENTS: 1941 TO 1946

[Number of beneficiaries in thousands; payments in thousands of dollars. Corrected to Dec. 16, 1947]

PROGRAM	1941	1942	1943	1944	1945	1946
<b>Number of beneficiaries, December:</b>						
Federal retirement, disability, and survivor programs <sup>1</sup>						
Monthly retirement and disability benefits: <sup>2</sup>						
Social Security Act <sup>3</sup>	266.3	346.8	405.3	504.0	600.9	935.6
Railroad Retirement Act <sup>4</sup>	152.9	154.9	159.0	163.4	172.9	185.0
Veterans' Administration <sup>5</sup>	622.7	624.1	648.6	955.7	1,533.6	2,314.4
Civil Service Commission <sup>6</sup>	68.6	72.8	76.8	83.9	92.5	106.5
Monthly survivor benefits:						
Social Security Act <sup>3</sup>	167.4	261.7	341.5	450.8	597.3	706.7
Railroad Retirement Act <sup>4</sup>	3.6	3.8	4.1	4.3	4.4	4.5
Veterans' Administration <sup>5</sup>	318.5	315.9	322.7	372.7	607.5	849.4
Lump-sum death payments <sup>7</sup>						
Social Security Act	6.2	9.7	10.5	13.0	13.2	15.1
Railroad Retirement Act	1.2	1.2	1.3	1.4	1.3	.8
Veterans' Administration <sup>5</sup>	3.2	2.3	3.3	3.6	3.8	6.0
Civil Service Commission	.5	.8	1.4	1.4	7	1.6
State unemployment insurance <sup>8</sup>	523.0	192.6	64.4	74.9	1,318.9	747.3
Veterans' unemployment allowances <sup>11</sup>				16.8	405.0	987.9
R. R. Unemployment Insurance Act <sup>12</sup>	22.4	3.3	.7	1.2	12.7	70.3
State and local retirement systems <sup>13</sup>	159.2	171.0	182.6	195.5	208.0	220.0
Workmen's compensation (Federal and State) <sup>14</sup>	(15)	(15)	(15)	(15)	(15)	(15)
State sickness compensation <sup>15</sup>			4.1	4.5	4.4	6.4
Refunds under Civil Service Commission	3.5	7.3	25.6	75.2	76.0	71.1
Veterans' self-employment allowances <sup>16</sup>				8	21.1	155.4
<b>Payments, total <sup>17</sup></b>	<b>1,556,302</b>	<b>1,661,778</b>	<b>1,496,973</b>	<b>1,769,042</b>	<b>2,768,826</b>	<b>6,067,218</b>
Federal retirement, disability, and survivor programs, total <sup>18</sup>	726,630	780,369	838,047	1,047,469	1,487,910	2,266,348
Monthly retirement and disability benefits: <sup>19</sup>						
Social Security Act <sup>3</sup>	55,141	80,305	97,257	119,009	157,391	230,285
Railroad Retirement Act <sup>4</sup>	119,912	122,806	125,795	129,707	137,140	149,188
Veterans' Administration <sup>5</sup>	320,561	325,265	331,350	456,270	697,630	1,268,984
Civil Service Commission <sup>6</sup>	64,933	68,115	72,961	78,081	85,742	96,418
Monthly survivor benefits:						
Social Security Act <sup>3</sup>	25,454	41,702	57,763	76,942	104,231	130,139
Railroad Retirement Act <sup>4</sup>	1,569	1,603	1,704	1,765	1,772	1,817
Veterans' Administration <sup>5</sup>	111,799	111,193	116,133	144,302	264,238	333,640
Lump-sum death payments: <sup>7</sup>						
Social Security Act	13,328	15,038	17,830	22,146	26,135	27,267
Railroad Retirement Act	3,421	4,114	5,560	6,591	8,138	9,127
Veterans' Administration <sup>5</sup>	4,352	4,120	4,350	4,784	5,049	7,491
Civil Service Commission	6,170	6,108	7,344	7,863	10,244	13,992
Federal and State unemployment insurance programs, total	358,868	350,352	80,580	67,080	563,180	2,626,686
State unemployment insurance <sup>8</sup>	344,321	344,064	79,643	62,385	445,866	1,095,475
Veterans' unemployment allowances <sup>11</sup>				4,113	114,955	1,491,294
R. R. Unemployment Insurance Act <sup>12</sup>	14,537	6,268	917	582	2,359	39,917
State and local retirement systems <sup>13</sup>	175,000	194,000	210,000	218,000	228,000	240,000
Workmen's compensation (Federal and State) <sup>14</sup>	291,200	330,700	356,700	389,200	412,400	436,400
State sickness compensation <sup>15</sup>			2,857	6,035	4,659	4,766
Refunds under Civil Service Commission	4,616	6,357	10,809	42,156	60,992	238,594
Veterans' self-employment allowances <sup>16</sup>				102	11,675	252,424

<sup>1</sup> See table 301 for data relating to systems covering Federal employees other than systems administered by Civil Service Commission.

<sup>2</sup> Old-age retirement benefits under all acts, disability retirement benefits under Railroad Retirement and Civil Service Retirement Acts, and disability payments to veterans.

<sup>3</sup> Number of primary and supplementary (wife's and child's) benefits in current-payment status, and amounts certified. Partly estimated.

<sup>4</sup> Age and disability annuitants and pensioners. Payments represent amounts certified, minus cancellations.

<sup>5</sup> Includes survivor benefits under joint and survivor elections; not adjusted for suspension of annuities of persons reemployed under National Defense Acts of June 28, 1940, and January 24, 1942.

<sup>6</sup> Widow's, widow's current, parent's, and child's benefits in current-payment status and amounts certified. Partly estimated.

<sup>7</sup> Number of widows, parents, and children of deceased veterans, and amount of payments.

<sup>8</sup> Number of decedents on whose account lump-sum payments were certified, and amount of payments.

<sup>9</sup> Payments for burial of deceased veterans.

<sup>10</sup> Average weekly number. Amounts adjusted for voided benefit checks.

<sup>11</sup> Under Servicemen's Readjustment Act, effective September 1944. Beneficiaries of unemployment allowances represent average weekly number; of self-employment allowances, number during month.

<sup>12</sup> Average number of persons receiving benefits for unemployment in a 14-day registration period. Amounts adjusted for underpayments and recoveries of overpayments.

<sup>13</sup> Beneficiaries as of June. Payments include lump-sum survivor benefits and refunds. Data estimated; for 1946, preliminary.

<sup>14</sup> Includes refunds to civilian employees of War Department during July-December 1946; number and amount not available.

<sup>15</sup> Data represent payments to individuals and exclude cost of administration. Payments under Social Security and Railroad Retirement Acts (including retroactive payments) and payments under Railroad Retirement Unemployment Insurance Act are amounts certified; payments under Civil Service Commission and Veterans' Administration are disbursements minus cancellations; State sickness compensation and State unemployment insurance payments are adjusted for voided benefit checks.

<sup>16</sup> Data estimated; for 1946, preliminary. Includes payments for medical care.

Source: Federal Security Agency, Social Security Administration, Bureau of Research and Statistics. Data appear periodically in Social Security Bulletin.

No. 270.—OLD-AGE AND SURVIVORS INSURANCE—EMPLOYEE ACCOUNTS ESTABLISHED, WORKERS WITH WAGE CREDITS, AND AMOUNT OF TAXABLE WAGES; ALL WORKERS EMPLOYED IN COVERED INDUSTRIES AND AMOUNT OF TOTAL WAGES: 1937 TO 1946

[Data corrected to December 1, 1947]

PERIOD	Employee accounts established (thousands) <sup>1</sup>	Workers with wage credits during period (thousands) <sup>2</sup>	TAXABLE WAGES <sup>3</sup>		All workers employed in covered industries during period (thousands) <sup>4</sup>	TOTAL WAGES IN COVERED INDUSTRIES <sup>5</sup>	
			Total (millions)	Average per worker		Total (millions)	Average per worker
Calendar year:							
1937.....	<sup>6</sup> 37, 139	32, 904	\$29, 615	\$900	32, 904	\$32, 770	\$996
1938.....	6, 304	31, 822	26, 502	833	31, 822	29, 026	912
1939.....	5, 555	33, 751	29, 745	881	33, 751	32, 222	955
1940.....	5, 227	35, 393	32, 974	932	35, 393	35, 668	1, 008
1941.....	6, 678	40, 976	41, 848	1, 021	40, 976	45, 463	1, 110
1942.....	7, 638	46, 363	52, 939	1, 142	46, 363	58, 219	1, 256
1943.....	7, 426	47, 656	62, 423	1, 310	47, 656	69, 653	1, 462
1944.....	4, 537	46, 296	64, 426	1, 392	46, 296	73, 349	1, 584
1945.....	3, 321	46, 392	62, 945	1, 357	46, 392	71, 560	1, 543
1946.....	3, 022	<sup>7</sup> 49, 500	<sup>7</sup> 69, 135	<sup>7</sup> 1, 397	<sup>7</sup> 49, 500	<sup>7</sup> 79, 330	<sup>7</sup> 1, 603
1945							
January-March.....	771	35, 855	17, 874	499	35, 855	18, 262	509
April-June.....	973	35, 854	17, 541	489	35, 949	18, 558	516
July-September.....	899	35, 684	14, 982	420	36, 285	17, 261	476
October-December....	679	33, 598	12, 548	373	35, 973	17, 478	486
1946							
January-March.....	591	<sup>7</sup> 36, 430	<sup>7</sup> 16, 840	<sup>7</sup> 462	<sup>7</sup> 36, 430	<sup>7</sup> 17, 420	<sup>7</sup> 478
April-June.....	770	<sup>7</sup> 38, 055	<sup>7</sup> 17, 845	<sup>7</sup> 469	<sup>7</sup> 38, 153	<sup>7</sup> 19, 090	<sup>7</sup> 500
July-September.....	966	<sup>7</sup> 39, 670	<sup>7</sup> 17, 750	<sup>7</sup> 447	<sup>7</sup> 40, 228	<sup>7</sup> 20, 220	<sup>7</sup> 503
October-December....	695	<sup>7</sup> 38, 000	<sup>7</sup> 16, 700	<sup>7</sup> 439	<sup>7</sup> 40, 300	<sup>7</sup> 22, 610	<sup>7</sup> 561

<sup>1</sup> Exclude numbers under railroad-retirement program.  
<sup>2</sup> Partly estimated; adjusted for workers having more than 1 account. Quarterly data unadjusted for workers employed during quarter but not reported after quarter in which they received their first \$3,000 in year.  
<sup>3</sup> Unadjusted for nontaxable wages erroneously reported and wages excluded in benefit computations. Wages in excess of \$3,000 a year paid to worker by any 1 employer are not taxable. Beginning 1940, all wages in excess of \$3,000 a year received by a worker are excluded in benefit computations.  
<sup>4</sup> Partly estimated; adjusted for workers having more than 1 account. Quarterly data adjusted for workers employed during quarter but not reported after quarter in which they received their first \$3,000 in year.  
<sup>5</sup> Adjusted to include all wages in covered industries of workers earning over \$3,000 a year.  
<sup>6</sup> Includes 17,202,000 accounts established in 1936.  
<sup>7</sup> Preliminary estimate.

Source: Federal Security Agency, Social Security Administration, Bureau of Old-Age and Survivors Insurance. Data appear periodically in Social Security Bulletin.

No. 271.—OLD-AGE AND SURVIVORS INSURANCE—AMOUNT OF PAYMENTS CERTIFIED: 1938 TO 1946

[In thousands. Data corrected to June 15, 1947]

TYPE	1938	1939	1940	1941	1942	1943	1944	1945	1946
Total payments.....	\$10, 478	\$13, 896	\$40, 595	\$93, 923	\$137, 045	\$172, 849	\$218, 097	\$287, 757	\$387, 691
Payments under 1939 and 1946 amendments:									
Monthly benefits, total <sup>1</sup> .....			28, 859	80, 595	122, 007	155, 019	195, 951	261, 622	360, 424
Primary.....			18, 140	46, 998	68, 320	82, 779	101, 285	133, 768	196, 078
Wife's.....			2, 392	7, 038	10, 645	13, 216	16, 454	21, 935	32, 011
Child's.....			4, 719	14, 671	23, 414	31, 939	41, 928	56, 077	69, 419
Widow's.....			541	2, 747	5, 784	9, 721	14, 517	20, 883	28, 642
Widow's current.....			2, 981	8, 865	13, 400	16, 759	21, 017	28, 005	33, 119
Parent's.....			85	277	445	605	751	954	1, 155
Lump-sum <sup>2</sup> .....			8, 905	13, 149	14, 959	17, 798	22, 124	26, 115	27, 251
Lump-sum payments under 1935 act <sup>3</sup> .....	10, 478	13, 896	2, 831	180	79	32	22	19	16

<sup>1</sup> Distribution by type estimated. Monthly benefits certified do not represent annual or monthly benefits in current-payment status. Data for 1941-46 include retroactive payments.  
<sup>2</sup> Payable with respect to workers who died after December 1939, if no survivor could be entitled to monthly benefits for months in which worker died.  
<sup>3</sup> Payable with respect to workers who died prior to January 1940; payable prior to Aug. 10, 1939, to workers upon attainment of age 65.

Source: Federal Security Agency, Social Security Administration, Bureau of Old-Age and Survivors Insurance.

# No. 272.—OLD-AGE AND SURVIVORS INSURANCE—NUMBER AND AMOUNT OF MONTHLY BENEFITS, BY TYPE: 1941 TO 1946

(Amounts in thousands. Data corrected to Mar. 15, 1947)

YEAR	Total	Primary	Wife's	Child's	Widow's	Widow's current	Parent's
<b>IN FORCE, END OF YEAR <sup>1</sup></b>							
<b>Number:</b>							
1941.....	483,579	231,319	63,873	123,164	15,162	48,076	1,994
1942.....	691,617	313,484	88,828	185,720	28,908	71,574	3,045
1943.....	885,393	379,268	109,350	250,991	46,876	95,195	4,013
1944.....	1,116,572	400,408	135,436	323,934	69,043	122,725	5,028
1945.....	1,469,682	610,842	181,245	417,870	95,423	157,999	6,303
1946.....	1,868,358	822,113	245,733	491,213	129,200	172,551	7,488
<b>Amount:</b>							
1941.....	\$8,786	\$5,248	\$772	\$1,497	\$307	\$936	\$26
1942.....	12,574	7,199	1,086	2,268	584	1,399	40
1943.....	16,143	8,833	1,355	3,081	945	1,877	53
1944.....	20,445	10,855	1,696	4,005	1,392	2,431	66
1945.....	27,394	14,744	2,314	5,194	1,926	3,133	82
1946.....	35,783	20,230	3,194	6,168	2,512	3,463	98
<b>CURRENT-PAYMENT STATUS, END OF YEAR <sup>2</sup></b>							
<b>Number:</b>							
1941.....	433,722	199,966	57,060	117,410	14,963	42,339	1,984
1942.....	598,342	260,129	76,634	172,505	28,631	67,435	3,006
1943.....	747,818	306,161	92,174	229,230	46,133	70,171	3,947
1944.....	954,861	378,471	115,636	298,108	67,806	89,927	4,933
1945.....	1,288,107	518,234	159,168	390,134	93,781	120,581	6,209
1946.....	1,642,299	701,705	215,964	461,756	127,046	128,410	7,398
<b>Amount:</b>							
1941.....	\$7,815	\$4,539	\$691	\$1,432	\$302	\$836	\$26
1942.....	10,782	5,969	941	2,112	577	1,124	39
1943.....	13,510	7,171	1,151	2,822	930	1,384	52
1944.....	17,344	8,980	1,460	3,691	1,367	1,781	65
1945.....	23,801	12,638	2,040	4,858	1,893	2,391	61
1946.....	31,081	17,230	2,805	5,804	2,568	2,577	97
<b>AWARDS DURING YEAR</b>							
<b>Number:</b>							
1941.....	269,296	114,660	35,213	75,619	11,020	30,502	1,272
1942.....	258,116	99,622	33,250	77,384	14,774	31,820	1,266
1943.....	262,865	89,070	31,916	85,619	19,576	35,420	1,264
1944.....	318,949	110,097	40,349	99,676	24,759	42,649	1,419
1945.....	462,463	185,174	63,086	127,814	29,844	55,108	1,765
1946.....	547,150	258,980	86,515	114,675	38,823	44,190	1,767
<b>Amount:</b>							
1941.....	\$4,790	\$2,605	\$436	\$919	\$222	\$591	\$16
1942.....	4,655	2,555	414	930	296	622	17
1943.....	4,778	2,183	409	1,070	394	705	17
1944.....	5,852	2,709	518	1,258	496	852	19
1945.....	8,805	4,660	822	1,614	602	1,094	23
1946.....	10,972	6,584	1,172	1,493	785	914	24
<b>ENTITLEMENTS TERMINATED DURING YEAR <sup>3</sup></b>							
<b>Number:</b>							
1941.....	30,949	11,489	5,256	9,156	407	4,548	111
1942.....	50,078	17,448	8,295	14,828	970	8,322	215
1943.....	69,089	23,298	11,394	20,649	1,606	11,799	296
1944.....	67,770	28,937	14,263	26,432	2,692	15,119	406
1945.....	109,353	34,740	17,269	33,578	3,464	19,634	478
1946.....	148,474	47,709	24,027	41,532	4,996	29,638	582
<b>Amount:</b>							
1941.....	\$539	\$264	\$64	\$113	\$6	\$68	\$1
1942.....	867	404	101	181	19	159	3
1943.....	1,209	549	140	255	33	228	4
1944.....	1,550	687	176	333	51	257	5
1945.....	1,858	790	204	425	68	392	6
1946.....	2,584	1,078	298	522	98	565	8

<sup>1</sup> Total benefits awarded after adjustment for terminations and subsequent changes in number and amount of benefits, cumulative beginning January 1940. Not adjusted for deductions.

<sup>2</sup> Benefit is subject to no deduction or any to deduction of fixed amount which is less than current month's benefit.

<sup>3</sup> Including net adjustments. Benefit is terminated when a beneficiary dies or loses entitlement to a benefit for some other reason. Adjustments result from operation of maximum and minimum provisions, recomputations, and from other administrative actions.

Source: Federal Security Agency, Social Security Administration, Bureau of Old-Age and Survivors Insurance; Social Security Yearbook, 1946. Data appear periodically in Social Security Bulletin.

**No. 273.—OLD-AGE AND SURVIVORS INSURANCE—NUMBER AND MONTHLY AMOUNT OF BENEFITS IN FORCE AND AMOUNT OF PAYMENTS CERTIFIED, BY STATE OF RESIDENCE OF BENEFICIARY: 1946**

[In thousands. Distribution by State estimated; data for persons now in foreign countries attributed generally to States in which claims were filed. Data corrected to Mar. 20, 1947]

STATE AND TERRITORY	BENEFITS IN FORCE, DEC. 31, 1946		PAYMENTS CERTIFIED				
	Number	Monthly amount	Total <sup>1</sup>	Monthly benefits <sup>2</sup>			Lump-sum payments <sup>3</sup>
				Primary	Supplementary	Survivor	
<b>Total.....</b>	<b>1,868.4</b>	<b>\$35,783</b>	<b>\$387,691</b>	<b>\$196,078</b>	<b>\$34,208</b>	<b>\$130,139</b>	<b>\$27,251</b>
Alabama.....	27.7	418	4,600	1,867	298	2,142	293
Arizona.....	6.0	108	1,137	473	72	512	80
Arkansas.....	12.5	182	1,975	870	140	828	137
California.....	131.5	2,698	26,860	14,675	2,494	7,661	2,030
Colorado.....	13.0	246	2,569	1,315	238	830	186
Connecticut.....	38.1	815	8,651	4,653	890	2,513	595
Delaware.....	5.0	100	1,014	537	111	310	56
District of Columbia.....	8.0	152	1,712	774	118	664	156
Florida.....	32.1	596	5,672	3,117	547	1,688	320
Georgia.....	26.6	392	4,256	1,635	256	2,026	339
Idaho.....	4.6	82	805	399	64	300	42
Illinois.....	122.6	2,490	26,908	13,488	2,470	8,704	2,246
Indiana.....	51.6	978	10,558	5,269	1,004	3,576	709
Iowa.....	23.7	414	4,410	2,244	472	1,406	288
Kansas.....	19.0	329	3,371	1,732	341	1,095	203
Kentucky.....	28.8	466	5,225	2,196	378	2,345	306
Louisiana.....	20.8	333	3,615	1,498	213	1,626	278
Maine.....	17.1	309	3,158	1,701	323	951	183
Maryland.....	26.2	488	5,404	2,487	430	2,041	446
Massachusetts.....	88.8	1,815	19,200	10,033	1,939	5,873	1,355
Michigan.....	85.2	1,731	18,387	8,455	1,647	6,877	1,408
Minnesota.....	28.1	543	5,873	3,013	552	1,903	405
Mississippi.....	10.4	143	1,505	557	85	759	104
Missouri.....	44.8	845	8,896	4,573	817	2,830	676
Montana.....	5.6	109	1,162	591	93	389	89
Nebraska.....	9.6	166	1,693	840	158	561	134
Nevada.....	1.5	31	328	163	20	105	40
New Hampshire.....	10.0	189	1,923	1,099	192	522	110
New Jersey.....	79.3	1,671	17,598	8,819	1,692	5,714	1,373
New Mexico.....	3.3	52	554	194	26	307	27
New York.....	236.7	4,736	58,171	34,005	4,718	15,596	3,852
North Carolina.....	31.3	453	5,049	1,838	300	2,560	351
North Dakota.....	2.3	39	411	193	32	155	31
Ohio.....	120.8	2,438	26,345	13,273	2,598	8,619	1,855
Oklahoma.....	15.9	274	2,858	1,267	203	1,211	177
Oregon.....	23.5	470	4,373	2,546	406	1,127	294
Pennsylvania.....	187.6	3,726	40,642	20,291	3,812	13,939	2,600
Rhode Island.....	17.4	359	3,815	2,242	411	922	240
South Carolina.....	16.0	223	2,464	850	133	1,296	185
South Dakota.....	3.1	54	595	263	55	233	44
Tennessee.....	26.1	402	4,327	1,664	266	2,088	309
Texas.....	51.9	840	9,156	3,655	600	4,161	740
Utah.....	6.8	121	1,255	508	105	572	70
Vermont.....	5.6	102	1,046	538	107	345	56
Virginia.....	29.8	486	5,291	2,140	356	2,425	370
Washington.....	35.2	730	7,145	4,195	684	1,782	484
West Virginia.....	27.8	484	5,460	2,121	344	2,703	292
Wisconsin.....	41.9	830	8,949	4,573	931	2,833	612
Wyoming.....	2.1	39	413	213	28	146	26
Alaska.....	.5	10	105	58	4	29	14
Hawaii.....	4.5	76	787	378	35	339	35

<sup>1</sup> Includes \$16,000 certified in lump-sum payments under 1935 act; distribution by State not available. See footnote 3, table 271.

<sup>2</sup> Includes retroactive payments. Distribution by type estimated. Supplementary benefits are paid to entitled wives and children of retired (primary) beneficiaries. Survivor benefits are paid to the following survivors of deceased insured workers—aged widows, children, and younger widows with child beneficiaries in their care—or to dependent aged parents.

<sup>3</sup> Payments under 1939 and 1946 amendments. See footnote 2, table 271.

Source: Federal Security Agency, Social Security Administration, Bureau of Old-Age and Survivors Insurance; Social Security Yearbook, 1946.

**No. 274.—OLD-AGE AND SURVIVORS INSURANCE—ESTIMATED AVERAGE WAGE CREDITS AND PERCENTAGE DISTRIBUTION OF WORKERS WITH WAGE CREDITS BY SPECIFIED CHARACTERISTIC: 1943, 1944, AND 1945**

[Data corrected to Dec. 1, 1947]

CHARACTERISTIC	1943	1944	1945	CHARACTERISTIC	1943	1944	1945
<b>AVERAGE WAGE CREDITS<sup>1</sup></b>				<b>PERCENTAGE DISTRIBUTION OF WORKERS—continued</b>			
Total.....	\$1,389	\$1,369	\$1,334	Age group <sup>2</sup> .....	100.0	100.0	100.0
White <sup>3</sup> .....	1,342	1,422	1,384	Under 20.....	15.2	14.9	13.5
Negro.....	763	873	893	20-24.....	13.3	12.2	12.6
Male.....	1,581	1,681	1,605	25-29.....	12.1	11.4	11.9
White <sup>3</sup> .....	1,451	1,749	1,661	30-34.....	12.0	11.7	11.8
Negro.....	930	1,075	1,091	35-39.....	11.3	11.2	11.4
Female.....	787	887	808	40-44.....	9.8	10.4	10.1
White <sup>3</sup> .....	821	923	934	45-49.....	8.4	8.6	8.8
Negro.....	413	527	548	50-54.....	6.8	7.1	7.1
<b>PERCENTAGE DISTRIBUTION OF WORKERS</b>				55-59.....	5.2	5.5	5.6
Total.....	100.0	100.0	100.0	60-64.....	3.4	3.8	3.8
White <sup>3</sup> .....	90.8	90.3	90.3	65 and over.....	2.7	3.1	3.3
Negro.....	9.2	9.7	9.7	Amount of wage credits.....	100.0	100.0	100.0
Male.....	63.2	60.7	62.0	\$1-\$199.....	19.1	17.9	18.7
White <sup>3</sup> .....	57.0	54.8	55.9	\$200-\$399.....	9.8	8.9	9.9
Negro.....	6.2	6.1	6.1	\$400-\$599.....	7.1	6.6	7.0
Female.....	36.8	39.3	38.0	\$600-\$799.....	6.0	5.8	5.6
White <sup>3</sup> .....	33.8	35.7	34.5	\$800-\$999.....	5.8	5.2	5.1
Negro.....	2.0	2.6	2.5	\$1,000-\$1,199.....	5.6	5.2	5.2
				\$1,200-\$1,399.....	5.2	5.2	5.2
				\$1,400-\$1,599.....	4.7	4.8	5.0
				\$1,600-\$1,799.....	4.2	4.3	4.4
				\$1,800-\$1,999.....	4.0	4.1	4.2
				\$2,000-\$2,199.....	3.7	3.8	3.8
				\$2,200-\$2,399.....	3.5	3.5	3.4
				\$2,400-\$2,599.....	3.2	3.3	3.2
				\$2,600-\$2,799.....	2.9	3.1	3.0
				\$2,800-\$2,999.....	2.7	3.0	2.7
				\$3,000.....	12.5	15.5	13.5

<sup>1</sup> Wage credits exclude wages over \$3,000, since they are not used in benefit computations.

<sup>2</sup> Represents all races other than Negro. <sup>3</sup> Age at birthday in specified year.

Source: Federal Security Agency, Social Security Administration, Bureau of Old-Age and Survivors Insurance.

**No. 275.—OLD-AGE AND SURVIVORS INSURANCE—PERCENTAGE DISTRIBUTION OF WORKERS WITH WAGE CREDITS, BY AMOUNT OF SUCH WAGE CREDITS AND NUMBER OF QUARTERS WITH WAGE CREDITS: 1945**

AMOUNT OF WAGE CREDITS	WORKERS WITH WAGE CREDITS IN 1945				
	Total	With wage credits in —			
		1 quarter only	2 quarters only	3 quarters only	4 quarters
Estimated number, total (thousands).....	44,392	7,833	5,982	6,105	26,472
Percentage distribution, total.....	100.0	100.0	100.0	100.0	100.0
\$1-\$199.....	18.7	74.5	34.4	9.9	.7
\$200-\$399.....	9.9	17.1	27.3	17.2	2.1
\$400-\$599.....	7.0	5.5	15.9	16.1	2.3
\$600-\$799.....	5.6	1.7	9.3	13.2	4.2
\$800-\$999.....	5.1	.5	5.2	10.4	5.2
\$1,000-\$1,199.....	5.2	.2	3.1	8.6	6.4
\$1,200-\$1,399.....	5.2	.1	1.8	6.7	7.2
\$1,400-\$1,599.....	5.0	.1	1.1	5.1	7.3
\$1,600-\$1,799.....	4.4	(1)	.6	3.9	6.7
\$1,800-\$1,999.....	4.2	(1)	.4	3.1	6.5
\$2,000-\$2,199.....	3.8	(1)	.2	2.1	6.1
\$2,200-\$2,399.....	3.4	(1)	.2	1.4	5.6
\$2,400-\$2,599.....	3.2	(1)	.1	.9	5.4
\$2,600-\$2,799.....	3.0	(1)	.1	.6	5.0
\$2,800-\$2,999.....	2.7	(1)	.1	.5	4.6
\$3,000.....	12.5	.1	.1	.3	22.6

(1) Less than 0.05 percent.

Source: Federal Security Agency, Social Security Administration, Bureau of Old-Age and Survivors Insurance.



**No. 276.—OLD-AGE AND SURVIVORS INSURANCE—SAMPLE (1 PERCENT) OF WORKERS WITH WAGE CREDITS AT SOME TIME IN 1937-45, BY CUMULATIVE WAGE CREDITS IN 1937-45, INSURANCE STATUS JANUARY 1, 1946, AND AGE GROUP**

[1-percent sample of all workers with wage credits identified for posting by July 23, 1946; only partly adjusted for duplication of workers with more than 1 account. Includes workers who died during period 1937-45 and workers who became entitled to primary insurance benefits before January 1, 1946. Age represents age at birthday in 1945. Since data are derived from a sample they are subject to a sampling variation which may be large where figures shown are small. Because of mechanical processes and extent of adjustments for delayed wage records, data may differ slightly from corresponding data in other published tables. Data corrected to October 15, 1947]

CUMULATIVE WAGE CREDITS AND INSURANCE STATUS <sup>1</sup>	Total <sup>2</sup>	AGE GROUP							
		Under 20	20-24	25-34	35-44	45-54	55-59	60-64	65 and over
<b>Total, 1-percent sample</b> .....	<b>755, 161</b>	<b>78, 413</b>	<b>113, 139</b>	<b>204, 610</b>	<b>148, 503</b>	<b>106, 008</b>	<b>38, 337</b>	<b>27, 665</b>	<b>31, 842</b>
\$1-\$99.....	78, 529	15, 720	12, 041	18, 058	10, 783	8, 214	3, 073	2, 362	3, 470
\$100-\$299.....	66, 576	16, 043	12, 578	15, 204	9, 038	6, 457	2, 322	1, 854	2, 472
\$300-\$599.....	60, 862	13, 877	12, 848	14, 264	8, 109	5, 658	2, 114	1, 517	2, 243
\$600-\$899.....	43, 156	8, 806	9, 736	10, 581	5, 685	4, 093	1, 445	1, 124	1, 550
\$900-\$1,999.....	102, 150	15, 345	23, 866	27, 639	14, 629	9, 927	3, 689	2, 777	4, 022
\$2,000-\$2,699.....	43, 916	4, 121	10, 030	13, 298	6, 825	4, 599	1, 723	1, 331	1, 887
\$2,700-\$5,399.....	112, 467	4, 238	21, 684	37, 656	20, 877	14, 093	5, 029	3, 765	4, 880
\$5,400-\$8,099.....	68, 163	244	7, 722	24, 017	15, 897	10, 288	3, 745	2, 890	3, 230
\$8,100-\$10,799.....	46, 998	11	2, 066	16, 021	12, 804	8, 521	3, 023	2, 271	2, 229
\$10,800-\$13,499.....	34, 959	3	488	10, 682	10, 629	7, 072	2, 518	1, 846	1, 687
\$13,500-\$16,199.....	28, 804	3	72	7, 594	9, 320	6, 448	2, 457	1, 579	1, 312
\$16,200-\$21,599.....	44, 419	1	7	8, 411	15, 951	11, 635	4, 135	2, 521	1, 740
\$21,600-\$26,999.....	19, 274	1	1	1, 149	6, 874	6, 953	2, 245	1, 289	761
\$27,000 and over.....	4, 888	( <sup>3</sup> )	( <sup>3</sup> )	36	1, 082	2, 050	819	539	359
<b>Fully insured</b> .....	<b>346, 326</b>	<b>21, 577</b>	<b>59, 351</b>	<b>93, 027</b>	<b>71, 725</b>	<b>51, 164</b>	<b>18, 399</b>	<b>12, 708</b>	<b>18, 115</b>
\$300-\$599.....	587	270	202	7	1	2	3	( <sup>3</sup> )	101
\$600-\$899.....	4, 267	2, 152	1, 751	61	7	9	10	3	274
\$900-\$1,999.....	32, 175	10, 797	16, 047	3, 041	162	144	100	88	1, 787
\$2,000-\$2,699.....	19, 919	3, 918	9, 467	4, 185	489	336	167	139	1, 209
\$2,700-\$5,399.....	65, 656	4, 177	21, 531	22, 796	6, 582	4, 094	1, 463	1, 164	3, 792
\$5,400-\$8,099.....	51, 899	244	7, 720	20, 342	10, 465	6, 111	2, 214	1, 785	2, 945
\$8,100-\$10,799.....	40, 912	11	2, 065	14, 891	10, 681	6, 775	2, 426	1, 862	2, 162
\$10,800-\$13,499.....	33, 674	3	488	10, 520	10, 156	6, 649	2, 390	1, 755	1, 680
\$13,500-\$16,199.....	28, 726	3	72	7, 589	9, 295	6, 429	2, 436	1, 574	1, 310
\$16,200-\$21,599.....	44, 371	1	7	8, 410	15, 939	11, 618	4, 127	2, 514	1, 738
\$21,600-\$26,999.....	19, 262	1	1	1, 149	6, 872	6, 949	2, 244	1, 286	759
\$27,000 and over.....	4, 878	( <sup>3</sup> )	( <sup>3</sup> )	36	1, 076	2, 048	819	538	358
<b>Currently insured only</b> .....	<b>69, 898</b>	<b>(<sup>4</sup>)</b>	<b>92</b>	<b>17, 628</b>	<b>21, 882</b>	<b>17, 441</b>	<b>6, 349</b>	<b>4, 621</b>	<b>1, 707</b>
\$300-\$599.....	104	( <sup>4</sup> )	1	31	26	26	9	7	4
\$600-\$899.....	972	( <sup>4</sup> )	14	267	263	235	86	69	38
\$900-\$1,999.....	12, 212	( <sup>4</sup> )	51	3, 710	3, 518	2, 712	1, 029	739	419
\$2,000-\$2,699.....	9, 598	( <sup>4</sup> )	13	2, 800	2, 812	2, 202	829	603	311
\$2,700-\$5,399.....	27, 912	( <sup>4</sup> )	13	7, 002	8, 813	6, 967	2, 516	1, 863	668
\$5,400-\$8,099.....	12, 641	( <sup>4</sup> )	( <sup>3</sup> )	2, 649	4, 160	3, 418	1, 253	917	209
\$8,100-\$10,799.....	5, 306	( <sup>4</sup> )	( <sup>3</sup> )	1, 015	1, 860	1, 507	514	347	52
\$10,800 and over.....	1, 153	( <sup>4</sup> )	( <sup>3</sup> )	154	430	374	113	76	6
<b>Uninsured</b> .....	<b>338, 937</b>	<b>56, 836</b>	<b>53, 696</b>	<b>93, 955</b>	<b>54, 896</b>	<b>37, 403</b>	<b>13, 589</b>	<b>10, 336</b>	<b>12, 020</b>
\$1-\$99.....	78, 524	15, 719	12, 041	18, 058	10, 782	8, 213	3, 072	2, 362	3, 469
\$100-\$299.....	66, 567	16, 041	12, 577	15, 204	9, 038	6, 457	2, 321	1, 854	2, 468
\$300-\$599.....	60, 185	13, 610	12, 646	14, 226	8, 083	5, 631	2, 104	1, 510	2, 143
\$600-\$899.....	37, 917	6, 654	7, 971	10, 253	5, 415	3, 849	1, 349	1, 052	1, 238
\$900-\$1,999.....	57, 763	4, 548	7, 768	20, 888	10, 949	7, 071	2, 560	1, 950	1, 816
\$2,000-\$2,699.....	14, 399	203	550	6, 313	3, 524	2, 061	727	589	367
\$2,700-\$5,399.....	18, 899	61	140	7, 858	5, 482	3, 032	1, 050	738	420
\$5,400-\$8,099.....	3, 623	( <sup>3</sup> )	2	1, 026	1, 272	759	278	188	76
\$8,100-\$10,799.....	780	( <sup>3</sup> )	1	114	264	239	83	62	15
\$10,800 and over.....	280	( <sup>3</sup> )	( <sup>3</sup> )	15	87	91	45	31	8

<sup>1</sup> A worker who is fully insured as of a given date (in this table, Jan. 1, 1946) is one who has had at least 6 calendar quarters of coverage and not less than 1 such quarter for each 2 calendar quarters elapsed after 1936 or after quarter in which he attained age 21, whichever is later, and up to but excluding quarter in which he died, attained age 65, or given date, whichever first occurred. A worker who is currently insured as of a given date is one who has had 6 quarters of coverage in the 12 quarters immediately preceding that date nor quarter in which he died. Uninsured workers are those who have some wage credits but are neither fully or currently insured as of given date. A quarter of coverage is a calendar quarter in which the worker has been paid not less than \$50 in taxable wages.

<sup>2</sup> Total includes 6,644 of unknown age not shown separately, of whom 200 were fully insured, 178 currently insured only, and 6,206 uninsured.

<sup>3</sup> No workers in sample cell.

<sup>4</sup> Inapplicable under provisions of the Social Security Act.

**No. 277.—UNEMPLOYMENT INSURANCE—WORKERS WITH WAGE CREDITS, AVERAGE EMPLOYMENT, AND TOTAL WAGES IN EMPLOYMENT COVERED BY STATE UNEMPLOYMENT INSURANCE LAWS, BY STATES AND TERRITORIES: 1945 AND 1946**

[In thousands. Data corrected to December 15, 1947]

STATE AND TERRITORY	1946 minimum coverage provisions for size of firm <sup>1</sup>	WORKERS WITH WAGE CREDITS <sup>2</sup>		AVERAGE EMPLOYMENT <sup>3</sup>		WAGES <sup>4</sup>	
		1945	1946	1945	1946	1945	1946
<b>Total.....</b>		<b>42,500</b>	<b>45,800</b>	<b>28,409</b>	<b>30,212</b>	<b>\$66,640,988</b>	<b>\$73,358,713</b>
Alabama.....	8 in 20 weeks.....	714	681	387	380	708,378	712,398
Arizona.....	3 in 20 weeks.....	195	213	84	88	183,934	208,511
Arkansas.....	1 in 10 days.....	380	395	191	197	314,511	322,544
California.....	1 at any time <sup>5</sup> .....	3,900	4,224	2,051	2,323	5,641,907	6,483,552
Colorado.....	8 in 20 weeks.....	311	360	159	175	334,151	392,951
Connecticut.....	4 in 13 weeks.....	820	900	567	593	1,466,828	1,548,829
Delaware.....	1 in 20 weeks.....	145	160	77	83	180,340	205,413
District of Columbia.....	1 at any time.....	848	369	189	210	391,068	487,206
Florida.....	8 in 20 weeks <sup>6</sup> .....	710	782	322	355	627,116	736,822
Georgia.....	8 in 20 weeks.....	830	872	461	486	786,498	803,670
Idaho.....	1 at any time <sup>7</sup> .....	156	199	67	77	127,079	158,738
Illinois.....	6 in 20 weeks.....	3,450	3,550	2,096	2,232	5,285,114	5,919,233
Indiana.....	8 in 20 weeks.....	1,300	1,295	790	803	1,928,086	1,954,564
Iowa.....	8 in 15 weeks.....	503	525	289	310	563,257	647,718
Kansas.....	8 in 20 weeks <sup>8</sup> .....	435	407	225	209	507,797	462,302
Kentucky.....	4 in 3 quarters <sup>9</sup> .....	550	537	315	333	612,290	686,858
Louisiana.....	4 in 20 weeks.....	680	717	369	380	713,442	758,251
Maine.....	8 in 20 weeks.....	270	270	156	167	326,107	355,459
Maryland.....	1 at any time.....	813	870	498	521	1,115,581	1,154,545
Massachusetts.....	1 in 20 weeks.....	1,812	2,130	1,319	1,414	2,878,876	3,253,478
Michigan.....	8 in 20 weeks.....	2,034	2,254	1,372	1,431	3,806,160	3,978,146
Minnesota.....	1 in 20 weeks <sup>10</sup> .....	740	803	466	503	983,799	1,110,116
Mississippi.....	8 in 20 weeks.....	329	346	152	168	237,341	279,586
Missouri.....	do.....	1,211	1,201	705	722	1,498,132	1,628,485
Montana.....	1 in 20 weeks <sup>11</sup> .....	175	181	72	83	140,582	173,051
Nebraska.....	8 in 20 weeks <sup>12</sup> .....	263	278	140	144	285,285	304,955
Nevada.....	1 at any time <sup>13</sup> .....	64	99	29	37	69,594	96,553
New Hampshire.....	4 in 20 weeks.....	150	200	109	126	199,342	255,701
New Jersey.....	4 in 20 weeks <sup>14</sup> .....	1,790	1,881	1,138	1,222	2,995,287	3,243,368
New Mexico.....	2 in 13 weeks <sup>15</sup> .....	130	176	59	72	110,229	144,856
New York.....	4 in 15 days.....	5,766	6,000	3,800	4,087	9,923,603	11,409,780
North Carolina.....	8 in 20 weeks.....	870	1,000	526	585	851,297	1,053,702
North Dakota.....	do.....	66	77	30	35	53,532	70,909
Ohio.....	3 in 1 day.....	3,045	3,208	1,914	2,017	4,842,255	5,077,503
Oklahoma.....	8 in 20 weeks.....	495	504	244	238	527,767	536,054
Oregon.....	4 in 1 day <sup>16</sup> .....	555	530	285	284	703,891	708,826
Pennsylvania.....	1 at any time.....	3,824	4,240	2,635	2,827	5,916,605	6,491,566
Rhode Island.....	4 in 20 weeks.....	309	347	215	231	481,743	530,001
South Carolina.....	8 in 20 weeks.....	444	491	249	279	373,531	473,029
South Dakota.....	do.....	75	85	38	43	65,134	83,864
Tennessee.....	do.....	867	769	470	462	925,213	908,393
Texas.....	do.....	1,800	2,025	964	1,016	2,024,238	2,211,474
Utah.....	1 at any time <sup>17</sup> .....	185	205	97	106	198,094	229,070
Vermont.....	8 in 20 weeks.....	98	106	55	61	108,052	127,932
Virginia.....	do.....	766	960	417	449	793,654	903,413
Washington.....	1 at any time.....	999	858	504	480	1,250,580	1,196,141
West Virginia.....	8 in 20 weeks.....	500	559	329	347	751,943	833,306
Wisconsin.....	6 in 18 weeks <sup>18</sup> .....	1,020	1,056	647	668	1,514,718	1,598,112
Wyoming.....	1 at any time <sup>19</sup> .....	85	103	40	46	86,162	100,902
Alaska.....	do <sup>20</sup> .....	48	43	16	18	52,437	53,723
Hawaii.....	do.....	120	154	79	86	178,428	203,154

<sup>1</sup> Employer becomes subject to State unemployment insurance law when he has employed specified minimum number of workers on at least 1 day in each of specified number of weeks within current or preceding calendar year; coverage provisions shown are for 1946.

<sup>2</sup> Estimated number of different workers in each State who have earned wages in covered employment sometime during calendar year. Totals adjusted to eliminate duplication due to shifting of workers between States during year.

<sup>3</sup> Average of 12 monthly figures each of which is total of number of workers in covered employment in pay period of each type (weekly, semimonthly, etc.) ending nearest 15th of month.

<sup>4</sup> Total wages in covered employment for all pay periods ending in year.

<sup>5</sup> And wages of \$100 in a calendar quarter. Prior to 1946, 4 in 20 weeks, or 4 in 1 day and wages of \$3,000 in a calendar quarter.

<sup>6</sup> Or wages of \$5,000 in a calendar quarter of the current or preceding calendar year.

<sup>7</sup> And wages of \$78 in a calendar quarter. <sup>8</sup> Or 25 in 1 week, effective April 1, 1945.

<sup>9</sup> Wages of at least \$50 to each of at least 4 workers during each of 3 calendar quarters.

<sup>10</sup> But 8 in 20 weeks for employers located outside the corporate limits of a city, village, or borough of 10,000 or more population.

<sup>11</sup> Or wages of \$500 in a calendar year. <sup>12</sup> Or, effective January 1, 1946, wages of \$10,000 in a calendar year.

<sup>13</sup> And wages of \$225 in a calendar quarter. <sup>14</sup> Prior to 1946, 8 in 20 weeks.

<sup>15</sup> Or wages of \$450 in a calendar quarter. <sup>16</sup> And wages of \$500 in same calendar quarter.

<sup>17</sup> And wages of \$140 in a calendar quarter.

<sup>18</sup> Or wages of \$6,000 in preceding calendar year. Includes employers with wages of \$10,000 in a calendar quarter toward which not more than \$1,000 per employee need be counted after July 1, 1945.

<sup>19</sup> And wages of \$500 in a calendar year. Prior to April 1, 1945, 1 in 20 weeks and wages of \$150 in a calendar quarter.

<sup>20</sup> Changed from 8 in 20 weeks, effective July 1, 1945.

Source: Federal Security Agency, Social Security Administration, Bureau of Employment Security.

**No. 278.—UNEMPLOYMENT INSURANCE—AVERAGE EMPLOYMENT AND TOTAL WAGES  
IN EMPLOYMENT COVERED BY STATE UNEMPLOYMENT INSURANCE LAWS, BY MAJOR  
INDUSTRY GROUP: 1945**

[In thousands. Data corrected to December 15, 1947]

INDUSTRY DIVISION AND MAJOR INDUSTRY GROUP	AVERAGE EMPLOYMENT		WAGES	
	Number of workers <sup>1</sup>	Percent of total, all industries	Amount <sup>2</sup>	Percent of total, all industries
<b>Total, all industries.....</b>	<b>28, 409</b>	<b>100. 0</b>	<b>\$66, 640, 988</b>	<b>100. 0</b>
<b>Mining, total.....</b>	<b>806</b>	<b>2. 8</b>	<b>2, 132, 253</b>	<b>3. 2</b>
Metal mining.....	88	. 3	226, 316	. 3
Anthracite mining.....	73	. 3	195, 928	. 3
Bituminous and other soft-coal mining.....	384	1. 4	1, 013, 781	1. 5
Crude-petroleum and natural-gas production.....	191	. 7	539, 867	. 8
Nonmetallic mining and quarrying.....	70	. 2	156, 361	. 2
<b>Contract construction, total.....</b>	<b>992</b>	<b>3. 5</b>	<b>2, 692, 566</b>	<b>4. 0</b>
Building construction—general contractors.....	342	1. 2	885, 534	1. 3
General contractors, other than building.....	227	. 8	633, 934	1. 0
Construction—special-trade contractors.....	423	1. 5	1, 173, 098	1. 8
<b>Manufacturing, total.....</b>	<b>15, 029</b>	<b>52. 9</b>	<b>37, 949, 095</b>	<b>56. 9</b>
Ordnance and accessories.....	494	1. 7	1, 372, 759	2. 1
Food and kindred products.....	1, 421	5. 0	3, 097, 227	4. 6
Tobacco manufactures.....	101	. 4	169, 364	. 3
Textile-mill products.....	1, 162	4. 1	2, 105, 381	3. 2
Apparel and other finished products made from fabrics and similar materials.....	1, 009	3. 6	1, 964, 329	2. 9
Lumber and timber basic products.....	484	1. 7	808, 670	1. 2
Furniture and finished lumber products.....	394	1. 4	783, 808	1. 2
Paper and allied products.....	393	1. 4	929, 730	1. 4
Printing, publishing, and allied industries.....	539	1. 9	1, 415, 339	2. 1
Chemicals and allied products.....	769	2. 7	2, 059, 200	3. 1
Products of petroleum and coal.....	207	. 7	640, 438	1. 0
Rubber products.....	234	. 8	637, 564	1. 0
Leather and leather products.....	354	1. 2	697, 962	1. 0
Stone, clay, and glass products.....	375	1. 3	846, 615	1. 3
Iron and steel and their products.....	1, 573	5. 5	4, 399, 570	6. 6
Transportation equipment (except automobiles).....	2, 041	7. 2	6, 481, 641	9. 7
Nonferrous metals and their products.....	452	1. 6	1, 236, 341	1. 9
Electrical machinery.....	923	3. 2	2, 384, 151	3. 6
Machinery (except electrical).....	1, 316	4. 6	3, 858, 098	5. 8
Automobiles and automobile equipment.....	308	1. 1	912, 011	1. 4
Miscellaneous manufacturing industries.....	479	1. 7	1, 148, 897	1. 7
<b>Transportation,<sup>3</sup> communication, and other public utilities,   total.....</b>	<b>1, 944</b>	<b>6. 8</b>	<b>4, 601, 630</b>	<b>6. 9</b>
Local railways and bus lines.....	172	. 6	452, 916	. 7
Trucking and warehousing for hire.....	421	1. 5	920, 077	1. 4
Other transportation, except water transportation.....	233	. 8	567, 677	. 9
Water transportation.....	66	. 2	188, 467	. 3
Services allied to transportation, not elsewhere classified.....	184	. 6	401, 266	. 6
Communication: Telephone, telegraph, and related services.....	492	1. 7	1, 103, 456	1. 7
Utilities: Electric and gas.....	358	1. 3	932, 000	1. 4
Local utilities and local public services, not elsewhere classified.....	18	. 1	35, 771	. 1

See footnotes at end of table.

No. 278.—UNEMPLOYMENT INSURANCE—AVERAGE EMPLOYMENT AND TOTAL WAGES  
IN EMPLOYMENT COVERED BY STATE UNEMPLOYMENT INSURANCE LAWS, BY MAJOR  
INDUSTRY GROUP: 1945—Continued

[In thousands]

INDUSTRY DIVISION AND MAJOR INDUSTRY GROUP	AVERAGE EMPLOYMENT		WAGES	
	Number of workers <sup>1</sup>	Percent of total, all industries	Amount <sup>2</sup>	Percent of total, all industries
Wholesale and retail trade, total.....	6, 182	21. 8	\$12, 195, 921	18. 3
Full-service and limited-function wholesalers.....	916	3. 2	2, 386, 853	3. 6
Wholesale distributors, other than full-service and limited- function wholesalers.....	740	2. 6	2, 138, 010	3. 2
Wholesale and retail trade combined, not elsewhere classi- fied.....	265	. 9	593, 192	. 9
Retail general merchandise.....	1, 148	4. 0	1, 629, 281	2. 4
Retail food and liquor stores.....	714	2. 5	1, 255, 749	1. 9
Retail automotive.....	266	. 9	643, 276	1. 0
Retail apparel and accessories.....	430	1. 5	776, 572	1. 2
Retail trade, not elsewhere classified.....	681	2. 4	1, 282, 011	1. 9
Eating and drinking places.....	950	3. 3	1, 363, 502	2. 0
Retail filling stations.....	73	. 3	127, 475	. 2
Finance, insurance, and real estate, total.....	1, 127	4. 0	2, 686, 776	4. 0
Banks and trust companies.....	300	1. 1	708, 440	1. 1
Security dealers and investment banking.....	47	. 2	209, 688	. 3
Finance agencies, not elsewhere classified.....	61	. 2	147, 157	. 2
Insurance carriers.....	339	1. 2	866, 813	1. 3
Insurance agents, brokers, and services.....	58	. 2	146, 434	. 2
Real estate.....	282	1. 0	458, 275	. 7
Real estate, insurance, loans, law offices: Any combination.....	30	. 1	74, 584	. 1
Holding companies, except real estate holding companies.....	10	( <sup>4</sup> )	45, 385	. 1
Service industries, total.....	2, 271	8. 0	4, 269, 520	6. 4
Hotels, rooming houses, camps, and other lodging places.....	400	1. 4	550, 933	. 8
Personal services.....	598	2. 1	937, 522	1. 4
Business services, not elsewhere classified.....	290	1. 0	770, 306	1. 2
Employment agencies and commercial and trade schools.....	21	. 1	48, 035	. 1
Automobile repair services and garages.....	92	. 3	193, 798	. 3
Miscellaneous repair services and hand trades.....	70	. 2	177, 853	. 3
Motion pictures.....	226	. 8	537, 767	. 8
Amusement and recreation and related services, not else- where classified.....	204	. 7	308, 626	. 5
Medical and other health services.....	104	. 4	169, 246	. 3
Law offices and related services.....	34	. 1	79, 758	. 1
Educational institutions and agencies.....	14	( <sup>4</sup> )	21, 842	( <sup>4</sup> )
Other professional and social-service agencies and institu- tions.....	58	. 2	196, 076	. 3
Nonprofit membership organizations.....	139	. 5	246, 303	. 4
Private households.....	14	. 1	23, 410	( <sup>4</sup> )
Regular governmental establishments.....	6	( <sup>4</sup> )	8, 045	( <sup>4</sup> )
Miscellaneous <sup>3</sup> .....	58	. 2	113, 227	. 2

<sup>1</sup> Average of 12 monthly figures, each of which is a total of the numbers of workers in covered employment in the pay period of each type (weekly, semimonthly, etc.) ending nearest the fifteenth of the month.  
<sup>2</sup> Total wages in covered employment for all pay periods ending in a year.  
<sup>3</sup> Excludes railroad and allied groups subject, as of July 1, 1939, to Railroad Unemployment Insurance Act.  
<sup>4</sup> Less than 0.05 percent of total.  
<sup>5</sup> Includes agriculture, forestry, fishing, and establishments not elsewhere classified.

Source: Federal Security Agency, Social Security Administration, Bureau of Employment Security.

**No. 279.—UNEMPLOYMENT INSURANCE—NUMBER OF INITIAL AND CONTINUED CLAIMS RECEIVED, NUMBER OF WEEKS OF UNEMPLOYMENT COMPENSATED, AMOUNT OF BENEFIT PAYMENTS, AND AMOUNT OF FEDERAL GRANTS FOR ADMINISTRATION, BY STATES AND TERRITORIES: 1946**

[In thousands. Corrected to Dec. 15, 1947]

STATE AND TERRITORY	CLAIMS RECEIVED IN LOCAL OFFICES		WEEKS COM- PENSATED		AMOUNT OF BENEFIT PAYMENTS <sup>1</sup>			FEDERAL GRANTS FOR ADMINISTRA- TION <sup>2</sup>	
	Initial	Con- tinued	All un- employ- ment <sup>3</sup>	Total unem- poyment	All unem- poyment	Total un- employ- ment	Interstate payments as liable State <sup>4</sup>	July 1945- June 1946	July 1946- June 1947
<b>Total</b>	<b>9,529</b>	<b>67,333</b>	<b>69,809</b>	<b>67,974</b>	<b>\$1,096,099</b>	<b>\$1,072,654</b>	<b>\$23,886</b>	<b>\$86,059</b>	<b>\$ 567,597</b>
Alabama	117	888	808	870	14,763	14,408	1,343	658	709
Arizona	29	170	94	93	1,350	1,335	283	222	257
Arkansas	78	717	207	803	3,803	3,823	341	435	506
California	1,109	8,437	8,208	7,913	154,799	150,691	19,053	5,536	6,878
Colorado	32	169	94	92	1,297	1,271	198	186	208
Connecticut	153	666	339	920	19,640	19,393	2,421	1,035	923
Delaware	19	131	112	108	1,791	1,753	267	165	136
District of Columbia	14	123	109	98	1,709	1,684	386	298	363
Florida	96	650	376	364	5,204	5,098	825	426	499
Georgia	75	508	428	423	6,484	6,428	622	631	657
Idaho	15	106	49	48	749	737	76	176	233
Illinois	724	4,848	4,239	4,063	77,703	75,843	4,808	3,464	3,394
Indiana	264	1,292	1,214	1,176	23,320	21,931	8,634	1,204	963
Iowa	55	395	280	269	4,343	4,306	235	306	354
Kansas	73	617	610	569	9,092	8,892	2,733	474	498
Kentucky	103	979	535	526	6,428	6,380	399	469	471
Louisiana	120	802	782	743	12,075	11,712	911	725	853
Maine	50	402	354	323	5,487	5,130	163	259	286
Maryland	167	1,027	1,260	1,212	23,483	22,966	5,035	734	906
Massachusetts	348	2,515	2,091	2,020	42,857	42,137	956	2,341	2,619
Michigan	717	4,096	3,875	3,747	78,808	76,346	5,043	3,670	3,166
Minnesota	84	463	587	565	9,676	9,441	387	793	606
Mississippi	37	293	185	136	1,708	1,650	203	273	336
Missouri	308	1,978	1,291	1,267	20,968	20,779	1,598	979	1,001
Montana	21	161	82	82	1,090	1,090	76	157	209
Nebraska	25	161	131	124	2,090	2,012	296	181	176
Nevada	9	60	33	33	599	598	197	116	119
New Hampshire	24	93	60	57	795	769	88	172	200
New Jersey	436	4,072	3,906	3,820	78,898	77,913	3,540	3,110	2,774
New Mexico	10	68	19	19	259	256	88	128	157
New York	1,898	11,048	9,923	9,638	190,547	186,574	7,103	8,052	7,851
North Carolina	75	495	371	360	4,339	4,302	439	685	803
North Dakota	6	49	15	13	243	219	32	87	92
Ohio	290	3,463	2,809	2,785	52,408	51,579	3,996	2,836	2,472
Oklahoma	97	697	618	600	10,234	10,021	934	439	515
Oregon	124	993	993	971	16,670	16,385	2,997	691	757
Pennsylvania	1,056	8,208	5,259	5,211	95,188	94,689	2,022	4,471	5,182
Rhode Island	75	687	647	600	10,875	10,415	750	281	349
South Carolina	37	207	123	120	1,721	1,693	111	296	350
South Dakota	6	45	14	12	196	169	11	73	68
Tennessee	119	1,177	944	933	12,569	12,470	2,120	777	747
Texas	167	945	950	921	14,084	14,401	1,530	1,263	1,551
Utah	33	223	177	168	4,062	3,924	293	249	288
Vermont	9	69	49	46	801	776	85	125	145
Virginia	75	507	437	425	5,809	5,510	647	439	473
Washington	240	2,149	2,234	2,198	46,871	46,040	8,901	1,236	1,449
West Virginia	127	907	632	543	10,030	8,660	549	482	577
Wisconsin	83	676	450	418	7,788	7,379	544	710	601
Wyoming	5	34	16	15	299	286	112	106	130
Alaska	2	10	27	27	434	428	303	69	111
Hawaii	3	10	9	7	168	152	77	82	115

<sup>1</sup> Benefits for other than total unemployment are not provided by State law in Montana.

<sup>2</sup> Unadjusted for voided benefit checks.

<sup>3</sup> Liable State is one to which a claim has been forwarded by agent State for disposition.

<sup>4</sup> Advances for unemployment insurance administration certified to State agencies during fiscal year, including amounts reimbursed to War Manpower Commission and Department of Labor for services and facilities provided to State agencies by U. S. Employment Service. Excludes amounts for services and facilities furnished to USES by State agencies, as well as unencumbered balances reallocated to State agencies. Totals include, but State figures exclude, expenses for postage.

<sup>5</sup> Due to the return of employment service to the States on November 16, 1946, includes amounts reimbursed to the Department of Labor for services and facilities provided to State agencies by USES for period July 1-November 15, 1946.

<sup>6</sup> Claims filed for biweekly instead of weekly periods.

Source: Federal Security Agency, Social Security Administration, Bureau of Employment Security. Data appear periodically in Social Security Bulletin.



# No. 280.—UNEMPLOYMENT INSURANCE—CONTRIBUTIONS COLLECTED AND BENEFITS PAID UNDER STATE LAWS, BY STATES AND TERRITORIES: 1945 AND 1946

[In thousands of dollars; corrected to December 15, 1947]

STATE AND TERRITORY	Month and year benefits first payable	Funds available for benefits as of Dec. 31, 1944 <sup>1</sup>	CONTRIBUTIONS COLLECTED <sup>2</sup>		BENEFITS PAID <sup>3</sup>		RATIO (PERCENT) OF BENEFITS TO COLLECTIONS		FUNDS AVAILABLE FOR BENEFITS AS OF —	
			1945	1946	1945	1946	1945	1946	Dec. 31, 1945	Dec. 31, 1946
<b>Total</b>		6,071,927	1,161,884	917,35	445,856	1,094,850	38.4	120.1	6,914,089	5,860,043
Alabama	Jan. 1938	59,820	9,547	5,920	6,515	14,749	68.2	249.1	63,879	55,155
Arizona	do	15,539	3,528	3,009	660	1,340	18.7	44.5	19,759	21,823
Arkansas	Jan. 1939	24,911	6,200	4,877	1,126	2,874	18.2	79.4	30,522	32,119
California	Jan. 1938	624,141	154,534	122,374	55,277	154,532	35.8	126.3	736,649	777,938
Colorado	Jan. 1939	30,349	5,190	4,970	192	1,294	3.7	26.0	35,981	40,384
Connecticut	Jan. 1938	155,213	28,412	25,860	14,850	19,584	52.3	75.7	171,985	181,604
Delaware	Jan. 1939	13,849	1,014	1,119	834	1,766	82.2	158.0	14,302	13,916
District of Columbia	Jan. 1938	41,614	1,754	2,056	357	1,705	20.4	83.0	43,823	45,018
Florida	Jan. 1939	46,938	12,725	10,397	2,364	5,211	18.6	50.1	58,317	64,671
Georgia	do	68,740	14,004	11,795	4,235	6,476	30.2	54.9	79,958	85,852
Idaho	Sept. 1938	12,581	2,648	3,061	100	748	3.8	24.4	15,396	18,025
Illinois	July 1939	405,265	71,887	42,912	36,359	77,542	50.6	180.7	510,266	485,045
Indiana	Apr. 1938	182,010	29,286	15,541	12,757	22,263	43.5	148.0	181,911	178,582
Iowa	July 1938	53,151	10,096	7,801	2,231	4,327	20.3	55.5	63,035	67,750
Kansas	Jan. 1939	46,487	10,245	6,121	3,607	9,080	35.2	148.4	54,111	52,137
Kentucky	do	77,795	12,757	10,580	2,439	6,419	19.1	90.7	89,254	94,721
Louisiana	Jan. 1938	85,546	17,991	9,010	3,553	12,013	19.7	133.3	81,414	79,921
Maine	do	31,602	5,590	5,945	1,750	5,478	26.5	92.1	37,117	38,297
Maryland	do	110,567	23,380	10,579	9,650	23,285	41.3	226.1	126,624	116,176
Massachusetts	do	200,328	23,358	23,011	14,434	42,802	61.8	186.0	213,273	197,363
Michigan	July 1938	258,949	62,180	39,437	77,228	79,230	124.2	200.9	249,026	213,394
Minnesota	Jan. 1938	74,582	20,730	14,341	2,541	9,435	12.3	67.2	94,397	100,914
Mississippi	Apr. 1938	20,928	6,069	6,523	662	1,707	10.9	26.2	26,794	32,172
Missouri	Jan. 1939	139,505	27,243	16,777	9,915	20,946	36.4	124.9	159,758	158,616
Montana	July 1939	15,584	3,541	4,068	132	1,060	8.7	26.8	19,326	22,698
Nebraska	Jan. 1939	22,904	3,860	2,492	497	2,087	12.9	83.8	26,746	27,666
Nevada	do	8,815	1,677	1,561	96	699	5.7	38.4	10,563	11,757
New Hampshire	Jan. 1938	19,533	3,096	3,276	317	792	10.3	24.2	22,716	25,657
New Jersey	Jan. 1939	395,280	72,093	67,835	36,442	76,672	50.5	116.0	439,128	436,471
New Mexico	Dec. 1938	8,485	1,907	2,271	24	258	1.2	11.4	10,550	12,766
New York	Jan. 1938	840,376	188,721	162,736	59,314	191,154	31.4	117.5	987,755	978,109
North Carolina	do	91,026	17,270	15,582	1,838	4,376	10.6	28.1	106,363	121,780
North Dakota	Jan. 1939	4,509	759	839	22	242	2.9	28.8	5,340	6,043
Ohio	do	424,593	68,307	52,578	21,485	52,314	31.5	99.5	480,186	489,567
Oklahoma	Dec. 1938	42,250	6,714	4,508	3,341	10,184	49.9	225.9	46,493	41,610
Oregon	Jan. 1938	61,571	14,324	10,593	2,798	16,633	19.5	157.0	74,423	69,708
Pennsylvania	do	563,254	62,617	62,596	26,526	94,534	42.4	151.0	610,539	589,640
Rhode Island	do	63,052	14,202	13,449	5,172	10,852	36.4	80.7	73,412	77,416
South Carolina	July 1938	33,974	5,429	5,316	393	1,719	7.2	32.3	39,715	44,106
South Dakota	Jan. 1939	5,669	560	664	35	185	4.0	27.9	6,543	7,153
Tennessee	Jan. 1938	69,002	20,763	14,954	3,206	12,560	16.9	54.0	88,713	92,825
Texas	do	138,144	18,302	15,838	3,967	14,669	21.7	92.6	155,313	159,466
Utah	do	21,992	4,394	5,253	445	4,058	9.1	77.2	26,911	28,634
Vermont	do	16,918	1,901	1,935	327	600	17.2	41.4	12,720	14,106
Virginia	do	57,534	8,585	8,882	1,127	5,610	13.1	63.2	66,177	70,748
Washington	Jan. 1939	125,386	32,774	27,250	7,772	46,766	23.7	171.6	153,187	136,347
West Virginia	Jan. 1938	62,019	10,247	9,091	2,490	10,005	24.3	110.1	71,056	71,484
Wisconsin	July 1936	153,851	32,610	10,806	4,204	7,771	13.1	75.4	185,501	191,650
Wyoming	Jan. 1939	6,983	1,171	1,251	16	297	1.4	23.8	8,284	9,407
Alaska	do	6,952	1,452	1,180	68	434	6.1	37.7	8,461	9,843
Hawaii	do	16,168	1,878	1,521	6	167	.3	11.0	18,369	20,092

<sup>1</sup> Sum of balances in State clearing account and benefit-payment account, and in State unemployment trust fund account in U. S. Treasury. State unemployment trust fund accounts include interest credited.

<sup>2</sup> Contributions, penalties, and interest from employers and contributions from employees. Adjusted for refunds of contributions and for dishonored contribution checks. Current contribution rates (percent of taxable wages) are: For employers, 2.7 percent except in Michigan, where rate was 3.0 percent; for employees, 1.0 percent in Alabama, California, and New Jersey, and 0.5 percent in Rhode Island. Experience rating, operative in 42 States in 1944 and 45 States in 1945 and 1946 modifies above rates.

<sup>3</sup> Adjusted for voided benefit checks.

Source: Federal Security Agency, Social Security Administration, Bureau of Employment Security. Data appear periodically in Social Security Bulletin.



# No. 281.—UNEMPLOYMENT INSURANCE—SUMMARY OF SELECTED OPERATIONS UNDER STATE UNEMPLOYMENT INSURANCE LAWS: 1938 TO 1946

[Data corrected to December 15, 1947]

YEAR AND MONTH	COVERED EMPLOYMENT <sup>1</sup>		Beneficiaries <sup>4</sup>	Weeks compensated <sup>5</sup>	Continued claims	Benefit payments (thousands) <sup>6</sup>
	Workers <sup>2</sup>	Wages (thousands) <sup>3</sup>				
1938	19,929,364	\$26,200,026	(7)	38,075,709	<sup>7</sup> 45,796,606	\$393,785
1939	21,377,528	29,089,447	(7)	41,554,089	<sup>8</sup> 56,533,762	429,298
1940	23,096,162	32,449,899	5,220,073	51,084,375	66,676,573	519,700
1941	26,814,281	42,145,685	3,439,323	32,295,877	42,341,845	344,321
1942	29,749,020	54,796,162	2,815,127	28,157,730	33,761,762	344,084
1943	30,827,540	68,118,583	664,015	8,003,608	7,664,684	79,643
1944	30,044,492	60,139,035	533,406	4,123,024	5,480,621	62,385
1945	23,409,023	66,640,988	2,861,190	24,260,615	30,833,727	445,806
1946	30,211,845	73,358,713	4,468,259	50,808,705	67,333,494	1,094,850
January	27,971,530	16,122,995	1,641,732	7,114,142	8,257,947	133,246
February	27,602,618		1,622,386	6,489,542	7,327,442	120,727
March	28,626,526		1,591,801	6,897,754	7,464,018	127,013
April	29,310,103		1,402,362	6,076,878	6,648,794	110,672
May	29,783,904	17,660,570	1,314,032	5,698,008	6,486,131	103,889
June	30,390,430		1,174,138	5,087,906	5,395,284	92,982
July	30,734,253	18,763,684	1,068,705	4,683,155	5,604,371	88,408
August	31,348,609		980,245	4,303,212	4,603,647	76,047
September	31,554,589		838,899	3,486,898	3,894,633	63,216
October	31,472,944		768,337	3,543,950	4,140,790	64,433
November	31,779,471	20,821,464	709,618	2,971,947	3,491,577	64,097
December	31,967,018		747,258	3,275,313	4,118,860	59,370

<sup>1</sup> Excludes railroads and allied groups subject, as of July 1, 1939, to Railroad Unemployment Insurance Act.<sup>2</sup> Until January 1945, represents covered employment on last pay roll of each type (weekly, semimonthly, etc.) ended in the month; thereafter, employment on pay roll of each type ended nearest the fifteenth of the month. Annual figures represent averages of 12 monthly figures.<sup>3</sup> Total wages in covered employment for all pay periods ended within the period.<sup>4</sup> Annual figures represent first payments to beneficiaries; monthly figures represent average weekly number of weeks of unemployment compensated during the month.<sup>5</sup> For 1938-39, represent number of benefit payments.<sup>6</sup> Annual amounts adjusted, but monthly figures not adjusted, for voided benefit checks.<sup>7</sup> Data not available.<sup>8</sup> Excludes California, Maine, and Oregon for January; Massachusetts and Virginia for January-March; Indiana for May-June, and New York for entire year; data not available. For February and March, Maine reported continued claims for total unemployment only.<sup>9</sup> Excludes New York for January-March 1939; data not available.

Source: Federal Security Agency, Social Security Administration, Bureau of Employment Security. Some of these data appear periodically in Social Security Bulletin.

## No. 282.—PLACEMENTS MADE BY PUBLIC EMPLOYMENT OFFICES: 1937 TO 1947

YEAR AND MONTH	PLACEMENTS <sup>1</sup>		YEAR AND MONTH	PLACEMENTS <sup>1</sup>	
	Total	Nonagricultural <sup>2</sup>		Total	Nonagricultural <sup>2</sup>
1937	3,640,934	3,144,001	August	798,098	522,382
1938	2,950,047	2,658,964	September	833,783	531,899
1939	4,500,399	4,152,139	October	826,970	546,835
1940	5,220,712	3,661,040	November	579,604	440,408
1941	7,427,989	5,404,201	December	435,762	358,126
1942	10,220,907	6,919,462	1947		
1943	12,253,224	8,393,196			
1944	12,219,113	11,449,007	January	380,701	306,223
1945	10,811,100	8,808,476	February	383,892	348,134
1946	7,139,778	5,518,631	March	396,854	391,027
1947	6,328,100	5,279,979	April	431,592	418,939
1946			May	500,030	441,902
			June	650,689	453,390
January	425,623	412,325	July	573,432	454,486
February	383,237	358,795	August	531,967	483,798
March	456,161	420,542	September	684,103	540,116
April	501,141	460,828	October	801,065	627,969
May	516,183	457,471	November	496,138	480,957
June	626,810	478,648	December	497,637	397,048
July	702,118	530,312			

<sup>1</sup> Includes Alaska and Hawaii through 1938.<sup>2</sup> Excludes forestry and fishery through 1939.

Source: Department of Labor, United States Employment Service.

No. 288.—TOTAL AND VETERAN NONAGRICULTURAL PLACEMENTS MADE BY PUBLIC EMPLOYMENT OFFICES, BY STATES: 1942 TO 1946

STATE	1942		1943		1944		1945		1946	
	Total	Veteran	Total	Veteran	Total	Veteran	Total	Veteran	Total	Veteran
Total.....	6, 919, 892	219, 816	9, 393, 196	357, 120	11, 446, 007	806, 139	9, 806, 476	1, 194, 578	5, 518, 631	2, 033, 127
Alabama.....	76, 821	1, 457	187, 586	7, 455	250, 738	16, 343	204, 048	27, 307	157, 271	54, 964
Arizona.....	41, 979	2, 011	57, 279	4, 065	64, 586	5, 941	57, 881	8, 935	43, 351	15, 794
Arkansas.....	165, 358	6, 125	107, 473	5, 328	108, 528	8, 191	141, 005	18, 682	79, 958	25, 313
California.....	768, 065	25, 662	948, 658	23, 433	1, 164, 393	69, 678	996, 041	113, 598	496, 455	190, 905
Colorado.....	69, 031	1, 877	78, 856	2, 577	104, 525	7, 283	113, 057	13, 812	66, 209	29, 881
Connecticut.....	107, 802	3, 923	117, 510	6, 290	144, 512	9, 142	119, 238	12, 099	88, 085	31, 943
Delaware.....	20, 016	352	25, 576	773	23, 097	1, 005	20, 487	2, 126	12, 533	3, 405
Dist. of Columbia...	61, 039	2, 575	40, 223	1, 274	67, 220	3, 204	51, 936	6, 617	33, 886	10, 916
Florida.....	97, 862	3, 652	210, 944	11, 871	222, 068	17, 827	174, 578	26, 417	133, 820	51, 352
Georgia.....	89, 117	2, 026	223, 729	4, 191	296, 675	16, 757	212, 420	26, 471	114, 056	44, 490
Idaho.....	53, 787	3, 695	38, 061	1, 674	37, 851	3, 374	35, 526	5, 881	34, 356	16, 874
Illinois.....	246, 429	9, 788	300, 933	13, 299	627, 210	40, 525	439, 476	53, 530	205, 631	82, 570
Indiana.....	171, 580	4, 887	286, 765	11, 626	320, 978	21, 791	273, 540	27, 346	106, 892	36, 402
Iowa.....	79, 379	5, 222	124, 348	7, 644	161, 755	12, 232	110, 129	17, 818	83, 797	42, 203
Kansas.....	128, 569	2, 927	147, 879	3, 641	118, 137	7, 341	112, 376	14, 346	65, 882	28, 225
Kentucky.....	93, 697	2, 912	165, 064	7, 748	178, 730	13, 980	157, 548	17, 572	41, 202	17, 048
Louisiana.....	62, 578	1, 218	80, 027	4, 570	132, 529	10, 721	100, 309	16, 048	56, 963	24, 201
Maine.....	54, 467	1, 640	67, 163	3, 295	62, 173	3, 440	56, 395	6, 263	45, 120	13, 390
Maryland.....	100, 747	2, 875	169, 968	7, 414	195, 327	13, 722	105, 920	13, 617	62, 618	25, 041
Massachusetts.....	158, 731	4, 907	266, 830	15, 313	292, 957	23, 787	242, 669	31, 921	105, 127	44, 667
Michigan.....	204, 948	8, 358	359, 800	12, 927	375, 948	27, 457	303, 239	39, 141	174, 426	85, 552
Minnesota.....	107, 283	6, 078	174, 828	13, 890	194, 567	19, 606	190, 659	31, 558	123, 204	51, 571
Mississippi.....	98, 517	2, 170	114, 114	2, 087	126, 083	7, 762	95, 682	14, 339	57, 960	24, 012
Missouri.....	274, 764	10, 824	286, 956	13, 168	286, 835	21, 730	229, 675	32, 557	118, 739	47, 967
Montana.....	33, 259	2, 832	26, 580	2, 209	35, 157	3, 673	30, 664	5, 363	22, 800	10, 968
Nebraska.....	82, 080	4, 307	70, 980	3, 678	68, 570	5, 996	63, 272	9, 488	40, 004	17, 693
Nevada.....	31, 516	972	43, 954	1, 554	31, 700	2, 601	34, 761	5, 667	25, 079	7, 663
New Hampshire.....	20, 830	853	26, 223	1, 155	29, 099	1, 742	25, 727	3, 868	26, 415	10, 432
New Jersey.....	181, 532	3, 878	345, 493	9, 793	392, 853	25, 585	298, 374	28, 731	144, 576	41, 864
New Mexico.....	30, 790	950	24, 172	1, 013	33, 927	2, 931	41, 355	6, 407	29, 452	14, 996
New York.....	763, 380	17, 147	908, 658	34, 362	1, 062, 683	70, 919	1, 275, 402	112, 058	814, 845	171, 673
North Carolina.....	199, 775	3, 876	201, 890	4, 461	255, 655	15, 275	196, 876	24, 133	123, 128	48, 799
North Dakota.....	19, 980	560	19, 350	647	18, 851	889	16, 777	1, 839	16, 356	6, 757
Ohio.....	423, 865	16, 428	673, 422	22, 786	748, 069	47, 787	558, 634	69, 794	293, 791	105, 250
Oklahoma.....	79, 639	2, 674	95, 035	3, 312	137, 002	11, 540	131, 012	21, 152	93, 677	36, 391
Oregon.....	124, 568	4, 068	226, 845	12, 384	192, 747	21, 976	145, 578	24, 235	93, 005	39, 079
Pennsylvania.....	324, 328	8, 246	449, 139	19, 334	642, 661	42, 629	562, 894	63, 445	246, 663	111, 809
Rhode Island.....	50, 168	1, 408	68, 574	2, 958	83, 885	4, 524	57, 281	5, 556	27, 876	10, 866
South Carolina.....	65, 424	1, 487	72, 915	1, 921	128, 346	6, 094	130, 639	12, 483	70, 780	24, 993
South Dakota.....	28, 850	1, 374	18, 977	1, 010	21, 895	1, 487	17, 441	2, 786	15, 302	7, 688
Tennessee.....	88, 860	1, 865	160, 213	5, 042	283, 929	22, 106	217, 246	28, 172	112, 900	41, 473
Texas.....	484, 211	12, 119	520, 999	23, 389	653, 759	54, 961	577, 662	77, 580	397, 018	156, 245
Utah.....	55, 249	1, 763	92, 337	3, 038	77, 753	4, 281	59, 773	7, 092	34, 278	14, 270
Vermont.....	7, 830	326	10, 021	437	14, 726	886	13, 848	2, 363	13, 231	6, 676
Virginia.....	97, 074	2, 316	101, 506	2, 045	248, 860	12, 099	222, 594	22, 531	89, 325	32, 120
Washington.....	177, 237	4, 792	357, 378	5, 260	370, 800	39, 317	238, 243	34, 909	109, 774	43, 494
West Virginia.....	47, 994	1, 079	78, 138	3, 369	137, 080	10, 143	104, 595	14, 883	36, 220	13, 027
Wisconsin.....	146, 094	6, 310	199, 111	5, 920	196, 440	12, 907	225, 412	29, 184	121, 671	54, 214
Wyoming.....	22, 803	1, 035	20, 716	490	22, 138	952	18, 582	2, 858	12, 914	5, 981

Source: Department of Labor, United States Employment Service.

**No. 284.—NONAGRICULTURAL PLACEMENTS MADE BY PUBLIC EMPLOYMENT OFFICES,  
BY RACE, SEX, AND VETERAN STATUS, BY STATES: 1947**

QUARTER AND STATE	Total	RACE		SEX		VETERAN STATUS		PERCENT OF TOTAL		
		White	Non-white	Male	Female	Veteran	Non-veteran	White	Male	Vet-eran
<b>Total</b> .....	<b>5,279,979</b>	<b>3,912,675</b>	<b>1,367,304</b>	<b>3,511,815</b>	<b>1,768,164</b>	<b>1,817,235</b>	<b>3,462,744</b>	<b>74.1</b>	<b>68.8</b>	<b>34.4</b>
<b>QUARTER</b>										
January-March .....	1,105,384	814,916	290,468	715,186	390,198	392,711	712,673	73.7	64.7	35.5
April-June .....	1,314,231	977,428	336,803	901,166	413,065	476,148	835,083	74.4	68.8	36.2
July-September .....	1,484,400	1,102,552	381,848	965,415	498,985	485,622	997,778	74.3	68.4	32.8
October-December .....	1,375,904	1,017,779	358,125	909,248	466,716	461,754	914,210	74.0	66.1	32.6
<b>STATE</b>										
Alabama .....	157,431	84,780	72,671	114,268	43,163	48,858	108,575	53.8	72.6	31.0
Arizona .....	40,854	36,299	4,555	30,568	16,286	16,343	24,511	68.9	74.8	40.0
Arkansas .....	86,859	58,080	28,779	59,501	27,358	28,733	58,126	66.9	68.5	33.1
California .....	437,565	306,653	40,912	298,520	139,045	158,094	279,471	90.7	68.2	36.1
Colorado .....	67,717	65,517	2,200	54,461	11,256	29,244	38,473	96.8	83.4	43.2
Connecticut .....	83,210	70,899	12,311	51,335	31,875	26,826	56,384	85.2	61.7	32.2
Delaware .....	11,908	6,034	5,874	5,244	5,664	3,483	8,425	50.7	52.4	29.2
Dist. of Columbia .....	38,679	11,748	26,931	23,760	14,919	12,084	26,645	30.4	61.4	31.1
Florida .....	146,753	75,902	70,851	92,725	54,028	50,054	96,699	51.7	63.2	34.1
Georgia .....	102,414	50,339	52,075	68,028	34,386	31,595	70,819	49.2	66.4	30.9
Idaho .....	35,243	35,043	200	29,410	5,833	16,780	18,463	99.4	83.4	47.6
Illinois .....	176,298	144,955	31,343	125,567	50,731	67,679	108,628	82.2	71.2	38.4
Indiana .....	105,146	90,028	15,118	70,349	34,806	34,949	70,197	85.5	66.9	33.2
Iowa .....	81,760	79,919	1,841	61,941	19,819	36,479	45,281	97.7	76.8	44.6
Kansas .....	78,490	65,911	10,579	58,954	17,536	31,834	45,156	86.2	77.1	41.0
Kentucky .....	38,061	30,724	7,337	26,848	11,213	15,086	22,975	80.7	70.5	39.6
Louisiana .....	58,687	25,131	33,556	41,687	16,970	23,044	35,613	42.8	71.1	39.3
Maine .....	47,503	47,212	291	34,094	13,409	14,917	32,586	99.4	71.8	31.4
Maryland .....	54,781	33,603	21,178	38,313	16,468	19,519	35,262	61.3	69.9	35.6
Massachusetts .....	105,587	103,975	1,612	62,435	43,152	37,662	67,908	96.6	59.1	35.7
Michigan .....	149,746	134,282	15,464	119,936	29,820	66,111	83,635	89.7	80.1	44.1
Minnesota .....	127,331	124,567	2,764	99,435	27,896	50,845	76,486	97.8	78.1	39.9
Mississippi .....	78,754	34,808	43,946	55,504	23,250	25,904	52,850	44.2	70.5	32.9
Missouri .....	95,417	82,105	13,312	65,539	29,878	35,889	59,548	86.0	66.7	37.6
Montana .....	24,696	24,335	361	21,315	3,381	12,282	12,414	98.5	86.3	49.7
Nebraska .....	43,789	41,795	1,993	35,519	8,270	18,223	25,566	95.4	81.1	41.6
Nevada .....	22,481	15,193	4,288	15,115	7,366	7,146	15,335	80.9	67.2	31.8
New Hampshire .....	21,114	21,061	53	14,606	6,508	7,754	13,360	99.8	69.2	36.7
New Jersey .....	130,555	82,486	48,069	63,711	66,844	34,863	95,692	63.2	48.8	26.7
New Mexico .....	24,355	32,645	1,710	28,232	6,103	16,756	17,897	96.0	82.2	48.8
New York .....	665,100	368,883	296,217	287,519	377,581	137,311	527,789	55.6	43.2	20.6
North Carolina .....	120,419	61,570	58,849	79,648	40,551	40,494	79,925	51.1	66.3	33.6
North Dakota .....	17,933	17,677	256	13,727	4,206	6,683	11,250	96.6	76.5	37.3
Ohio .....	303,179	241,910	61,269	216,212	86,967	99,773	203,406	79.8	71.3	32.9
Oklahoma .....	101,072	84,700	16,372	74,700	26,372	39,751	61,321	83.8	73.9	39.3
Oregon .....	82,580	81,507	1,073	65,597	16,983	34,491	48,089	98.7	79.4	41.8
Pennsylvania .....	231,467	190,667	40,810	140,816	96,651	87,644	143,823	82.4	60.8	37.9
Rhode Island .....	27,187	22,414	4,773	12,230	14,957	6,774	20,413	82.4	45.0	24.9
South Carolina .....	90,878	39,453	50,925	67,030	23,348	31,190	59,188	43.7	74.2	34.5
South Dakota .....	16,806	15,427	1,381	13,492	3,316	7,486	9,322	91.8	80.3	44.6
Tennessee .....	129,407	81,794	47,613	88,708	40,699	45,517	83,890	63.2	68.5	35.2
Texas .....	432,204	280,360	151,844	309,440	122,764	156,816	275,588	64.9	71.6	36.2
Utah .....	28,983	28,389	594	22,131	6,852	12,320	16,663	98.6	76.4	42.5
Vermont .....	12,404	12,384	20	9,571	2,833	5,941	6,443	99.8	77.2	47.9
Virginia .....	82,998	36,365	46,633	53,726	29,272	26,881	56,117	43.8	64.7	32.4
Washington .....	55,520	80,148	5,372	67,560	17,930	33,150	52,361	93.7	79.0	38.8
West Virginia .....	37,172	32,766	4,416	24,583	12,589	13,829	23,343	88.1	66.1	27.2
Wisconsin .....	122,086	115,702	6,384	84,075	38,011	47,261	74,825	94.8	68.9	38.7
Wyoming .....	11,928	11,644	284	10,079	1,849	5,637	6,291	97.6	84.5	47.3

1 Nonwhite for Connecticut for December are included with white.

Source: Department of Labor, United States Employment Service.

No. 285.—NONAGRICULTURAL PLACEMENTS MADE BY PUBLIC EMPLOYMENT OFFICES,  
BY SELECTED INDUSTRY DIVISION: 1946 AND 1947

INDUSTRY DIVISION	1946	1947	INDUSTRY DIVISION	1946	1947
Total.....	5,518,631	5,279,979	Wholesale and retail trade.....	852,111	935,141
Forestry and fishing.....	8,236	9,164	Finance, insurance and real estate.....	66,978	61,204
Mining.....	54,494	51,440	Service.....	1,125,577	1,237,725
Construction.....	636,021	663,067	Domestic.....	607,763	746,496
Manufacturing.....	2,217,896	1,836,181	Government.....	255,902	182,497
Transportation, communication and other public utilities.....	291,288	292,485	Establishments not elsewhere classified.....	10,128	11,075

Source: U. S. Department of Labor, United States Employment Service.

No. 286.—NONAGRICULTURAL PLACEMENTS MADE BY PUBLIC EMPLOYMENT OFFICES  
BY RACE, SEX, VETERAN STATUS AND BY MAJOR OCCUPATIONAL GROUP: 1947

MAJOR OCCUPATIONAL GROUP	Total	RACE		SEX		VETERAN STATUS	
		White	Non-white	Male	Female	Veteran	Non-veteran
All occupations.....	5,279,979	3,912,675	1,367,304	3,511,015	1,768,964	1,817,235	3,462,744
Professional and managerial.....	54,497	53,031	1,466	41,102	13,395	30,245	24,252
Clerical and sales.....	595,048	582,032	13,016	234,913	360,135	177,226	417,822
Service.....	1,236,978	552,252	684,726	416,359	820,619	163,521	1,073,457
Skilled.....	385,523	368,941	16,582	360,801	24,722	180,672	204,851
Semiskilled.....	697,279	612,045	85,234	452,695	244,584	273,406	423,873
Unskilled and other.....	2,310,654	1,744,374	566,280	2,005,145	305,509	992,165	1,318,489
PERCENTAGE DISTRIBUTION BY OCCUPATIONAL GROUP							
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Professional and managerial.....	1.0	1.4	.1	1.2	.8	1.7	.7
Clerical and sales.....	11.3	14.9	1.0	6.7	20.4	9.8	12.1
Service.....	23.4	14.1	50.1	11.9	46.3	9.0	31.0
Skilled.....	7.3	9.4	1.2	10.3	1.4	9.9	5.9
Semiskilled.....	13.2	15.6	6.2	12.9	13.8	15.0	12.2
Unskilled and other.....	43.8	44.6	41.4	57.0	17.3	54.6	38.1
PERCENTAGE DISTRIBUTION BY RACE, SEX AND VETERAN STATUS							
Total.....	100.0	74.1	25.9	66.5	33.5	34.4	65.6
Professional and managerial.....	100.0	97.8	2.7	75.4	24.6	55.5	44.5
Clerical and sales.....	100.0	97.8	2.2	39.5	60.5	29.8	70.2
Service.....	100.0	44.6	55.4	33.7	66.3	13.2	86.8
Skilled.....	100.0	95.7	4.3	93.6	6.4	46.9	53.1
Semiskilled.....	100.0	87.8	12.2	64.9	35.1	39.2	60.8
Unskilled and other.....	100.0	75.5	24.5	86.8	13.2	42.9	57.1

Source: Department of Labor, United States Employment Service.

**No. 287.—RAILROAD RETIREMENT—BENEFIT PAYMENTS CERTIFIED TO THE SECRETARY OF THE TREASURY, BY CLASS OF BENEFIT: 1936 TO 1947**

[In thousands]

CALENDAR YEAR	TOTAL	RETIREMENT BENEFITS		SURVIVOR BENEFITS	
		Retirement annuities	Pensions	Monthly <sup>1</sup>	Lump-sum <sup>2</sup>
<b>Cumulative through December 1947.....</b>	<b>\$1, 402, 507</b>	<b>\$1, 112, 983</b>	<b>\$207, 517</b>	<b>\$34, 229</b>	<b>\$47, 778</b>
1936.....	685	684	-----	1	-----
1937.....	40, 446	20, 682	19, 319	444	-----
1938.....	98, 439	66, 371	30, 395	1, 383	291
1939.....	110, 659	79, 816	27, 465	1, 451	1, 926
1940.....	118, 111	89, 695	24, 471	1, 448	2, 497
1941.....	124, 892	98, 169	21, 743	1, 559	3, 421
1942.....	128, 523	103, 501	19, 304	1, 603	4, 114
1943.....	133, 059	108, 792	17, 004	1, 704	5, 560
1944.....	138, 062	115, 063	14, 624	1, 765	6, 591
1945.....	147, 050	124, 417	12, 723	1, 772	8, 138
1946.....	160, 132	138, 161	11, 028	1, 817	9, 127
1947.....	202, 449	167, 612	9, 441	19, 283	6, 114

<sup>1</sup> Includes survivor annuities paid pursuant to joint-and-survivor elections made by retired employees, death-benefit annuities under 1935 act, and, beginning with 1947, monthly benefits to widows, children, and parents provided by 1946 amendments; figures for 1947 include \$17,461,000 for new monthly benefits, of which \$13,459,000 was for widow's, \$1,418,000 for widow's current, \$2,548,000 for child's, and \$35,000 for parent's annuities.

<sup>2</sup> Includes \$3,249,000 in new benefits provided by 1946 amendments.

Source: Railroad Retirement Board. Monthly figures appear in The Monthly Review.

**No. 288.—RAILROAD RETIREMENT—MONTHLY BENEFITS BY CLASS—NUMBER AWARDED, TERMINATED, AND IN CURRENT-PAYMENT STATUS: 1939 TO 1947**

Awards are reported on basis of an accounting-month ending on approximately the 24th, and terminations are reported through dates staggered from the 3d to the 27th. Benefits in current-payment status include benefits awarded through that date less benefits terminated or withheld. Terminations are by death, commutation or completion of payments, or by loss of entitlement for any of the reasons described in the act. Benefits withheld are not directly shown in table. Benefits are withheld for investigation or adjustment, or for such reasons as return to service or recovery from disability of retirement annuitant, employment of widow, child, or parent, or failure of child 16 or over to attend school where feasible, etc. Withheld benefits, but not terminated benefits, are eventually reinstated to current-payment rolls]

CLASS OF BENEFIT	1939	1940	1941	1942	1943	1944	1945	1946	1947
<b>Awards, total.....</b>	<b>28, 267</b>	<b>23, 817</b>	<b>20, 940</b>	<b>16, 219</b>	<b>19, 029</b>	<b>19, 678</b>	<b>24, 213</b>	<b>27, 670</b>	<b>124, 019</b>
Retirement annuities.....	26, 070	22, 145	19, 466	14, 924	17, 739	18, 562	23, 242	26, 766	43, 873
Pensions.....	39	85	23	43	1	4	-----	5	1
Survivor benefits <sup>1</sup> .....	2, 158	1, 637	1, 451	1, 252	1, 289	1, 112	971	899	80, 145
<b>Terminations, <sup>2</sup> total.....</b>	<b>13, 057</b>	<b>13, 343</b>	<b>13, 650</b>	<b>13, 766</b>	<b>14, 507</b>	<b>15, 113</b>	<b>14, 770</b>	<b>15, 493</b>	<b>27, 219</b>
Retirement annuities.....	7, 121	7, 959	8, 654	9, 288	10, 303	10, 923	11, 401	12, 361	21, 471
Pensions.....	4, 450	4, 253	3, 873	3, 454	3, 217	3, 240	2, 514	2, 344	2, 110
Survivor benefits <sup>1</sup> .....	1, 486	1, 131	1, 123	1, 024	987	950	855	788	3, 638
<b>In current-payment status at end of period, total.....</b>	<b>138, 820</b>	<b>149, 241</b>	<b>156, 513</b>	<b>158, 758</b>	<b>163, 161</b>	<b>167, 752</b>	<b>177, 289</b>	<b>189, 553</b>	<b>290, 160</b>
Retirement annuities.....	98, 551	112, 710	123, 498	128, 921	136, 245	143, 908	155, 828	170, 331	198, 976
Pensions.....	37, 514	33, 268	29, 424	26, 015	22, 788	19, 553	17, 047	14, 707	12, 590
Survivor benefits <sup>1</sup> .....	2, 755	3, 263	3, 591	3, 822	4, 128	4, 291	4, 414	4, 515	78, 594

<sup>1</sup> Includes annuities to surviving spouses of retired employees who had made joint-and-survivor elections, death-benefit annuities payable under 1935 act for 12 months to surviving spouse or dependent next of kin of employees who retired or were eligible for retirement annuities at death, and, beginning in 1947, monthly benefits to qualified widows, children, and parents of insured employees.

<sup>2</sup> Terminations are by death or commutation of payments; in addition, new monthly survivor benefits payable under 1946 amendments may be terminated by loss of entitlement for various reasons specified in the act.

Source: Railroad Retirement Board. Monthly figures appear in The Monthly Review.

No. 289.—RAILROAD RETIREMENT—RETIREMENT ANNUITIES AWARDED THROUGH DECEMBER 1946, BY CLASS OF EMPLOYER, OCCUPATIONAL GROUP FOR CLASS I RAILROADS, AND TYPE OF ANNUITY

CLASS OF EMPLOYER AND OCCUPATIONAL GROUP <sup>1</sup>	TOTAL		AGE ANNUITIES BEGINNING—				DISABILITY ANNUITIES BASED ON—				TOTAL EMPLOYERS WITH CREDITED COMPENSATION 1945	
	Number	Percent	At age 65 or over		Before age 65		30 years of service		Less than 30 years of service		Number	Percent
			Number	Percent	Number	Percent	Number	Percent	Number	Percent		
<b>CLASS OF EMPLOYER</b>												
Total.....	255,091	100.0	186,655	73.2	15,937	6.3	13,924	15.3	14,432	5.7	1,084,978	100.0
Class I railroads.....	228,305	89.5	166,022	73.0	13,319	5.8	35,621	15.6	12,744	5.6	2,471,052	90.1
Class II and class III railroads.....	2,776	1.1	2,711	71.8	282	7.5	676	15.3	207	5.6	31,110	1.0
Class I switching and terminal companies.....	5,556	2.2	4,220	76.8	307	5.5	721	13.0	318	5.7	84,111	2.7
Switching and terminal companies, other than class I.....	2,650	1.0	2,109	79.3	183	6.9	268	9.7	139	5.2	61,643	1.7
Electric railroads.....	3,173	1.2	2,407	76.9	294	9.3	266	8.4	206	6.5	30,784	1.0
Express companies.....	5,220	2.0	3,910	74.9	330	6.3	696	13.1	294	5.6	290,123	9.4
Pullman Company.....	3,053	1.2	2,272	74.2	112	3.7	329	10.7	350	11.4	61,536	2.0
Car-load companies.....	697	.3	600	80.3	36	5.0	47	6.7	55	7.9	24,732	.8
Railroads in Alaska and Hawaii.....	181	.1	125	77.6	14	8.7	13	8.1	9	6.6	1,086	.1
Railway associations.....	577	.2	452	78.3	47	8.1	53	9.2	25	4.3		
National labor organizations.....	811	.3	461	56.8	44	5.4	277	34.2	29	3.6		
Miscellaneous employers.....	1,075	.4	535	77.2	100	9.2	86	8.2	54	5.4	38,199	1.2
Employee representatives.....	7	( <sup>1</sup> )	4	57.1	—	—	1	14.3	2	28.6		
<b>OCCUPATIONAL GROUP FOR CLASS I RAILROADS</b>												
Total.....	228,304	100.0	166,632	73.0	13,319	5.8	35,621	15.6	12,744	5.6	2,471,100	100.0
Executives, supervisors, and professionals.....	16,959	7.4	12,264	72.3	1,479	8.7	3,037	17.9	189	1.1	94,000	3.8
Station agents and telegraphers.....	11,762	5.2	8,123	69.1	1,023	8.7	2,398	20.4	218	1.9	59,900	2.4
Clerks and junior office employees.....	12,374	5.4	8,713	71.0	891	7.3	2,132	17.4	538	4.4	221,300	9.0
Train-and-engine-service employees.....	42,195	18.5	29,717	70.4	2,512	6.0	9,267	22.2	593	1.4	106,100	4.4
Firemen, brakemen, switchmen, hostlers, etc.....	21,268	9.3	12,944	60.9	1,629	7.7	5,385	25.3	1,308	6.2	316,800	12.8
Gang foremen.....	14,197	6.2	10,310	72.6	1,185	8.4	2,271	16.0	431	3.0	55,800	2.3
Skilled way and structured employees.....	6,074	2.7	4,597	76.7	347	5.7	692	11.4	438	7.2	49,600	2.0
Skilled shop employees.....	37,027	16.2	27,223	73.5	2,161	5.8	6,059	13.7	2,694	7.0	205,400	8.4
Helpers and apprentices.....	13,243	5.8	10,376	77.6	452	3.4	1,148	8.7	1,365	10.3	207,390	8.4
Way and structured laborers.....	18,005	7.9	13,559	77.0	863	3.3	1,493	8.3	2,040	11.4	518,400	21.0
Shop and stores laborers.....	11,605	5.1	9,201	79.6	325	2.8	803	6.9	1,216	10.5	188,900	7.7
Station, platform, and yard laborers.....	7,207	3.2	5,741	79.7	242	3.4	576	6.0	646	9.0	271,100	11.0
All other employees.....	16,483	7.2	13,592	82.5	480	2.9	1,259	7.6	1,152	7.0	170,100	6.9

<sup>1</sup> Refers to last employer and to last occupation.

<sup>2</sup> Includes stockyard, bridge, dock, and warehouse companies.

<sup>3</sup> Includes 3,400 employees whose occupations were not reported. Based on a 20-percent sample.

<sup>4</sup> Less than 0.06 percent.

Source: Railroad Retirement Board, Annual Report.



**No. 290.—RAILROAD RETIREMENT—NUMBER OF EMPLOYEES, BY AGE, CLASS OF EMPLOYER AND OCCUPATIONAL GROUP: 1945**

[In thousands]

CLASS OF EMPLOYER AND OCCUPATIONAL GROUP	Total employees	AGE IN 1945					
		Under 20 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years
<b>Total.....</b>	<b>3,085.0</b>	<b>298.8</b>	<b>336.4</b>	<b>356.7</b>	<b>339.9</b>	<b>330.6</b>	<b>335.3</b>
<b>Class I railroads, total.....</b>	<b>2,471.1</b>	<b>241.5</b>	<b>248.2</b>	<b>266.7</b>	<b>259.1</b>	<b>257.9</b>	<b>271.1</b>
Executives, supervisors, and professionals.....	94.0	1.5	2.2	3.3	4.5	7.4	12.5
Station agents and telegraphers.....	59.8	3.4	4.9	3.5	3.0	3.7	5.2
Clerks and junior office employees.....	221.3	19.4	39.4	25.7	18.9	21.7	25.8
Train-and-engine-service employees:							
Engineers and conductors.....	108.1	.1	.8	3.0	4.2	3.5	6.6
Firemen, brakemen, switchmen, and hostlers.....	316.8	4.8	21.2	48.8	55.3	41.8	37.9
Gang foremen.....	55.8	.6	.7	1.5	3.5	6.3	9.0
Skilled way and structure employees.....	49.6	1.8	2.4	3.7	5.1	6.7	7.2
Skilled shop employees.....	206.4	1.4	4.4	11.2	15.1	21.5	28.8
Helpers and apprentices.....	207.3	25.9	22.9	25.4	24.3	23.7	23.3
Extra gang laborers.....	198.1	32.5	31.7	28.4	22.6	20.2	17.1
Other way and structure laborers.....	320.3	57.0	32.2	32.9	32.8	34.5	33.5
Shop and stores laborers.....	188.9	28.1	23.0	23.5	21.7	20.8	19.5
Station, platform, and yard laborers.....	271.1	42.6	40.8	39.0	32.3	28.9	26.5
All other occupations.....	170.1	22.1	21.1	16.3	15.5	16.6	17.8
<b>Other than class I railroads.....</b>	<b>613.9</b>	<b>57.3</b>	<b>88.2</b>	<b>90.0</b>	<b>80.8</b>	<b>72.7</b>	<b>64.2</b>

CLASS OF EMPLOYER AND OCCUPATIONAL GROUP	AGE IN 1945						
	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 years and over	Unknown
<b>Total.....</b>	<b>327.1</b>	<b>276.4</b>	<b>228.6</b>	<b>155.9</b>	<b>67.8</b>	<b>18.0</b>	<b>13.5</b>
<b>Class I railroads, total.....</b>	<b>269.9</b>	<b>236.3</b>	<b>199.3</b>	<b>137.3</b>	<b>58.9</b>	<b>15.1</b>	<b>9.6</b>
Executives, supervisors, and professionals.....	15.4	15.4	14.3	10.8	5.0	1.6	.1
Station agents and telegraphers.....	7.3	9.0	9.2	6.5	2.8	1.0	.1
Clerks and junior office employees.....	25.8	18.8	12.9	7.8	3.4	1.3	.4
Train-and-engine-service employees:							
Engineers and conductors.....	13.5	19.9	23.6	20.8	9.7	2.1	.1
Firemen, brakemen, switchmen, and hostlers.....	36.2	30.4	22.2	12.4	4.3	.8	.8
Gang foremen.....	8.6	8.7	8.0	6.0	2.3	.5	-----
Skilled way and structure employees.....	7.0	6.2	5.0	3.0	1.2	.1	.1
Skilled shop employees.....	32.6	32.7	28.6	20.5	7.9	1.5	.1
Helpers and apprentices.....	20.8	16.5	12.3	8.1	3.1	.7	.5
Extra gang laborers.....	15.1	10.8	9.2	5.4	2.3	.5	2.2
Other way and structure laborers.....	30.2	24.3	20.5	13.7	5.7	1.1	1.8
Shop and stores laborers.....	16.9	13.3	10.1	7.2	3.4	.9	.5
Station, platform, and yard laborers.....	22.6	16.3	10.9	6.4	2.5	.7	1.8
All other occupations.....	17.5	13.8	12.4	8.6	5.1	2.2	1.0
<b>Other than class I railroads.....</b>	<b>57.1</b>	<b>40.1</b>	<b>29.3</b>	<b>18.6</b>	<b>8.9</b>	<b>2.9</b>	<b>3.9</b>

<sup>1</sup> Includes 3,400 employees whose occupations were not reported. Data based on a 20-percent sample.

Source: Railroad Retirement Board; not published elsewhere.

### No. 291.—RAILROAD RETIREMENT—NUMBER OF EMPLOYEES, BY AMOUNT OF TAXABLE COMPENSATION: 1945

[Includes employees covered under Railroad Retirement and Railroad Unemployment Insurance Acts for whom compensation was reported by subject employers. Some of these employees also had wages taxable under Federal Insurance Contributions Act and are therefore included in preceding tables on old-age and survivors insurance. Earnings in this table include wages and salaries, commissions, back pay, and payments for time lost as an employee, reported by subject employers, however, the excess over \$300 in any one calendar month for an employee is excluded.]

TAXABLE COMPENSA- TION IN THE YEAR	EMPLOYERS			TAXABLE COMPENSA- TION IN THE YEAR	EMPLOYEES		
	Total		With 12 months of service		Total		With 12 months of service
	Number	Percent			Number	Percent	
Total	3,084,978	100.0	1,334,999	\$1,400-\$1,499	53,186	1.8	30,746
Under \$50	409,876	13.3	498	\$1,500-\$1,599	50,778	1.8	35,169
\$50-\$99	176,127	5.7	521	\$1,600-\$1,699	60,535	2.0	41,890
\$100-\$149	120,099	3.9	645	\$1,700-\$1,799	58,692	1.9	42,443
\$150-\$199	93,849	3.0	777	\$1,800-\$1,899	58,628	1.9	44,208
\$200-\$299	146,262	4.7	1,341	\$1,900-\$1,999	59,687	1.9	47,364
\$300-\$399	115,762	3.8	1,638	\$2,000-\$2,199	122,182	4.0	101,727
\$400-\$499	93,194	3.0	1,432	\$2,200-\$2,399	125,360	4.1	109,275
\$500-\$599	75,588	2.5	1,531	\$2,400-\$2,599	132,496	4.3	120,374
\$600-\$699	64,929	2.1	1,568	\$2,600-\$2,799	130,756	4.2	121,950
\$700-\$799	57,884	1.9	2,316	\$2,800-\$2,999	128,714	4.2	123,164
\$800-\$899	54,104	1.8	2,094	\$3,000-\$3,199	123,030	4.0	120,195
\$900-\$999	50,583	1.6	4,106	\$3,200-\$3,399	117,823	3.8	116,257
\$1,000-\$1,099	46,464	1.5	6,158	\$3,400-\$3,599	130,880	4.2	130,880
\$1,100-\$1,199	46,539	1.5	9,761	\$3,600	74,043	2.4	74,043
\$1,200-\$1,299	47,886	1.6	15,773	Average compensa- tion per employee			\$2,572
\$1,300-\$1,399	51,602	1.7	23,845				

Source: Railroad Retirement Board, Compensation and Service of Railroad Employees, 1945.

### No. 292.—RAILROAD RETIREMENT AND DEATH BENEFITS—NET PAYMENTS IN FISCAL YEAR 1946-47, BY STATE OF RESIDENCE OF BENEFICIARY AND BY CLASS OF BENEFIT

[In thousands of dollars. Data estimated on basis of State distribution of monthly death-benefit payments in current-payment status on December 31, 1946, and of lump-sum death benefits awarded in fiscal year.]

STATE	Total	Retire- ment benefits	Death benefits	STATE	Total	Retire- ment benefits	Death benefits
<b>Total</b>	<b>173,191</b>	<b>158,716</b>	<b>14,383</b>	Nebraska	2,110	1,947	163
Alabama	1,980	1,790	190	Nevada	250	231	19
Arizona	682	602	80	New Hampshire	733	683	50
Arkansas	1,653	1,526	127	New Jersey	8,793	8,294	509
California	11,371	10,613	758	New Mexico	531	479	51
Colorado	2,201	2,040	161	New York	12,941	11,760	1,172
Connecticut	1,100	993	107	North Carolina	1,629	1,444	185
Delaware	732	671	61	North Dakota	506	456	47
Dist. of Columbia	524	463	61	Ohio	11,936	10,975	961
Florida	3,809	3,611	198	Oklahoma	1,352	1,256	96
Georgia	2,379	2,125	253	Oregon	1,805	1,683	122
Idaho	539	500	39	Pennsylvania	21,757	20,063	1,694
Illinois	12,642	11,423	1,219	Rhode Island	352	316	36
Indiana	6,855	6,334	522	South Carolina	872	784	87
Iowa	4,272	3,927	345	South Dakota	478	446	32
Kansas	3,715	3,427	287	Tennessee	3,180	2,893	287
Kentucky	3,229	2,930	298	Texas	5,722	5,206	516
Louisiana	1,509	1,366	143	Utah	839	750	90
Maine	1,126	1,039	86	Vermont	—	550	37
Maryland	3,038	2,772	265	Virginia	3,949	3,577	372
Massachusetts	3,444	3,112	333	Washington	3,076	2,870	206
Michigan	4,725	4,364	362	West Virginia	2,561	2,343	218
Minnesota	4,944	4,537	406	Wisconsin	3,933	3,600	333
Mississippi	1,378	1,269	109	Wyoming	432	398	34
Missouri	5,861	5,364	497	Outside continental U. S. <sup>1</sup>	1,032	—	103
Montana	1,070	987	83				

<sup>1</sup> Includes \$40,274 for Hawaii and \$18,220 for Alaska.

Source: Railroad Retirement Board, Annual Report.

### No. 293.—RAILROAD UNEMPLOYMENT INSURANCE—SUMMARY OF OPERATIONS THROUGH JUNE 1947

FISCAL YEAR AND MONTH	Applica- tions for certificates of benefit rights re- ceived <sup>1</sup>	Applicants found qualified <sup>1</sup>	Claims re- ceived <sup>2</sup>	BENEFIT PAYMENTS CERTIFIED <sup>3</sup>		Number of accounts opened	Number of accounts exhausted
				Number	Amount		
1939-40	210,823	204,617	1,441,213	1,000,662	\$14,809,692	160,736	29,298
1940-41	181,157	177,214	1,257,822	999,498	17,699,137	162,164	26,652
1941-42	90,161	87,790	517,394	448,226	8,690,442	75,984	11,368
1942-43	21,816	20,864	100,826	79,397	1,752,768	18,061	2,512
1943-44	6,839	6,422	27,495	20,858	547,041	4,760	434
1944-45	8,959	8,595	34,874	27,219	727,697	5,792	626
1945-46	201,112	189,247	847,009	730,509	20,516,501	156,802	15,388
1946-47	256,900	234,911	1,763,264	1,582,951	46,617,479	207,768	47,639
<b>1946</b>							
July	59,490	47,837	123,221	94,360	2,431,176	32,609	4,240
August	23,094	25,752	126,063	106,807	2,188,156	30,222	116
September	18,318	18,050	119,928	111,075	3,423,196	14,813	23
October	16,649	16,996	139,680	127,061	3,911,524	18,014	21
November	20,604	15,250	131,923	117,553	3,619,837	12,116	10
December	39,975	40,368	186,813	155,594	4,669,734	27,907	5
<b>1947</b>							
January	28,774	24,002	211,701	195,218	5,677,359	23,391	12,218
February	17,326	16,740	178,632	166,150	4,849,006	18,018	8,070
March	11,333	10,757	182,476	167,325	4,949,665	12,228	5,551
April	9,012	8,233	153,576	148,065	4,288,819	8,256	6,290
May	6,563	5,985	115,697	107,030	3,099,451	6,428	5,377
June	5,702	4,939	92,632	84,723	2,459,568	4,668	5,518

<sup>1</sup> Application submitted when unemployed worker applies for unemployment insurance benefits for first time with respect to benefit year. Data apply to unemployment in current year in 1939-40, 1940-41, and 1941-42, and unemployment in current or prior year beginning with 1942-43.

<sup>2</sup> A claim is prepared for each period beginning with a day of unemployment.

<sup>3</sup> Adjusted for payment of underpayments and recovery of overpayments and erroneous payments.

Source: Railroad Retirement Board. Data are published currently in The Monthly Review.

### No. 294.—RAILROAD UNEMPLOYMENT INSURANCE—BENEFITS CERTIFIED BY STATE OF RESIDENCE, CALENDAR YEAR: 1946

[Based on sample tabulations. Adjusted for underpayments and recovery of overpayments]

STATE	Number	Amount	STATE	Number	Amount
<b>Total</b>	<b>1,375,441</b>	<b>\$39,916,660</b>	Nebraska	14,582	\$422,511
Alabama	17,539	492,806	Nevada	2,273	66,354
Arizona	1,860	60,065	New Hampshire	1,759	54,476
Arkansas	26,777	777,924	New Jersey	23,083	713,814
California	60,119	1,445,863	New Mexico	2,506	76,632
Colorado	14,092	400,262	New York	100,822	2,973,769
Connecticut	3,112	100,205	North Carolina	5,268	165,738
Delaware	6,566	193,054	North Dakota	2,239	69,062
District of Columbia	3,479	98,712	Ohio	97,379	2,840,705
Florida	12,702	379,833	Oklahoma	31,333	776,929
Georgia	13,804	390,629	Oregon	9,379	277,806
Idaho	6,878	312,535	Pennsylvania	243,539	7,296,107
Illinois	116,986	3,370,065	Rhode Island	1,828	62,117
Indiana	50,848	1,428,853	South Carolina	4,378	128,630
Iowa	13,897	388,536	South Dakota	2,370	62,482
Kansas	27,185	791,939	Tennessee	27,354	790,375
Kentucky	42,422	1,137,601	Texas	51,818	1,443,417
Louisiana	32,714	920,862	Utah	14,199	457,789
Maine	2,196	66,543	Vermont	1,323	33,563
Maryland	23,303	676,979	Virginia	20,529	577,566
Massachusetts	15,443	468,669	Washington	6,308	242,738
Michigan	24,366	682,997	West Virginia	40,971	1,173,504
Minnesota	41,194	1,216,316	Wisconsin	16,543	495,611
Mississippi	14,877	446,532	Wyoming	3,493	104,456
Missouri	65,470	1,602,237	Outside continental U. S.	11,997	337,570
Montana	6,543	239,819			

Source: Railroad Retirement Board. Fiscal year data are published in Annual Report.

**No. 295.—PUBLIC ASSISTANCE—RECIPIENTS OF ASSISTANCE, JUNE 1947, AND AMOUNT OF ASSISTANCE PAYMENTS, FISCAL YEAR 1946-47, BY STATES AND TERRITORIES**

STATE AND TERRITORY	RECIPIENTS OF ASSISTANCE, JUNE 1947					ASSISTANCE TO RECIPIENTS, 1946-47 (THOUSANDS OF DOLLARS)				
	Special types of public assistance				Cases receiving general assistance	Total	Special types of public assistance			General assistance
	Old-age assistance	Aid to dependent children		Aid to the blind			Old-age assistance	Aid to dependent children	Aid to the blind	
		Families	Children							
<b>Total</b> .....	2,271,007	396,148	1,009,475	79,035	1,335,000	\$1,342,031	\$910,329	\$254,385	\$33,471	\$142,846
Alabama.....	52,299	8,108	22,740	1,004	4,869	18,020	9,810	2,740	219	832
Arizona.....	10,654	2,391	6,876	622	2,339	8,050	5,677	1,219	394	760
Arkansas.....	40,098	6,915	18,278	1,473	2,631	10,319	7,328	2,267	335	1,388
California.....	172,463	11,082	26,830	6,440	23,271	129,374	102,692	10,465	4,436	11,762
Colorado.....	42,608	4,081	11,225	396	3,956	28,935	23,914	3,136	191	1,694
Connecticut.....	14,991	2,809	7,188	143	3,327	11,703	7,212	2,961	62	1,468
Delaware.....	1,201	248	669	116	763	832	292	244	30	265
District of Columbia.....	2,334	1,392	4,131	214	1,274	2,704	1,057	964	103	580
Florida.....	52,670	10,767	26,838	2,654	4,009	26,780	20,575	3,410	1,094	1,701
Georgia.....	76,741	6,501	16,719	2,205	2,907	16,882	13,668	2,245	480	468
Idaho.....	10,520	1,754	4,519	215	1,516	6,822	4,986	1,493	111	232
Illinois.....	126,496	22,062	56,246	4,855	23,100	91,417	57,236	21,133	2,239	10,809
Indiana.....	50,586	7,822	18,764	1,909	8,767	24,374	18,588	3,383	712	1,693
Iowa.....	46,296	4,277	10,940	1,223	4,307	24,570	21,084	1,665	625	1,295
Kansas.....	33,896	4,779	12,118	1,126	4,849	18,811	12,911	3,359	502	2,039
Kentucky.....	47,285	9,152	23,507	1,705	2,000	12,612	8,613	3,306	329	1,364
Louisiana.....	49,310	11,897	30,797	1,513	8,573	20,664	12,551	5,560	494	2,059
Maine.....	16,168	1,868	5,415	731	2,364	9,085	5,967	1,798	303	1,018
Maryland.....	11,819	4,839	13,903	407	7,634	10,073	4,266	2,418	187	2,202
Massachusetts.....	64,767	9,250	22,944	1,187	14,887	66,144	49,297	9,548	664	6,636
Michigan.....	93,539	20,060	47,789	1,425	21,262	65,541	38,546	16,596	636	9,762
Minnesota.....	53,970	5,922	15,107	981	5,919	30,025	23,341	3,640	486	2,559
Mississippi.....	39,266	5,518	14,616	2,093	474	9,112	7,133	1,404	527	48
Missouri.....	113,897	10,979	52,169	2,830	11,195	55,638	43,646	7,233	1,053	1,706
Montana.....	10,663	1,700	4,492	393	1,198	6,275	4,585	1,141	173	377
Nebraska.....	25,241	3,144	7,436	458	1,560	14,439	11,018	2,669	202	550
Nevada.....	2,011	180	1,115	27	282	1,130	1,035	18	13	64
New Hampshire.....	8,754	1,102	2,804	289	1,143	4,196	2,727	923	124	422
New Jersey.....	23,094	4,115	10,629	589	5,794	16,483	10,384	2,235	276	2,587
New Mexico.....	8,025	3,659	9,583	296	1,774	5,333	3,074	1,740	119	1,400
New York.....	107,934	40,126	93,539	3,384	58,406	133,208	56,742	20,462	1,931	35,069
North Carolina.....	38,407	7,684	21,918	2,835	2,899	10,835	6,918	2,699	756	482
North Dakota.....	8,925	1,663	4,561	127	647	5,613	4,001	1,203	54	256
Ohio.....	121,602	9,362	25,654	3,223	18,368	88,482	52,296	6,731	1,251	8,264
Oklahoma.....	95,349	27,834	67,211	2,444	6,400	58,464	44,248	12,366	1,109	738
Oregon.....	22,216	2,342	5,958	384	3,983	16,687	11,200	2,049	234	3,144
Pennsylvania.....	90,031	38,956	96,802	14,091	32,573	85,897	36,607	30,757	6,594	12,938
Rhode Island.....	8,386	2,411	6,045	137	2,600	6,636	3,573	1,799	57	1,209
South Carolina.....	29,588	5,629	15,366	1,192	4,714	8,626	6,200	1,517	306	603
South Dakota.....	12,574	1,880	4,642	212	650	6,007	4,698	992	72	245
Tennessee.....	47,057	13,425	36,024	1,716	1,700	15,078	9,410	5,065	438	1,164
Texas.....	193,891	14,073	35,452	5,291	3,500	67,813	60,821	4,492	1,608	1,691
Utah.....	12,616	2,439	6,550	147	1,790	10,324	6,654	2,643	83	1,044
Vermont.....	5,426	685	1,888	179	666	2,474	1,653	333	70	216
Virginia.....	15,450	4,504	13,118	1,115	3,658	5,812	3,026	1,772	269	745
Washington.....	65,643	7,317	17,647	642	6,912	57,245	43,133	7,834	479	5,799
West Virginia.....	20,698	9,584	26,272	876	4,857	8,661	4,177	3,362	208	714
Wisconsin.....	47,137	7,156	17,911	1,293	4,351	27,879	19,142	6,035	539	2,154
Wyoming.....	3,766	367	1,056	99	426	2,708	2,071	361	65	211
Alaska.....	1,367	229	569	-----	143	858	696	99	-----	59
Hawaii.....	1,700	963	2,916	67	967	1,797	671	709	26	601

<sup>1</sup> Partly estimated, total not as large as sum of State figures because of adjustment for 2 States. See footnote 5.

<sup>2</sup> Excludes some cases and local funds not administered by State agency.

<sup>3</sup> Estimated.

<sup>4</sup> Excludes cases receiving assistance in kind only and, for a few counties, cases receiving cash payments.

<sup>5</sup> Includes unknown number of cases receiving medical care, hospitalization, or burial only.

<sup>6</sup> Represents program administered without Federal participation.

<sup>7</sup> Excludes estimated duplication between programs; 2,045 cases were aided by county commissioners and 4,106 cases under program administered by State Board of Welfare.

Source: Federal Security Agency, Social Security Administration, Bureau of Public Assistance; Annual Report of the Social Security Administration. Data appear periodically in Social Security Bulletin and Source of Funds for Public Assistance Payments.

**No. 296.—PUBLIC ASSISTANCE—FEDERAL GRANTS TO STATES FOR PUBLIC ASSISTANCE, FISCAL YEARS 1945-47, AND BY STATES AND TERRITORIES, FISCAL YEAR 1946-47**

[In thousands. Advances certified from appropriations in specified fiscal year]

FISCAL YEAR AND STATE	Total	Old-age assistance	Aid to dependent children	Aid to the blind
1944-45.....	\$409,985	\$345,738	\$53,892	\$10,355
1945-46.....	439,132	368,524	60,126	10,482
1946-47.....	613,831	491,091	108,429	14,312
Alabama.....	8,054	6,167	1,748	139
Arizona.....	3,869	2,931	760	178
Arkansas.....	6,067	4,445	1,402	220
California.....	53,733	48,652	3,203	1,878
Colorado.....	12,486	10,972	1,393	121
Connecticut.....	4,588	3,596	956	36
Delaware.....	319	183	112	24
District of Columbia.....	1,067	578	435	55
Florida.....	15,027	12,176	2,206	644
Georgia.....	10,898	9,131	1,440	327
Idaho.....	3,163	2,584	522	56
Illinois.....	38,727	30,504	6,917	1,306
Indiana.....	14,728	11,840	2,424	465
Iowa.....	12,191	10,823	1,046	322
Kansas.....	8,867	7,275	1,314	278
Kentucky.....	7,661	5,477	1,976	208
Louisiana.....	10,985	7,601	3,092	292
Maine.....	4,444	3,623	640	182
Maryland.....	4,313	2,663	1,534	116
Massachusetts.....	25,797	22,658	2,816	323
Michigan.....	27,727	21,612	5,771	344
Minnesota.....	14,299	12,183	1,857	250
Mississippi.....	5,959	4,704	932	323
Missouri.....	29,766	25,006	4,760	( <sup>1</sup> )
Montana.....	3,236	2,638	490	108
Nebraska.....	7,299	6,296	885	118
Nevada.....	563	563	( <sup>1</sup> )	( <sup>1</sup> )
New Hampshire.....	1,943	1,571	298	74
New Jersey.....	6,997	5,545	1,280	172
New Mexico.....	2,772	1,746	958	69
New York.....	40,580	27,678	11,920	983
North Carolina.....	6,749	4,496	1,740	513
North Dakota.....	2,763	2,152	578	33
Ohio.....	32,028	28,210	3,018	800
Oklahoma.....	32,674	24,828	7,221	625
Oregon.....	6,596	5,862	630	104
Pennsylvania.....	33,107	20,356	12,751	( <sup>1</sup> )
Rhode Island.....	2,555	1,863	662	30
South Carolina.....	5,046	3,867	985	194
South Dakota.....	3,238	2,633	562	43
Tennessee.....	9,263	5,876	3,119	268
Texas.....	40,644	36,594	2,945	1,104
Utah.....	4,475	3,603	833	40
Vermont.....	1,289	1,030	210	48
Virginia.....	3,370	2,063	1,129	178
Washington.....	21,525	19,290	2,038	197
West Virginia.....	5,026	2,682	2,214	130
Wisconsin.....	13,014	10,488	2,190	336
Wyoming.....	1,229	1,075	122	32
Alaska.....	417	350	67	( <sup>2</sup> )
Hawaii.....	695	350	328	17

<sup>1</sup> No approved plan in operation.

<sup>2</sup> Does not administer aid to the blind.

Source: Federal Security Agency, Social Security Administration, Bureau of Public Assistance; Annual Report of the Social Security Administration.

# No. 297.—MATERNAL AND CHILD HEALTH AND WELFARE SERVICES—GRANTS TO STATES: FISCAL YEAR 1946-47

(In thousands. Based on checks issued)

STATE OR OTHER AREA	MATERNAL AND CHILD HEALTH SERVICES			SERVICES FOR CRIPPLED CHILDREN			Child welfare services	Emergency maternity and infant care
	Total	Fund A	Fund B	Total	Fund A	Fund B		
<b>Total</b>	<b>\$10,572.2</b>	<b>\$5,327.0</b>	<b>\$5,345.2</b>	<b>\$7,412.7</b>	<b>\$3,669.5</b>	<b>\$3,743.2</b>	<b>\$2,009.9</b>	<b>\$10,953.3</b>
Alabama	355.0	119.8	235.3	230.6	85.6	145.0	93.8	136.8
Arizona	67.2	30.3	37.0	145.6	39.1	106.5	22.1	54.3
Arkansas	217.9	96.6	121.3	149.9	63.0	86.9	52.4	109.2
California	349.2	283.3	65.9	396.9	236.8	160.1	53.4	1,188.4
Colorado	173.4	69.8	103.5	131.3	46.6	84.7	12.7	80.6
Connecticut	171.8	78.3	93.5	143.7	50.9	92.9	18.9	234.6
Delaware	43.1	27.9	15.2	29.4	13.9	15.5	17.4	37.4
District of Columbia	134.4	54.9	79.5	187.6	79.1	107.9	19.4	95.0
Florida	316.4	98.9	217.5	280.6	96.7	183.9	13.8	107.2
Georgia	368.2	131.4	236.7	140.6	81.6	58.9	50.6	127.6
Idaho	98.4	37.8	60.6	52.0	33.6	18.3	18.7	38.2
Illinois	299.8	256.7	43.1	200.7	140.6	60.1	30.4	540.7
Indiana	157.5	119.4	38.1	89.1	71.8	17.3	36.0	302.8
Iowa	90.1	73.0	17.2	136.0	60.7	75.3	50.6	195.0
Kansas	207.0	79.2	127.7	49.0	42.6	6.4	15.2	177.0
Kentucky	328.0	115.9	212.1	231.7	144.5	86.9	74.6	158.7
Louisiana	407.9	120.0	287.9	137.5	73.0	54.5	48.6	169.8
Maine	113.0	37.4	75.7	61.6	40.7	40.9	26.4	55.9
Maryland	215.8	90.3	125.5	122.1	61.6	60.5	38.2	244.6
Massachusetts	248.8	133.6	115.2	167.2	91.2	76.0	23.9	254.0
Michigan	276.1	170.9	105.2	233.9	153.4	80.5	70.6	603.8
Minnesota	116.0	86.5	29.6	171.4	57.5	113.9	49.8	144.7
Mississippi	362.2	111.0	251.3	194.0	69.4	124.7	61.9	132.0
Missouri	173.0	138.8	34.2	140.3	83.7	56.6	56.4	202.4
Montana	56.2	26.0	30.3	32.7	26.4	4.4	29.4	37.3
Nebraska	109.2	57.1	52.1	85.1	48.4	36.7	17.3	118.6
Nevada	42.5	15.6	26.8	60.6	14.8	45.7	16.4	9.6
New Hampshire	90.5	51.3	39.2	52.2	31.9	20.3	27.6	36.1
New Jersey	161.3	134.7	26.6	176.4	78.4	98.0	24.4	179.4
New Mexico	200.8	44.6	156.1	74.8	39.3	35.6	28.6	68.6
New York	406.4	346.8	59.6	153.2	143.2	10.0	52.5	2,050.2
North Carolina	275.3	159.4	115.9	205.4	99.5	105.9	81.1	159.3
North Dakota	106.8	47.9	58.9	90.5	37.2	53.2	18.5	67.7
Ohio	226.5	171.2	55.3	182.4	131.0	51.4	58.3	264.0
Oklahoma	173.4	72.4	101.0	157.9	62.6	95.3	34.7	157.8
Oregon	100.4	59.1	47.3	114.4	46.8	67.6	26.9	124.9
Pennsylvania	373.4	290.4	113.0	269.9	171.9	98.0	91.6	447.0
Rhode Island	54.5	40.8	13.7	66.8	25.8	40.9	15.1	16.7
South Carolina	324.6	101.4	223.3	220.1	68.9	151.2	57.9	125.5
South Dakota	23.6	23.6	.	64.4	34.3	30.1	23.6	42.1
Tennessee	240.9	139.2	101.7	119.6	83.3	36.5	43.2	95.8
Texas	493.0	230.6	262.3	215.8	122.3	93.5	82.0	235.0
Utah	96.6	45.1	51.6	126.1	40.6	85.4	20.2	60.5
Vermont	74.4	39.3	35.2	33.2	17.5	17.7	16.4	24.9
Virginia	361.8	150.2	231.6	185.1	78.1	107.0	38.2	248.1
Washington	207.6	103.8	103.8	108.8	35.8	133.1	21.0	438.2
West Virginia	212.3	68.2	114.0	192.8	60.7	132.1	67.5	155.5
Wisconsin	185.7	134.3	51.3	148.9	67.9	81.0	53.6	155.6
Wyoming	29.7	16.2	13.5	10.9	10.9	...	9.6	14.4
Alaska	120.9	38.4	82.5	135.7	69.5	66.2	20.2	7.1
Hawaii	151.8	50.8	101.0	87.2	37.4	49.8	9.5	113.8
Puerto Rico	428.6	118.9	309.7	173.9	53.5	120.5	58.6	29.4
Virgin Islands	26.2	16.2	8.0	13.6	11.7	1.9	10.0	...

Source: Federal Security Agency, Social Security Administration, Children's Bureau, Annual Report of the Social Security Administration.



### No. 298.—CIVIL SERVICE RETIREMENT ACT—ANNUITIES AND LUMP-SUM PAYMENTS: 1937 TO 1947

[Dollar amounts in thousands. See general note, p. 240]

JUNE 30 OR YEAR ENDING JUNE 30—	ANNUITIES <sup>1</sup>					LUMP-SUM PAYMENTS					
	Num- ber certi- fied	Num- ber termi- nated	Number in force		Annual value	Separated em- ployees <sup>2</sup>		Deceased em- ployees <sup>3</sup>		Deceased an- nuityants <sup>4</sup>	
			Total	Disa- bility		Num- ber	Amount	Num- ber	Amount	Num- ber	Amount
1937	5,481	3,381	53,306	12,044	52,282	14,403	\$3,059	2,976	\$2,856	2,084	\$1,303
1938	6,153	3,329	56,130	13,340	54,887	18,252	3,783	3,021	3,135	2,283	1,406
1939	5,798	3,541	58,385	14,315	57,074	14,800	2,727	2,871	3,155	2,242	1,405
1940	7,267	3,625	62,027	15,294	59,879	15,183	2,857	2,812	3,738	2,148	1,483
1941	8,223	4,132	66,118	16,768	63,468	21,100	3,618	3,738	4,290	2,775	1,726
1942	7,504	4,443	69,179	18,032	66,456	45,592	5,596	3,780	3,904	2,311	1,686
1943	9,679	4,886	73,972	19,002	71,450	111,363	7,178	6,312	4,987	2,658	2,003
1944	10,041	5,659	78,354	21,158	75,653	390,284	21,536	9,061	5,155	2,915	2,263
1945	12,380	5,511	85,225	23,389	82,346	600,858	62,377	16,374	7,441	3,082	2,476
1946	16,034	5,113	96,146	26,827	91,887	1,450,434	185,088	17,924	8,546	2,990	2,563
1947	22,158	6,888	111,416	31,502	103,321	942,026	178,853	17,304	10,372	3,971	3,710

<sup>1</sup> Through June 30, 1940, data relate entirely to employees retired voluntarily or involuntarily under various age and length of service requirements and to employees with at least 5 years of service who became totally disabled for the position occupied prior to eligibility for retirement. Beginning Jan. 1, 1940, employees may elect a joint and survivor annuity; number of survivor annuities in force as of June 30 increased from 26 in 1941 to 371 in 1947. Beginning Jan. 24, 1942, employees with at least 5 years service who separate voluntarily or involuntarily prior to eligibility for retirement may obtain deferred annuity at age 62; such annuitants increased from 6 as of June 30, 1942, to 12,192 as of June 30, 1947.

<sup>2</sup> Through Jan. 23, 1942, data relate to refunds of amounts to employees' credit in fund paid to employees not eligible for an annuity or, if eligible, elected to take a refund. Beginning Jan. 24, 1942, data relate to refunds for service prior to Jan. 24, 1942, for employees separated on or after that date with at least 5 years service and refunds to employees separated on or after that date with less than 5 years service.

<sup>3</sup> Data relate to refunds of amounts to employees' credit paid to designated or other beneficiaries of employees who died while in service or after separation.

<sup>4</sup> Beginning Sept. 1, 1934, data relate primarily to refunds of balance of amount to annuitants' credit at time of death paid to designated or other beneficiaries of annuitants. Includes refunds to disability annuitants whose entitlement to an annuity was terminated.

Source: Civil Service Commission, annual retirement report.

### No. 299.—CANAL ZONE AND ALASKA RAILROAD RETIREMENT ACTS—ANNUITIES AND LUMP-SUM PAYMENTS: 1937 TO 1947

[See general note, p. 240]

JUNE 30 OR YEAR ENDING JUNE 30—	ANNUITIES				LUMP-SUM PAYMENTS						
	Number certi- fied	Number termi- nated	Number in force		Annual value	Separated em- ployees		Deceased em- ployees		Deceased an- nuityants	
			Total	Disa- bility		Num- ber	Amount	Num- ber	Amount	Num- ber	Amount
CANAL ZONE RETIREMENT ACT											
1937	84	28	458	135	\$802,171	84	\$36,882	14	\$27,133	16	\$17,020
1938	84	31	807	189	682,356	168	72,968	11	19,002	25	27,615
1939	84	15	578	155	776,155	131	54,773	26	39,573	11	14,933
1940	84	11	611	164	819,966	126	35,679	28	39,416	11	26,360
1941	84	29	672	189	904,840	514	96,415	27	56,817	29	27,611
1942	56	34	694	191	944,328	1,094	238,785	19	32,290	22	30,109
1943	88	47	736	211	1,019,684	1,345	282,515	23	44,308	20	26,012
1944	94	44	785	232	1,122,944	1,678	327,476	36	55,571	22	23,425
1945	114	52	847	256	1,228,335	1,991	264,857	26	27,776	24	38,396
1946	126	42	931	261	1,389,160	1,338	363,183	25	41,279	24	37,600
1947	133	47	1,017	279	1,550,843	1,215	339,094	32	62,424	33	60,428
ALASKA RAILROAD RETIREMENT ACT											
1937	32	—	32	1	37,159	2	8	2	23	—	—
1938	19	3	48	7	50,526	213	6,565	2	241	3	1,299
1939	14	3	59	11	58,937	90	7,316	5	1,363	2	2,839
1940	14	5	66	13	66,816	71	10,690	9	3,589	7	6,563
1941	16	3	81	16	79,399	90	15,060	6	2,480	3	2,798
1942	18	5	94	21	92,537	29	5,517	4	3,850	2	1,214
1943	16	5	106	24	101,924	212	33,446	6	1,184	5	4,422
1944	23	10	118	28	118,207	261	62,617	8	6,225	3	1,989
1945	10	3	125	28	126,107	166	41,354	11	8,232	2	2,116
1946	28	9	144	27	151,764	813	84,817	5	4,990	2	2,553
1947	22	10	166	28	166,315	796	109,299	16	8,685	5	2,775

Source: Civil Service Commission, annual retirement report.

### No. 800.—CIVIL SERVICE RETIREMENT ACT—DISTRIBUTION OF ANNUITANTS ON THE ROLL BY AMOUNT OF ANNUITY AND LAST OCCUPATION

AMOUNT OF ANNUITY	NUMBER OF ANNUITANTS AS OF JUNE 30			OCCUPATION	NUMBER OF ANNUITANTS AS OF JUNE 30	
	1943	1946	1947		1943	1944 <sup>1</sup>
<b>Total</b> .....	<b>85,238</b>	<b>96,146</b>	<b>111,416</b>	<b>Total</b> .....	<b>73,972</b>	<b>78,354</b>
Under \$300.....	2,849	5,631	10,932	Clerical, technical, and administrative employees.....	19,297	21,833
\$300-\$500.....	10,879	13,007	16,918	Mechanics.....	12,355	13,077
\$500-\$800.....	16,827	18,548	20,545	City letter carriers.....	10,570	10,974
\$800-\$1,100.....	19,691	21,355	23,244	Rural letter carriers.....	10,415	10,545
\$1,100.....	27,510	23,926	23,770	Post-office clerks.....	8,848	9,183
\$1,301-\$1,499.....	4,053	8,774	10,004	Railway postal clerks.....	4,863	4,844
\$1,500-\$1,799.....	1,146	2,408	2,874	Laborers.....	5,569	5,714
\$1,800-\$2,099.....	524	1,067	1,352	Employees in tropical service or hazardous jobs.....	1,128	1,172
\$2,100 and over.....	745	1,410	1,777	Indian field service.....	844	864
<b>Average annuity</b> .....	<b>\$960</b>	<b>\$956</b>	<b>\$927</b>	Survivor annuitants.....	92	148

<sup>1</sup> Later data not available.

Source: Civil Service Commission, annual retirement report.

### No. 801.—FEDERAL RETIREMENT SYSTEMS OTHER THAN CIVIL SERVICE—BENEFICIARIES AND PAYMENTS: FOR SELECTED FISCAL YEARS, 1935 TO 1946

[Fiscal year ending June 30; corrected to January 5, 1948]

SYSTEM	NUMBER OF BENEFICIARIES				PAYMENTS (IN THOUSANDS)			
	1935	1940	1943	1946	1935	1940	1945	1946
<b>Noncontributory retirement systems, total</b> .....	<b>23,776</b>	<b>32,306</b>	<b>37,614</b>	<b>51,477</b>	<b>\$32,258</b>	<b>\$43,309</b>	<b>\$65,428</b>	<b>\$80,455</b>
Army.....	14,161	15,760	16,998	23,098	23,444	27,121	36,745	40,331
Navy.....	6,869	12,529	11,981	20,011	11,937	19,901	19,298	31,456
Marine Corps.....	894	1,383	1,717	2,540	1,480	2,624	2,687	3,818
Coast Guard <sup>1</sup> .....	1,265	1,700	2,099	2,899	1,465	2,181	3,179	4,077
Lighthouse Service.....	524	718	832	846	513	803	932	989
Coast and Geodetic Survey.....	6	10	9	19	17	35	30	51
Public Health Service.....	47	68	81	101	176	258	315	358
Retired Federal judges.....	20	35	43	42	226	406	467	463
Canal Zone <sup>2</sup> .....			1,854	1,921			1,775	1,962
<b>Contributory retirement systems:<sup>3</sup></b>								
Total benefits and refunds.....	1,406	2,668	16,151	( <sup>4</sup> )	469	1,190	3,147	( <sup>4</sup> )
Total benefits.....	248	711	1,198	( <sup>4</sup> )	390	872	1,519	( <sup>4</sup> )
<b>Retirement, disability, and survivor monthly benefits, total</b> .....	<b>194</b>	<b>643</b>	<b>1,004</b>	<b>(<sup>4</sup>)</b>	<b>230</b>	<b>683</b>	<b>1,172</b>	<b>(<sup>4</sup>)</b>
Foreign Service.....	68	97	168	196	183	297	525	554
Federal Reserve banks <sup>5</sup> .....	126	532	771	872	42	373	606	742
Tennessee Valley Authority.....		1	20	( <sup>4</sup> )		( <sup>6</sup> )	10	15
Bureau Comptroller of Currency <sup>7</sup> .....		13	25	( <sup>4</sup> )		13	31	( <sup>4</sup> )
<b>Survivor lump-sum payments, total<sup>8</sup></b> .....	<b>54</b>	<b>68</b>	<b>104</b>	<b>(<sup>4</sup>)</b>	<b>160</b>	<b>189</b>	<b>347</b>	<b>(<sup>4</sup>)</b>
Foreign Service.....	1	3	0	0	( <sup>4</sup> )	1	0	0
Federal Reserve banks <sup>5</sup> .....	53	57	75	73	160	176	297	200
Tennessee Valley Authority.....		8	20	( <sup>4</sup> )		9	22	16
Bureau Comptroller of Currency <sup>7</sup> .....		1	9	( <sup>4</sup> )		3	28	( <sup>4</sup> )
<b>Refunds<sup>9</sup></b> .....	<b>1,158</b>	<b>1,960</b>	<b>15,073</b>	<b>(<sup>4</sup>)</b>	<b>78</b>	<b>308</b>	<b>1,628</b>	<b>(<sup>4</sup>)</b>
Foreign Service.....	12	14	5	( <sup>4</sup> )	17	48	12	51
Federal Reserve banks <sup>5</sup> .....	1,146	1,943	9,490	8,111	61	233	890	1,147
Tennessee Valley Authority.....		228	5,500	( <sup>4</sup> )		8	672	901
Bureau Comptroller of Currency <sup>7</sup> .....		45	88	( <sup>4</sup> )		24	54	( <sup>4</sup> )

<sup>1</sup> Includes life-saving service.

<sup>2</sup> Special system for workers on the Panama Canal during the construction period; administered by the Civil Service Commission.

<sup>3</sup> Excludes system for civilian instructors of Naval Academy.

<sup>4</sup> Not available.

<sup>5</sup> Data adjusted from figures for fiscal years ending February 28.

<sup>6</sup> Less than \$500.

<sup>7</sup> Data adjusted from figures for calendar years.

<sup>8</sup> Number of deceased active and retired members, and amount of payments.

<sup>9</sup> Return of members' contributions with interest on separation from employment.

Source: Federal Security Agency, Social Security Administration, Bureau of Research and Statistics.

No. 802.—STATE AND LOCAL GOVERNMENT EMPLOYEE RETIREMENT SYSTEMS—  
EXTENT OF COVERAGE, BY STATE AREA: JANUARY 1942

STATE AREA	ALL EMPLOYEES (NUMBER)			EMPLOYEES COVERED BY RETIREMENT SYSTEMS (NUMBER)				MONTHLY PAY ROLLS		
	Total	School	Non-school	Total covered	Per-cent of all employees	School	Non-school	Total amount (in thousands)	Covered by retirement systems	
									Amount (in thousands)	Per-cent
Total.....	3, 249, 290	1, 314, 539	1, 934, 751	1, 494, 714	46. 0	773, 644	721, 070	\$386, 497	\$231, 069	59. 8
Alabama.....	47, 421	24, 645	22, 776	2, 760	5. 8	-----	2, 760	3, 706	349	9. 4
Arizona.....	12, 304	5, 063	7, 241	3, 951	32. 1	3, 500	451	1, 722	675	39. 2
Arkansas.....	32, 483	18, 265	14, 218	12, 769	39. 3	12, 100	669	2, 143	820	38. 3
California.....	192, 970	63, 567	129, 403	147, 468	76. 4	63, 567	83, 901	30, 744	26, 426	86. 0
Colorado.....	31, 243	13, 673	17, 570	8, 626	27. 6	3, 422	5, 204	3, 597	1, 324	36. 8
Connecticut.....	42, 728	13, 499	29, 229	29, 656	69. 4	12, 023	17, 633	6, 035	4, 783	79. 3
Delaware.....	7, 208	2, 863	4, 345	1, 065	14. 8	466	599	844	185	21. 9
Dist. of Col. <sup>1</sup> .....	15, 369	4, 369	11, 000	5, 700	37. 1	3, 230	2, 470	2, 485	1, 367	55. 0
Florida.....	50, 119	18, 261	31, 858	28, 090	56. 0	13, 190	14, 900	4, 999	3, 106	62. 1
Georgia.....	57, 457	30, 676	26, 781	8, 204	14. 3	4, 477	3, 727	4, 784	1, 036	21. 7
Idaho.....	13, 836	6, 219	7, 617	-----	-----	-----	-----	1, 456	-----	-----
Illinois.....	170, 508	63, 766	106, 742	88, 164	51. 7	48, 517	39, 647	23, 272	16, 812	72. 2
Indiana.....	80, 720	37, 387	43, 333	25, 988	32. 2	21, 000	4, 988	8, 904	3, 762	42. 3
Iowa.....	67, 923	34, 495	33, 428	3, 707	5. 4	2, 187	1, 520	6, 207	590	9. 5
Kansas.....	57, 602	27, 557	30, 045	16, 990	29. 5	15, 439	1, 551	4, 852	1, 823	37. 6
Kentucky.....	47, 794	25, 629	22, 165	22, 414	46. 9	19, 864	2, 550	4, 201	1, 999	47. 6
Louisiana.....	59, 901	26, 320	33, 581	20, 176	33. 7	17, 514	2, 662	5, 407	2, 318	42. 9
Maine.....	26, 747	9, 555	17, 192	13, 514	50. 5	6, 607	6, 907	2, 048	1, 235	60. 3
Maryland.....	39, 048	13, 780	25, 268	23, 000	60. 4	10, 101	13, 499	4, 434	2, 736	61. 7
Massachusetts.....	116, 376	34, 969	81, 407	76, 443	65. 7	23, 898	52, 545	15, 990	12, 002	75. 1
Michigan.....	143, 792	50, 372	93, 420	68, 004	47. 3	44, 159	23, 845	19, 259	11, 857	61. 6
Minnesota.....	86, 371	33, 156	53, 215	37, 649	43. 6	13, 615	24, 034	8, 593	5, 132	59. 7
Mississippi.....	42, 440	23, 527	18, 913	754	1. 8	432	322	2, 745	124	4. 5
Missouri.....	77, 897	34, 121	43, 776	4, 248	5. 5	-----	4, 248	8, 257	711	8. 6
Montana.....	16, 544	7, 783	8, 761	5, 838	35. 3	5, 504	334	1, 881	496	26. 4
Nebraska.....	39, 219	18, 239	20, 980	1, 731	4. 4	1, 090	641	3, 038	284	9. 3
Nevada.....	4, 135	1, 528	2, 607	1, 002	24. 2	899	103	559	174	31. 1
New Hampshire.....	18, 186	4, 600	13, 586	1, 436	7. 9	834	602	1, 449	195	13. 5
New Jersey.....	102, 550	36, 785	65, 765	60, 028	58. 5	29, 430	30, 598	16, 334	10, 244	62. 7
New Mexico.....	12, 930	7, 228	5, 702	7, 435	57. 5	7, 228	207	1, 376	806	58. 6
New York.....	400, 997	110, 099	290, 898	303, 500	75. 7	104, 615	198, 885	67, 684	59, 901	88. 5
North Carolina.....	65, 864	35, 638	30, 226	2, 832	4. 3	-----	2, 832	5, 785	396	6. 8
North Dakota.....	21, 068	10, 298	10, 770	7, 959	37. 8	7, 767	192	1, 346	559	41. 5
Ohio.....	175, 459	67, 329	108, 130	128, 359	73. 2	59, 042	69, 317	20, 633	15, 566	75. 4
Oklahoma.....	51, 155	27, 831	23, 324	1, 235	2. 4	-----	1, 235	5, 099	149	2. 9
Oregon.....	31, 388	13, 670	17, 718	2, 373	7. 6	1, 332	1, 041	3, 516	454	12. 9
Pennsylvania.....	222, 147	87, 998	134, 149	146, 921	66. 1	84, 397	62, 524	27, 039	18, 869	69. 8
Rhode Island.....	17, 753	5, 840	11, 913	11, 031	62. 1	4, 257	6, 774	2, 226	1, 619	72. 7
South Carolina.....	37, 043	20, 243	16, 800	1, 641	4. 4	260	1, 381	2, 971	187	6. 3
South Dakota.....	26, 823	10, 020	16, 803	443	1. 7	-----	443	1, 578	69	4. 4
Tennessee.....	55, 627	29, 640	25, 987	8, 292	14. 9	3, 945	4, 347	4, 572	1, 058	23. 1
Texas.....	148, 007	83, 137	64, 870	53, 230	36. 0	47, 754	5, 476	13, 931	5, 893	42. 3
Utah.....	19, 054	8, 706	10, 348	6, 288	33. 0	5, 855	433	1, 864	844	45. 3
Vermont.....	11, 021	5, 600	5, 421	1, 168	10. 6	595	573	848	113	13. 3
Virginia.....	58, 447	27, 312	31, 135	20, 504	35. 1	18, 660	1, 844	5, 160	1, 938	37. 6
Washington.....	52, 715	19, 102	33, 613	20, 100	38. 1	12, 808	7, 292	6, 776	3, 029	44. 7
West Virginia.....	40, 520	25, 144	15, 376	18, 573	45. 8	17, 816	757	4, 128	2, 001	48. 5
Wisconsin.....	92, 011	30, 755	61, 256	32, 520	35. 3	20, 170	12, 350	9, 181	4, 998	54. 4
Wyoming.....	8, 370	4, 280	4, 090	335	4. 0	78	257	839	55	6. 6

<sup>1</sup> Includes District employees covered by the District systems (teachers, policemen, and firemen) but excludes District employees covered by Federal Retirement System.

Source: Department of Commerce, Bureau of the Census; Special Study No. 17, Retirement Systems for State and Local Government Employees, 1941.

# 11. Income and Expenditures

[Data in this section relate to continental United States]

## No. 306.—NATIONAL INCOME BY DISTRIBUTIVE SHARES: 1929 to 1947

[National income is aggregate earnings of labor and property which arise from current production of goods and services by the Nation's economy. Thus, it measures total factor costs of goods and services produced by the economy. Nation's economy refers to labor and property supplied by residents of the Nation. Earnings are recorded in forms in which they accrue to residents of the Nation, inclusive of taxes on those earnings]

[In millions of dollars]

TYPE OF SHARE	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
National income.....	87,355	75,003	58,873	41,690	39,584	48,513	56,789	66,941	73,627	67,375
Compensation of employees.....	50,788	46,615	39,470	30,826	29,330	34,067	37,107	42,675	47,690	44,747
Wages and salaries.....	50,165	45,894	38,886	30,284	28,825	33,520	36,508	41,764	45,948	42,812
Private.....	45,206	40,720	33,607	25,297	23,680	27,420	29,984	33,806	38,432	34,564
Military.....	312	315	308	295	270	271	308	338	358	370
Government civilian <sup>1</sup> .....	4,647	4,859	4,971	4,692	4,895	5,829	6,218	7,550	7,158	7,878
Supplements to wages and salaries.....	621	621	684	642	805	647	609	921	1,748	1,835
Employer contributions for social insurance.....	101	106	111	120	133	147	171	418	1,234	1,423
Other labor income.....	530	515	473	416	372	400	428	503	514	512
Income of unincorporated enterprises and inventory valuation adjustment.....	13,927	10,963	8,214	4,921	5,207	6,608	9,858	12,164	12,249	10,768
Business and professional.....	8,262	7,032	5,316	3,206	2,925	4,278	6,987	8,074	8,830	6,347
Income of unincorporated enterprises.....	8,120	6,277	4,705	2,911	3,450	4,330	5,037	6,194	6,659	6,126
Inventory valuation adjustment.....	142	755	611	295	-525	-54	-50	-120	-29	221
Farm <sup>2</sup> .....	5,663	3,931	2,898	1,715	2,282	2,327	4,871	6,090	6,619	4,421
Rental income of persons.....	5,811	4,786	3,620	2,508	2,018	2,095	2,288	2,682	3,140	3,278
Corporate profits and inventory valuation adjustment.....	10,290	6,563	1,631	-1,995	-1,081	1,098	2,997	4,946	6,106	4,292
Corporate profits before tax.....	9,818	3,303	-783	-3,042	162	1,723	3,224	5,084	6,197	3,329
Corporate profits tax liability.....	1,398	848	500	382	524	746	905	1,411	1,612	1,040
Corporate profits after tax.....	8,420	2,455	-1,283	-3,424	-362	977	2,259	4,273	4,685	2,289
Dividends.....	6,823	5,500	4,098	2,674	2,066	2,396	2,872	4,557	4,603	3,195
Undistributed profits.....	2,597	-3,045	-5,381	-5,998	-2,428	-1,619	-613	-284	-8	-906
Inventory valuation adjustment.....	472	3,260	2,414	1,047	-2,143	-625	-227	-738	-31	963
Net interest.....	6,541	6,176	5,938	5,430	5,010	4,750	4,539	4,474	4,376	4,200

TYPE OF SHARE	1939	1940	1941	1942	1943	1944	1945	1946	1947
National income.....	72,532	81,347	103,834	136,486	168,263	182,260	182,608	178,204	202,598
Compensation of employees.....	47,820	51,786	64,280	84,689	100,102	121,184	122,872	116,763	128,139
Wages and salaries.....	45,745	49,587	61,708	81,681	105,537	116,944	117,561	111,113	122,708
Private.....	37,519	41,130	51,537	65,628	78,671	83,317	82,085	90,237	105,190
Military.....	398	591	1,662	6,285	14,478	20,782	22,438	8,010	4,130
Government civilian <sup>1</sup> .....	7,828	7,866	8,309	9,768	12,388	12,845	13,028	12,806	13,446
Supplements to wages and salaries.....	2,076	2,199	2,572	3,008	3,565	4,240	5,321	6,650	5,373
Employer contributions for social insurance.....	1,540	1,624	1,963	2,302	2,677	2,938	3,805	4,072	3,598
Other labor income.....	535	575	589	706	888	1,304	1,616	1,678	1,775
Income of unincorporated enterprises and inventory valuation adjustment.....	11,282	12,560	16,504	22,724	25,951	27,690	30,166	34,951	40,539
Business and professional.....	6,776	7,720	9,806	12,112	14,128	15,310	16,700	19,738	23,525
Income of unincorporated enterprises.....	6,942	7,772	10,210	12,464	14,266	15,369	16,754	21,046	( <sup>3</sup> )
Inventory valuation adjustment.....	-166	-52	-644	-352	-138	-59	-54	1,308	( <sup>3</sup> )
Farm <sup>2</sup> .....	4,506	4,940	6,938	10,612	11,823	12,380	13,465	15,213	17,014
Rental income of persons.....	3,465	3,020	4,322	5,371	6,150	6,693	6,952	6,865	7,289
Corporate profits and inventory valuation adjustment.....	5,753	9,177	14,615	19,824	23,692	23,486	19,669	16,451	23,036
Corporate profits before tax.....	6,467	9,825	17,232	21,096	24,516	23,841	20,222	23,140	28,731
Corporate profits tax liability.....	1,463	2,878	7,840	11,665	14,153	13,913	11,283	8,601	11,307
Corporate profits after tax.....	5,005	6,447	9,390	9,433	10,363	9,928	8,939	12,539	17,424
Dividends.....	3,796	4,049	4,465	4,297	4,477	4,689	4,765	5,614	6,763
Undistributed profits.....	1,209	2,398	4,921	5,136	5,886	5,239	4,174	6,925	10,661
Inventory valuation adjustment.....	-714	-148	-2,617	-1,274	-824	-355	-833	-4,680	-5,695
Net interest.....	4,212	4,104	4,113	3,678	3,367	3,207	3,130	3,174	3,595

<sup>1</sup> Includes pay of employees of government enterprises and of permanent U. S. residents employed in U. S. by foreign governments and international organizations.

<sup>2</sup> Inventory valuation adjustment data for farms are not available separately.

<sup>3</sup> Not available.

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce; Survey of Current Business (National Income Supplement, July 1947, and February 1948 issue).

# No. 807.—NATIONAL INCOME BY INDUSTRIAL ORIGIN: 1929 TO 1946

[In millions of dollars. National income originating in each industry is the sum of factor costs incurred by the industry in production. Hence, it is net value added to production by industry, measured at factor costs]

INDUSTRIAL DIVISION	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946
All industries, total.....	87,355	75,003	58,873	41,690	39,584	48,613	56,789	66,941	73,627	67,375	72,532	81,347	103,834	136,486	168,262	182,260	182,808	178,204
Agriculture, forestry, and fisheries.....	8,002	6,022	4,625	3,080	3,521	3,568	6,231	7,549	7,249	6,003	6,120	6,599	8,880	12,937	14,524	15,279	16,500	18,549
Mining, total.....	2,097	1,665	994	680	662	1,173	1,243	1,551	1,941	1,483	1,601	1,903	2,341	2,590	2,739	2,961	2,888	3,118
Anthracite.....	285	281	229	150	130	172	139	146	137	113	126	138	165	190	210	238	225	276
Bituminous and other soft coal.....	652	530	372	239	255	416	446	537	603	457	503	628	809	989	1,125	1,257	1,209	1,282
Contract construction.....	3,691	3,088	2,139	1,030	785	1,034	1,257	1,918	2,017	1,930	2,254	2,593	4,370	6,954	5,605	4,117	4,207	6,063
Manufacturing, total.....	22,012	18,270	12,434	7,196	7,563	10,922	13,336	16,183	19,304	14,997	17,936	22,368	32,897	45,144	57,567	59,749	51,754	47,653
Food and kindred products.....	2,157	2,395	1,865	1,408	1,335	1,600	1,882	2,077	2,400	2,255	2,280	2,483	2,683	3,593	4,328	4,994	5,046	5,560
Textile-mill products.....	1,797	1,404	1,147	713	697	1,100	1,200	1,356	1,597	1,093	1,259	1,511	2,036	2,829	3,024	2,920	2,988	3,942
Apparel and other finished fabric products.....	1,240	997	807	491	532	775	841	958	982	910	1,016	1,109	1,429	1,909	2,306	2,525	2,639	3,128
Paper and allied products.....	563	503	388	270	290	419	463	502	562	573	555	660	1,034	1,124	1,242	1,335	1,341	1,743
Printing and publishing.....	1,580	1,490	1,213	880	790	925	1,037	1,161	1,246	1,132	1,206	1,247	1,359	1,442	1,750	2,051	2,224	2,602
Chemicals and allied products.....	1,136	1,035	827	557	690	725	810	959	1,165	1,005	1,205	1,489	1,941	2,751	3,293	3,374	3,297	3,213
Iron and steel and their products.....	2,978	2,212	1,109	410	682	1,065	1,478	2,061	2,586	1,592	2,259	3,057	5,048	6,883	9,000	8,969	7,308	5,878
Nonferrous metals and their products.....	767	640	415	197	155	385	469	561	702	440	594	793	1,201	1,479	1,903	1,884	1,597	1,681
Machinery (except electrical).....	1,903	1,485	765	298	426	735	1,021	1,398	1,759	1,247	1,492	2,181	3,850	5,379	5,917	5,794	5,110	4,467
Electrical machinery.....	1,048	824	502	244	276	376	526	708	908	659	850	1,136	1,915	2,492	3,328	3,714	3,133	2,249
Transportation equipment except automobiles.....	317	288	142	89	69	119	139	231	332	264	397	813	2,276	6,192	12,049	12,452	7,773	2,394
Wholesale and retail trade, total.....	13,090	11,998	9,604	6,290	5,375	7,892	9,006	10,319	11,938	11,652	12,126	13,748	15,903	18,186	21,363	23,807	26,551	32,841
Wholesale trade.....	3,965	3,777	2,963	1,994	1,631	2,297	2,726	3,005	3,693	3,507	3,558	4,108	4,708	5,460	6,067	6,777	7,458	8,972
Retail trade and auto. services.....	9,135	8,221	6,641	4,296	3,744	5,595	6,280	7,314	8,245	8,145	8,568	9,640	11,195	12,726	15,296	17,030	19,093	23,869
Finance, insurance, and real estate, total.....	13,098	10,693	8,511	6,452	5,681	5,861	6,294	7,165	7,943	8,026	8,216	8,489	9,523	10,969	12,183	13,124	13,771	14,763
Banking.....	1,960	1,478	984	728	493	541	665	776	892	842	876	973	1,088	1,174	1,379	1,619	1,713	2,070
Insurance carriers, agents, and combination offices.....	1,321	1,222	1,094	924	881	991	1,075	1,168	1,321	1,329	1,345	1,328	1,395	1,519	1,614	1,712	1,806	2,166
Real estate.....	8,978	7,853	6,402	4,778	4,060	4,099	4,313	4,833	5,353	5,463	5,675	5,903	6,743	7,840	8,722	9,821	9,661	9,833
Transportation, total.....	6,562	5,513	4,285	3,133	2,958	3,326	3,612	4,168	4,530	3,961	4,543	4,915	6,188	8,459	10,593	11,184	10,821	10,202
Railroads.....	4,600	3,753	2,814	1,965	1,849	2,040	2,266	2,614	2,797	2,368	2,735	2,934	3,779	5,550	6,930	6,925	6,303	5,572
Communications and public utilities, total.....	2,878	2,787	2,025	2,261	2,000	2,195	2,285	2,478	2,713	2,713	2,863	3,039	3,313	3,660	3,915	4,008	4,244	4,747
Telephone and telegraph.....	1,130	1,097	991	794	692	740	779	841	923	948	1,008	1,022	1,135	1,367	1,546	1,641	1,809	2,010
Utilities: electric and gas.....	1,640	1,606	1,562	1,404	1,237	1,359	1,405	1,522	1,663	1,639	1,716	1,860	2,002	2,113	2,153	2,109	2,158	2,425
Services.....	10,168	9,019	7,714	6,006	5,447	6,106	6,526	7,316	8,049	7,728	8,080	8,637	9,709	10,950	12,242	13,439	14,515	17,020
Government and Government enterprises, total.....	5,114	5,336	5,447	5,171	5,349	6,295	6,747	8,130	7,795	8,548	8,550	8,796	10,479	16,399	27,272	34,366	37,344	23,019
Federal—general government.....	900	935	942	901	1,187	1,718	1,791	3,592	3,036	3,529	3,444	3,537	5,046	10,791	21,288	28,059	30,501	14,862
State and local—general government.....	3,456	3,630	3,737	3,565	3,531	3,884	4,178	3,696	3,889	4,121	4,185	4,280	4,368	4,442	4,622	4,883	5,324	6,349
Rest of the world.....	643	612	495	371	293	241	252	164	148	334	243	260	231	238	259	226	213	239

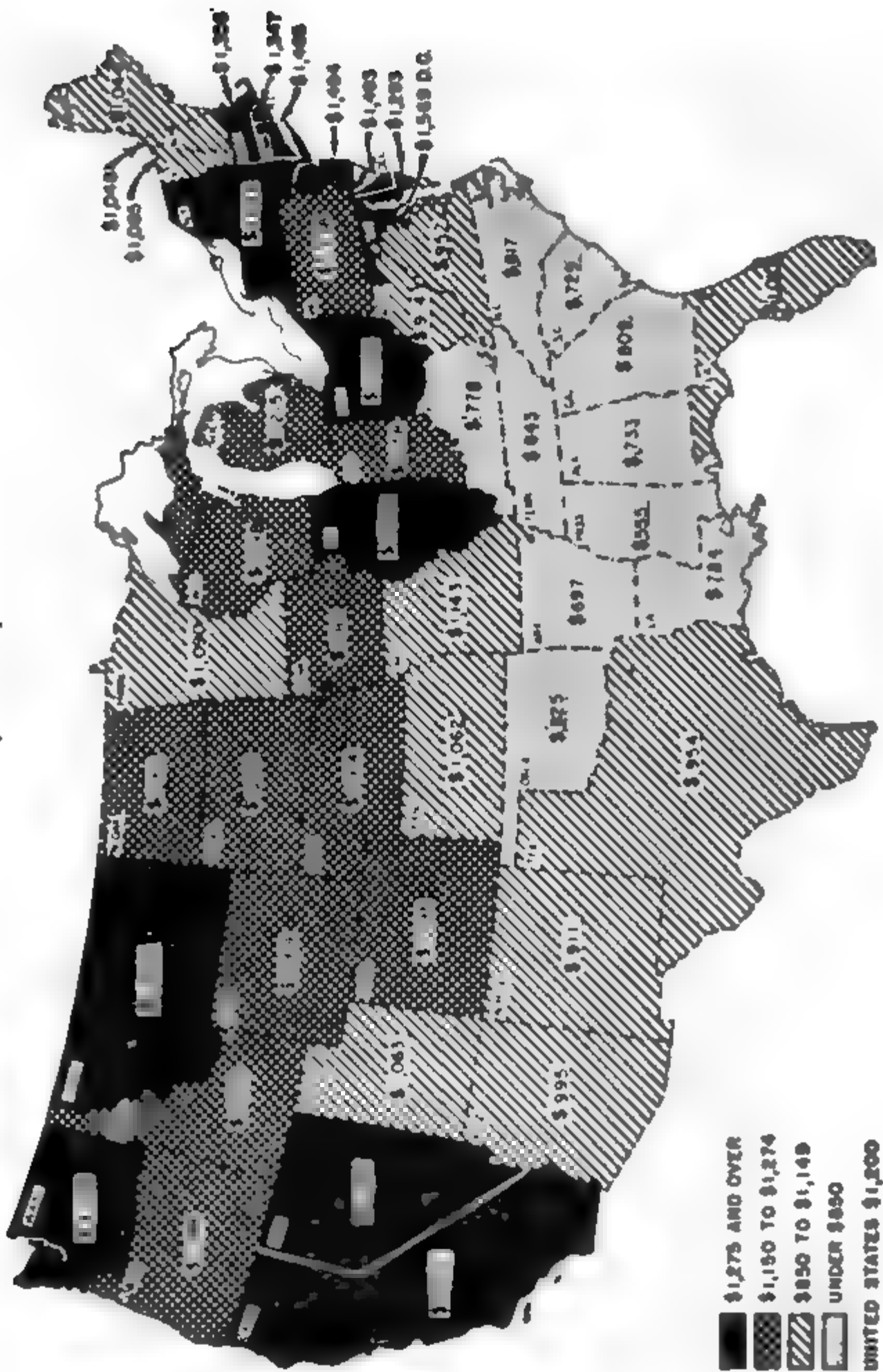
<sup>1</sup> Profits received by domestic corporations from foreign branches excluded here and included in industry of recipient corporation.

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce; Survey of Current Business, National Income Supplement, July 1947.



FIGURE 3.—PER CAPITA INCOME PAYMENTS TO INDIVIDUALS: 1940

[See table 201]





## No. 308.—INCOME PAYMENTS TO INDIVIDUALS, BY STATES: 1929 TO 1946

["Income payments to individuals" is a measure of income received by residents of each State from business establishments and governmental agencies. It comprises income received by individuals in form of (1) wages and salaries, after deduction of employees' contributions to social security, railroad retirement, railroad unemployment insurance, and government retirement programs; (2) proprietors' incomes, representing net income of unincorporated establishments, including farms, before owners' withdrawals; (3) property income, consisting of dividends, interest, and net rents and royalties; and (4) "other" income, which includes public assistance and other direct relief, labor income items such as work relief, government retirement payments, veterans' pensions and benefits, workmen's compensation, and social insurance benefits; mustering-out payments to discharged servicemen; family-allowance payments and voluntary allotments of pay to dependents of military personnel; enlisted men's cash terminal leave payments; and State government bonuses to veterans of World War II. Income payments are distributed among States on a where-received basis (with exception of wages and salaries, as noted below). Only payments made to residents are included in estimates for continental United States and individual States. Per capita income payments are derived by division of total income payments by total population excluding Federal civilian and military personnel stationed outside continental United States. In five instances, however, income was transferred from place of recipients' employment to place of residence before computation of per capita income. These are New York, New Jersey, District of Columbia, Maryland, and Virginia. In this connection, it should be noted that the wage-and-salary component of total income payments is allocated by States on basis of State of employment, rather than of residence. For all States, except the five listed above, it is assumed that State of employment is identical with State of residence.]

STATE	AMOUNT (MILLIONS OF DOLLARS)						PER CAPITA (DOLLARS)					
	1929	1933	1939	1941	1945	1946	1929	1933	1939	1941	1945	1946
United States.....	82,617	46,278	70,601	82,269	155,201	169,373	680	358	539	682	1,177	1,200
Alabama.....	302	419	681	1,037	2,021	2,073	305	154	242	367	747	733
Arizona.....	245	120	227	287	594	627	573	203	461	539	1,026	995
Arkansas.....	562	288	478	658	1,218	1,328	306	132	246	337	659	697
California.....	5,217	3,113	5,047	7,044	13,649	14,879	946	511	741	955	1,503	1,531
Colorado.....	633	358	563	695	1,271	1,380	616	336	506	607	1,185	1,196
Connecticut.....	1,459	888	1,301	1,837	2,435	2,577	918	540	764	1,069	1,468	1,465
Delaware.....	218	127	203	278	393	430	919	513	771	1,018	1,429	1,493
District of Columbia.....	638	495	813	1,040	1,607	1,736	1,191	906	1,031	1,079	1,377	1,669
Florida.....	695	425	819	1,062	2,420	2,372	484	272	442	523	1,049	1,010
Georgia.....	966	596	901	1,241	2,445	2,567	329	200	290	590	813	800
Idaho.....	230	115	213	278	525	568	516	342	411	516	1,112	1,243
Illinois.....	7,036	2,835	5,285	6,889	10,695	12,019	932	431	671	874	1,427	1,486
Indiana.....	1,677	979	1,638	2,437	4,102	4,388	583	298	465	701	1,168	1,158
Iowa.....	1,348	644	1,185	1,527	2,375	2,612	546	258	468	606	996	1,183
Kansas.....	997	474	692	974	1,808	1,992	532	258	369	544	1,076	1,062
Kentucky.....	964	534	839	1,042	1,957	2,163	371	199	297	370	751	778
Louisiana.....	862	487	828	1,066	1,986	1,982	415	222	354	433	822	784
Maine.....	449	297	400	565	847	917	566	364	474	598	1,048	1,044
Maryland.....	1,106	720	1,074	1,516	2,501	2,716	708	441	634	847	1,303	1,293
Massachusetts.....	3,787	2,386	3,106	3,846	5,631	6,289	897	553	719	889	1,340	1,336
Michigan.....	3,543	1,641	3,054	4,271	6,799	7,379	745	348	591	795	1,218	1,215
Minnesota.....	1,443	812	1,378	1,626	2,614	3,062	566	307	497	583	996	1,090
Mississippi.....	544	256	436	630	1,206	1,182	273	123	201	276	570	555
Missouri.....	2,210	1,244	1,832	2,363	3,770	4,349	612	337	486	616	1,063	1,143
Montana.....	325	158	288	372	555	609	602	290	515	671	1,228	1,394
Nebraska.....	764	374	623	655	1,333	1,489	357	275	397	512	1,066	1,164
Nevada.....	74	43	84	107	210	235	817	447	767	907	1,511	1,703
New Hampshire.....	302	200	268	309	460	543	682	429	548	627	977	1,048
New Jersey.....	3,268	1,985	2,859	3,676	5,774	6,161	947	535	746	923	1,516	1,494
New Mexico.....	161	90	179	222	448	491	383	193	341	416	830	911
New York.....	14,479	8,609	11,301	13,384	20,454	22,895	1,125	644	826	955	1,585	1,633
North Carolina.....	966	677	1,090	1,436	2,621	3,031	309	205	308	391	740	817
North Dakota.....	264	126	209	331	566	624	389	190	325	339	1,097	1,162
Ohio.....	4,920	2,601	4,154	5,648	9,114	9,806	745	390	603	619	1,329	1,302
Oklahoma.....	1,079	537	796	956	1,801	1,848	455	226	340	465	849	825
Oregon.....	603	337	587	824	1,631	1,729	640	337	544	723	1,231	1,188
Pennsylvania.....	7,338	4,027	5,819	7,404	11,376	12,437	767	414	589	752	1,220	1,238
Rhode Island.....	579	366	480	651	950	1,006	651	532	678	922	1,333	1,347
South Carolina.....	438	299	493	703	1,303	1,407	282	167	261	359	686	729
South Dakota.....	288	118	227	301	598	673	417	172	351	495	1,112	1,228
Tennessee.....	906	516	853	1,221	2,443	2,535	349	190	295	410	866	843
Texas.....	2,668	1,552	2,554	3,269	6,527	6,748	485	257	401	496	975	954
Utah.....	272	143	243	329	649	689	537	275	443	578	1,073	1,063
Vermont.....	216	127	174	219	331	383	601	351	453	620	1,009	1,085
Virginia.....	987	639	996	1,484	2,648	2,755	422	266	402	568	971	952
Washington.....	1,104	598	1,012	1,581	3,052	3,118	713	369	588	825	1,406	1,346
West Virginia.....	793	474	714	905	1,472	1,666	464	265	378	473	869	914
Wisconsin.....	1,849	938	1,514	2,041	3,418	3,803	634	312	485	654	1,159	1,198
Wyoming.....	154	87	141	174	287	335	687	306	567	649	1,153	1,264

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce; Survey of Current Business, August 1947.

No. 309.—GROSS NATIONAL PRODUCT OR EXPENDITURE: 1929 TO 1947

[Gross national product represents total value of currently produced goods and services flowing to Government, to consumers, and for purposes of gross capital formation to business. Differs from national income by including business taxes, charges to depreciation, and certain other business reserves. These are elements of value of total production, but do not constitute income accruing to individuals]

[Millions of dollars]

ITEM	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
Gross national product.....	103,828	90,857	75,930	58,340	55,760	64,868	72,193	84,705	90,213	84,683
Personal consumption expenditures.....	78,761	70,789	61,153	49,208	46,346	51,882	56,215	62,515	67,121	64,513
Durable goods.....	9,362	7,275	5,569	3,694	3,503	4,255	5,158	6,374	7,005	5,754
Nondurable goods.....	37,742	34,052	28,955	22,743	22,254	26,732	29,377	32,887	35,232	34,032
Services.....	31,657	29,462	26,629	22,771	20,589	20,895	21,680	23,254	24,884	24,727
Gross private domestic investment.....	15,824	10,209	5,362	886	1,306	2,807	6,146	10,540	11,440	6,311
New construction <sup>1</sup> .....	7,824	5,566	3,561	1,668	1,142	1,420	1,890	2,783	3,687	3,309
Producers' durable equipment.....	6,438	4,926	3,162	1,781	1,783	2,531	3,351	4,531	5,444	3,975
Change in business inventories.....	1,562	-283	-1,361	-2,563	-1,619	-1,144	905	3,226	2,309	-973
Net foreign investment.....	771	690	197	169	150	429	-54	-93	62	1,109
Government purchases of goods and services.....	8,472	9,169	9,218	8,077	7,958	9,750	9,886	11,743	11,590	12,750
Federal.....	1,311	1,410	1,537	1,480	2,018	2,991	2,931	4,815	4,552	5,280
War <sup>2</sup> .....	1,344	1,432	1,549	1,484	2,022	2,997	2,935	4,818	4,557	5,286
Nonwar <sup>3</sup> .....										
Less: Government sales <sup>3</sup> .....	33	22	12	4	4	6	4	3	5	6
State and local.....	7,161	7,759	7,681	6,597	5,940	6,759	6,955	6,928	7,038	7,470

ITEM	1939	1940	1941	1942	1943	1944	1945	1946	1947
Gross national product.....	90,426	100,477	125,294	159,628	192,573	210,551	213,120	203,679	229,608
Personal consumption expenditures.....	67,466	72,052	82,255	90,835	101,626	110,417	121,698	143,670	164,375
Durable goods.....	6,729	7,854	9,750	6,845	6,515	6,755	7,977	14,917	19,750
Nondurable goods.....	35,258	37,594	43,960	52,962	61,205	67,190	75,298	87,061	99,300
Services.....	25,479	26,604	28,545	31,028	33,906	36,472	38,423	41,692	45,325
Gross private domestic investment.....	9,004	12,983	17,211	9,330	4,591	5,658	9,058	24,582	27,828
New construction <sup>1</sup> .....	3,986	4,600	5,661	3,212	2,010	2,267	3,146	8,525	10,664
Producers' durable equipment.....	4,577	6,108	7,676	4,702	3,761	5,348	7,134	12,393	17,882
Change in business inventories.....	441	2,275	3,874	1,416	-1,180	-1,957	-1,222	3,664	-718
Net foreign investment.....	888	1,509	1,124	-207	-2,245	-2,099	-754	4,773	8,674
Government purchases of goods and services.....	13,068	13,933	24,704	59,670	88,601	96,575	83,118	30,654	28,731
Federal.....	5,157	6,170	16,923	52,027	81,223	89,029	74,963	20,671	16,429
War <sup>2</sup> .....	1,258	2,223	13,794	49,567	80,384	88,638	76,172	21,293	17,729
Nonwar <sup>3</sup> .....	3,908	3,956	3,173	2,664	1,480	1,552	1,011	2,383	
Less: Government sales <sup>3</sup> .....	9	9	44	204	641	1,161	2,220	3,005	1,300
State and local.....	7,911	7,763	7,781	7,643	7,378	7,546	8,155	9,983	12,302

<sup>1</sup> Includes construction expenditures for crude petroleum and natural gas drilling.  
<sup>2</sup> Classification of purchases of goods and services into war and nonwar conforms, in general, to Daily Treasury Statement classification of general and special account expenditures. War purchases include also that part of capital formation of government enterprises which is attributable to their war activities. Government contributions to National Service Life Insurance Fund are classified as war; all other government contributions for social insurance, as nonwar.  
<sup>3</sup> Consists of sales abroad and domestic sales of surplus consumption goods and materials.

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce; Survey of Current Business (National Income Supplement, July 1947, and February 1948 issue).

## No. 310.—PERSONAL CONSUMPTION EXPENDITURES: 1939 to 1947

[Represents market value of purchases of goods and services by individuals and nonprofit institutions and value of food, clothing, housing, and financial services received by them as income in kind. Includes rental value of owner-occupied houses, but not purchases of dwellings which are classified as capital goods. Includes expenditures by Federal civilian and military personnel temporarily abroad]

[Millions of dollars]

ITEM	1939	1940	1941	1942	1943	1944	1945	1946	1947 <sup>1</sup>
<b>All goods and services.....</b>	<b>67,466</b>	<b>72,052</b>	<b>82,255</b>	<b>90,835</b>	<b>101,626</b>	<b>110,417</b>	<b>121,698</b>	<b>143,670</b>	<b>164,400</b>
<b>Durable goods.....</b>	<b>6,729</b>	<b>7,854</b>	<b>9,750</b>	<b>6,845</b>	<b>6,515</b>	<b>6,755</b>	<b>7,977</b>	<b>14,917</b>	<b>19,800</b>
Automobiles and parts.....	2,136	2,728	3,342	582	619	685	901	3,026	6,100
Furniture and household equipment.....	3,404	3,826	4,788	4,425	3,722	3,654	4,278	7,680	9,800
Other durable goods.....	1,189	1,300	1,620	1,838	2,174	2,416	2,798	3,611	3,900
<b>Nondurable goods.....</b>	<b>35,258</b>	<b>37,594</b>	<b>43,960</b>	<b>52,962</b>	<b>61,205</b>	<b>67,190</b>	<b>75,298</b>	<b>87,061</b>	<b>99,300</b>
Clothing and shoes.....	7,024	7,385	8,781	11,119	13,821	15,367	17,196	18,852	19,700
Food and alcoholic beverages.....	19,299	20,725	24,403	30,542	35,581	39,055	43,871	51,675	60,500
Gasoline and oil.....	2,181	2,264	2,628	1,908	1,198	1,206	1,614	2,951	3,800
Semidurable housefurnishings.....	760	811	950	1,083	1,249	1,356	1,387	1,794	1,900
Tobacco.....	1,773	1,875	2,073	2,300	2,509	2,509	2,869	3,411	3,800
Other nondurable goods.....	4,221	4,534	5,125	6,010	6,847	7,697	8,361	8,378	9,700
<b>Services.....</b>	<b>25,479</b>	<b>26,604</b>	<b>28,545</b>	<b>31,028</b>	<b>33,906</b>	<b>36,472</b>	<b>38,423</b>	<b>41,692</b>	<b>45,300</b>
Household operation.....	8,585	8,839	4,033	4,472	4,832	5,350	5,727	6,043	6,700
Housing.....	8,940	9,217	9,863	10,578	11,085	11,661	12,137	12,690	13,500
Personal services.....	1,438	1,597	1,771	2,023	2,353	2,514	2,686	3,061	3,200
Recreation.....	1,560	1,672	1,821	2,043	2,197	2,475	2,772	3,340	3,600
Transportation.....	1,880	1,960	2,201	2,589	3,299	3,496	3,662	4,093	4,400
Other services.....	8,076	8,319	8,856	9,323	10,140	10,976	11,439	12,465	14,000

<sup>1</sup> Preliminary estimates.

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce; Survey of Current Business (National Income Supplement, July 1947, and February 1948 issue).

# No. 311.—AVERAGE MONEY INCOME, EXPENDITURES AND SAVINGS OF FAMILIES AND SINGLE PERSONS IN CITIES, BY INCOME CLASS: 1944

[Estimates based on sample survey of 1,700 consumer units in cities of 2,500 inhabitants or more.  
See headnote, table 313]

ITEM	ANNUAL MONEY INCOME AFTER PERSONAL TAXES								
	Under \$500	\$500-1,000	\$1,000-1,500	\$1,500-2,000	\$2,000-2,500	\$2,500-3,000	\$3,000-4,000	\$4,000-5,000	\$5,000 and over
<b>ALL FAMILIES AND SINGLE PERSONS</b>									
Percent of families in each class.....	4.2	7.7	7.1	11.9	13.9	13.2	19.9	9.6	12.5
Average number of persons <sup>1</sup> .....	1.42	1.82	2.11	2.55	2.77	3.00	3.61	3.97	4.02
Average number of earners <sup>2</sup> .....	.88	.68	1.07	1.16	1.22	1.28	1.56	1.96	2.08
Money income after personal taxes <sup>3</sup> .....	\$291	\$764	\$1,243	\$1,769	\$2,251	\$2,747	\$3,481	\$4,406	\$7,634
Expenditures, current.....	594	939	1,317	1,690	1,946	2,375	2,816	3,428	4,324
Food <sup>4</sup> .....	235	368	506	646	747	908	1,034	1,147	1,383
Clothing.....	41	82	157	231	268	353	456	621	836
Housing, <sup>5</sup> fuel, light, and refrigeration.....	178	231	285	328	379	424	484	546	635
Household operation.....	33	50	64	81	89	109	140	166	206
Furnishings and equipment.....	5	24	33	43	52	84	92	131	159
Automobile.....	6	13	36	42	61	104	122	175	171
Other transportation.....	6	21	28	47	53	52	63	83	114
Medical care.....	48	67	78	93	95	119	147	191	260
Personal care.....	12	20	34	42	46	55	64	84	109
Recreation.....	5	15	25	45	52	62	82	104	137
Tobacco.....	7	16	25	40	40	47	58	70	75
Reading.....	8	11	15	18	21	27	32	38	43
Formal education.....	1	2	1	8	8	14	13	29	41
Other.....	9	19	30	26	35	17	29	43	55
Personal taxes <sup>3</sup> .....	1	23	70	184	198	283	407	564	2,357
Gifts and contributions.....	17	31	52	82	92	136	127	211	454
Net savings or deficit.....	-320	-206	-126	-3	213	236	538	767	2,856
War bonds <sup>6</sup> .....	16	62	40	117	163	230	323	414	1,193
Life and annuity insurance premiums.....	10	20	43	50	64	80	108	141	269
Other <sup>7</sup> .....	-346	-288	-209	-170	-14	-74	107	212	1,394
<b>FAMILIES OF 2 OR MORE PERSONS</b>									
Percent of families in each class.....	1.5	5.2	5.3	10.7	14.0	14.7	23.0	11.2	14.4
Average number of persons <sup>1</sup> .....	2.45	2.45	2.78	3.03	3.10	3.13	3.69	4.01	4.13
Average number of earners <sup>2</sup> .....	.35	.72	1.15	1.22	1.27	1.31	1.57	1.97	2.12
Money income after personal taxes <sup>3</sup> .....	\$313	\$776	\$1,243	\$1,779	\$2,259	\$2,757	\$3,480	\$4,408	\$7,595
Expenditures, current.....	887	1,053	1,407	1,788	2,051	2,410	2,838	3,439	4,305
Food <sup>4</sup> .....	374	434	555	701	797	913	1,043	1,150	1,386
Clothing.....	42	80	163	234	283	364	462	623	848
Housing, <sup>5</sup> fuel, light and refrigeration.....	257	251	298	341	394	430	488	547	616
Household operation.....	56	47	66	83	93	110	140	166	295
Furnishings and equipment.....	5	25	39	49	60	88	95	132	157
Automobile.....	16	19	29	42	69	105	119	177	171
Other transportation.....	7	20	26	44	50	51	63	84	109
Medical care.....	62	88	94	105	104	123	149	190	265
Personal care.....	21	19	33	41	48	56	65	84	110
Recreation.....	3	15	28	46	55	63	82	105	137
Tobacco.....	16	15	21	41	41	48	59	71	76
Reading.....	14	13	14	18	22	27	31	37	43
Formal education.....	1	2	2	11	9	15	13	29	42
Other.....	13	25	39	32	26	17	29	44	50
Personal taxes <sup>3</sup> .....	2	13	32	86	180	270	402	559	2,385
Gifts and contributions.....	26	30	47	66	86	119	119	203	454
Net savings or deficit.....	-600	-307	-211	-75	122	228	523	766	2,836
War bonds <sup>6</sup> .....	15	81	28	82	147	233	316	410	1,206
Life and annuity insurance premiums.....	14	25	40	59	70	83	109	140	263
Other <sup>7</sup> .....	-629	-413	-279	-216	-95	-88	98	216	1,367

<sup>1</sup> Family size based on equivalent persons, with 52 weeks of family membership considered equivalent to 1 person; 26 weeks equivalent to 0.5 person, etc.

<sup>2</sup> Earner defined as a family member that worked for pay (as wage or salary worker or on his own account) at any time during year.

<sup>3</sup> Personal taxes (income, poll and personal property) have been deducted from money income. Total money income may be obtained by combining amounts shown for both items. Inheritances and large gifts are not considered current income; inheritances and gift taxes excluded from personal taxes.

<sup>4</sup> Includes expenditures for alcoholic beverages.

<sup>5</sup> Includes rents for tenant-occupied dwellings and for lodging away from home and current operation expenses of home owners. Excludes principal payments on mortgages on owned homes.

<sup>6</sup> Value of bonds purchased less those cashed.

<sup>7</sup> Represents differences between income and expenditures plus net war bond purchases and insurance premium payments. Includes amounts deducted for social security, retirement plans, etc., not available separately.

Source: Department of Labor, Bureau of Labor Statistics; Monthly Labor Review, January 1946.

No. 812.—PERCENT DISTRIBUTION OF FAMILIES AND SINGLE CONSUMERS BY MONEY INCOME CLASS: 1935-36

[Figures obtained by excluding nonmoney income from distribution shown in "Consumer Incomes in the United States: Their Distribution in 1935-36," U. S. National Resources Planning Board]

MONEY INCOME CLASS	Families and single consumers	FAMILIES OF 2 OR MORE PERSONS			
		Total	Urban	Rural non-farm	Rural farm
All incomes.....	100.0	100.0	100.0	100.0	100.0
Under \$500.....	24.7	22.5	11.5	21.8	50.7
\$500-\$1,000.....	28.8	26.5	24.7	30.1	27.8
\$1,000-\$1,500.....	19.6	20.2	23.7	21.2	10.8
\$1,500-\$2,000.....	11.4	12.5	15.9	11.8	4.7
\$2,000-\$3,000.....	9.7	11.1	14.7	9.4	3.5
\$3,000-\$5,000.....	4.0	7.2	6.2	5.7	2.5
\$5,000 and over.....	2.3		3.3		
Median <sup>1</sup> .....	\$946	\$1,025	\$1,291	\$968	\$493

<sup>1</sup> For definition of median, see headnote, table 23, p. 24.  
Source: Department of Labor, Bureau of Labor Statistics; Bulletin No. 822, Family Spending and Saving in Wartime, 1941 and First Quarter of 1942.

No. 818.—PERCENT DISTRIBUTION OF AMERICAN FAMILIES AND SINGLE CONSUMERS IN URBAN AND RURAL AREAS, BY MONEY INCOME: 1941

[Figures relate to all civilian consumers except inmates of institutions. Families are defined as economic units of two or more persons contributing to or mainly dependent on a common or pooled income. Single consumers are persons who live alone or as lodgers or servants in private homes, rooming houses or hotels]

MONEY INCOME	FAMILIES AND SINGLE CONSUMERS <sup>1</sup>				FAMILIES OF 2 OR MORE PERSONS			
	Total	Urban	Rural non-farm	Rural farm	Total	Urban	Rural non-farm	Rural farm
Number (thousands).....	39,287	24,463	8,469	6,355	34,003	20,419	7,471	6,113
Percent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under \$500.....	15.7	7.7	23.7	35.7	12.6	3.7	19.0	34.4
\$500-\$1,000.....	18.2	14.7	23.0	25.2	16.2	10.9	23.1	25.4
\$1,000-\$1,500.....	15.8	14.2	21.2	14.6	15.6	13.2	22.4	15.1
\$1,500-\$2,000.....	14.7	16.8	11.7	10.6	15.8	18.3	13.1	10.8
\$2,000-\$3,000.....	21.1	27.1	13.4	8.5	23.3	30.8	14.8	8.7
\$3,000-\$5,000.....	10.5	14.0	5.7	3.7	12.0	16.6	6.1	3.8
\$5,000 and over.....	4.0	5.5	1.3	1.7	4.5	6.5	1.5	1.8

<sup>1</sup> National estimates based on sample survey of 3,000 consumer units. Method of sampling used in this survey probably resulted in an underestimate of total number of single consumers.  
Source: Department of Labor, Bureau of Labor Statistics; Bulletin No. 822, Family Spending and Saving in Wartime, 1941 and First Quarter of 1942.

### No. 314.—DISTRIBUTION OF FAMILIES AND SINGLE CONSUMERS BY MONEY INCOME LEVEL: 1942

[Covers all civilian consumers except those living in institutions. Families defined as economic units of two or more persons sharing common or pooled income and living under common roof. Single consumers defined as men or women maintaining independent living quarters or living as lodgers or servants in private homes, rooming houses, or hotels. Term spending unit used to cover both groups. Civilian money income includes net money income of all civilians except those living in institutions; excludes all imputed (nonmoney) items, and all income paid to members of armed forces. Estimates on calendar year basis]

INCOME LEVEL	ALL FAMILIES AND SINGLE CONSUMERS		FAMILIES		SINGLE CONSUMERS	
	Number (thousands)	Percent	Number (thousands)	Percent	Number (thousands)	Percent
All levels.....	41,210	100.0	33,360	100.0	7,850	100.0
Under \$500.....	3,488	8.5	2,819	8.5	1,160	14.9
\$500-\$1,000.....	6,652	16.1	4,604	13.8	2,048	26.1
\$1,000-\$1,500.....	6,601	16.0	4,637	13.9	1,964	25.0
\$1,500-\$2,000.....	6,008	14.6	4,920	14.7	1,088	13.8
\$2,000-\$2,500.....	4,818	11.7	3,953	11.9	865	11.0
\$2,500-\$3,000.....	3,272	8.0	2,852	8.5	420	5.4
\$3,000-\$4,000.....	4,520	11.0	4,238	12.7	282	3.6
\$4,000-\$5,000.....	2,533	6.1	2,486	7.5	147	1.9
\$5,000-\$7,500.....	1,901	4.6	1,805	5.4	96	1.2
\$7,500-\$10,000.....	628	1.5	597	1.8	31	.4
\$10,000 and over.....	799	1.9	751	2.3	48	.6

Source: Office of Price Administration; Civilian Spending and Saving 1941 and 1942.

### No. 315.—CIVILIAN SPENDING AND SAVING—AGGREGATE AND AVERAGE OUTLAY OF FAMILIES AND SINGLE CONSUMERS FOR PERSONAL TAXES, SAVINGS, GIFTS, AND MAJOR CATEGORIES OF CONSUMPTION: 1942

[See headnote, table 314]

ITEM	AGGREGATE OUTLAY (MILLIONS)			AVERAGE OUTLAY				
	All spending units	Families	Single consumers	Per spending unit			Per capita <sup>1</sup>	
				All spending units	Families	Single consumers	All spending units	Families
Civilian money income.....	\$105,430	\$93,290	\$12,140	\$2,558	\$2,796	\$1,547	\$317	\$769
Allocation of money income:								
Personal taxes <sup>2</sup> .....	4,360	3,790	510	104	113	66	33	31
Savings <sup>3</sup> .....	25,440	22,880	2,560	617	688	327	197	189
Gifts to organizations <sup>4</sup> .....	1,200	900	300	29	27	38	9	7
Consumption <sup>5</sup> .....	74,400	65,720	8,770	1,808	1,970	1,116	578	542
Food and beverages.....	25,930	22,080	3,120	613	661	398	194	183
Clothing.....	10,200	8,840	1,360	249	265	173	79	73
Housing and household fuels.....	12,416	10,680	1,730	301	320	220	96	88
Household operation.....	3,446	3,120	320	83	94	41	27	26
Household furnishings.....	4,600	4,530	70	112	112	9	36	37
Automobile transportation.....	3,600	3,370	230	87	101	29	28	28
Other transportation.....	1,770	1,430	340	43	43	43	14	12
Medical care.....	3,710	3,330	380	91	100	52	29	27
Personal care.....	1,500	1,340	160	37	40	20	12	11
Recreation.....	3,350	2,940	410	81	88	52	26	24
Tobacco.....	2,410	2,060	350	59	62	45	19	17
Reading.....	1,000	840	160	24	25	20	8	7
Education.....	800	770	30	19	23	4	6	6
Other items.....	500	390	110	12	12	14	4	3

<sup>1</sup> Estimated population used for all spending units was 129,100,000, of which 121,230,000 were in family units and 7,860,000 were single consumers.

<sup>2</sup> Includes only individual income taxes, poll taxes, and certain minor personal property taxes. Sales taxes, excise taxes, and all indirect taxes on consumption are included under expenditures for goods and services.

<sup>3</sup> Savings defined as net change in assets and liabilities of spending unit during year, exclusive of gains or losses from revaluation of assets.

<sup>4</sup> Money contributions to church, Red Cross, and other institutions and funds. <sup>5</sup> Money expenditures only.

Source: Office of Price Administration; Civilian Spending and Saving 1941 and 1942.



**No. 816.—PERCENT DISTRIBUTION OF URBAN AND RURAL-NONFARM FAMILIES AND INDIVIDUALS, BY TOTAL MONEY INCOME LEVEL: 1944, 1945, AND 1946**

[Based on samples of urban and rural-nonfarm population residing in households only. Excludes persons residing in quasi households (hotels, large rooming houses, etc.). "Family" not used here with same meaning as in 1940 census. It refers to a group of two or more related persons residing in same household. "Individual" is used to refer to a person living alone or with persons not related to him]

TOTAL MONEY INCOME LEVEL	FAMILIES AND INDIVIDUALS <sup>1</sup>			FAMILIES			INDIVIDUALS NOT IN FAMILIES		
	1944	1945	1946	1944	1945	1946	1944	1945	1946
<b>URBAN AND RURAL-NONFARM</b>									
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under \$500.....	9.6	7.3	7.3	4.6	2.9	3.4	29.6	31.0	26.2
\$500 to \$999.....	9.5	7.6	8.0	7.3	5.3	5.4	18.4	19.9	20.6
\$1,000 to \$1,499.....	10.7	8.2	8.8	8.9	7.1	7.5	18.0	14.3	14.9
\$1,500 to \$1,999.....	10.8	11.6	10.0	10.5	11.6	9.6	12.0	11.9	12.3
\$2,000 to \$2,499.....	11.6	12.9	12.4	12.0	13.4	12.8	9.6	10.0	10.6
\$2,500 to \$2,999.....	10.2	12.5	10.9	11.5	13.6	11.8	5.0	6.1	6.7
\$3,000 to \$3,499.....	10.4	10.4	10.5	12.3	11.6	11.9	2.8	3.7	3.9
\$3,500 to \$3,999.....	7.5	6.8	7.3	8.9	8.0	8.5	1.6	.7	1.6
\$4,000 to \$4,499.....	4.7	5.6	5.6	5.7	6.5	6.5	.9	.4	1.0
\$4,500 to \$4,999.....	4.1	3.7	4.3	5.0	4.3	5.1	.7	.7	.4
\$5,000 to \$5,999.....	4.6	6.0	5.8	5.7	7.1	6.9	.4	.3	.8
\$6,000 to \$9,999.....	4.7	6.0	7.0	5.8	7.0	8.3	.5	.7	.6
\$10,000 and over.....	1.6	1.4	2.0	1.9	1.6	2.4	.4	.4	.4
Median <sup>2</sup> .....	\$2,410	\$2,595	\$2,659	\$2,794	\$2,857	\$2,981	\$1,057	\$976	\$1,105
<b>URBAN</b>									
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under \$500.....	8.9	6.7	6.4	3.8	2.3	2.8	27.0	28.3	22.4
\$500 to \$999.....	9.3	6.9	7.4	6.6	4.5	4.4	18.8	18.6	20.2
\$1,000 to \$1,499.....	10.2	8.0	8.4	8.1	6.5	6.6	18.1	15.0	16.2
\$1,500 to \$1,999.....	10.4	10.6	9.6	9.8	10.3	8.8	12.6	12.3	13.0
\$2,000 to \$2,499.....	11.7	12.4	12.2	12.1	12.7	12.3	10.3	11.1	11.8
\$2,500 to \$2,999.....	10.2	12.7	11.0	11.6	13.8	11.8	4.9	7.1	7.5
\$3,000 to \$3,499.....	10.4	10.8	10.8	12.4	12.1	12.4	3.3	4.4	4.1
\$3,500 to \$3,999.....	7.8	7.2	7.5	9.5	8.6	8.8	1.7	.6	1.7
\$4,000 to \$4,499.....	5.1	5.7	5.9	6.2	6.8	7.0	1.1	.4	1.1
\$4,500 to \$4,999.....	4.4	3.9	4.6	5.3	4.5	5.5	.8	.8	.4
\$5,000 to \$5,999.....	4.8	6.8	6.3	6.0	8.1	7.6	.5	.4	.6
\$6,000 to \$9,999.....	5.1	6.7	7.7	6.3	7.9	9.4	.6	.6	.5
\$10,000 and over.....	1.9	1.6	2.1	2.3	1.8	2.5	.4	.4	.3
Median <sup>2</sup> .....	\$2,480	\$2,714	\$2,774	\$2,918	\$2,994	\$3,131	\$1,115	\$1,104	\$1,228

<sup>1</sup> 1944 and 1945 figures based on samples of approximately 7,000 and 9,000 respectively, including rural-farm as well as urban and rural-nonfarm households. 1946 figures based on a sample of approximately 22,000 urban and rural-nonfarm households. Number of urban and rural-nonfarm households included in the 1944 and 1945 samples was somewhat smaller.

<sup>2</sup> For definition of median, see headnote, table 23, p. 24.

Source: Department of Commerce, Bureau of the Census; Income of Nonfarm Families and Individuals: 1946, Series P-60, No. 1.

No. 817.—PERCENT DISTRIBUTION OF URBAN AND RURAL-NONFARM PRIMARY FAMILIES AND INDIVIDUALS, BY CIVILIAN MONEY WAGE OR SALARY LEVEL, BY RECEIPT OF OTHER INCOME: 1939, 1944, AND 1946

[Based on samples of urban and rural-nonfarm population residing in households only. Excludes persons residing in quasi households (hotels, large rooming houses, etc.). "Primary family" refers to head of a household and all persons related to him. A "primary individual" refers to a household head who has no relatives living with him. These terms not used in 1940 census. Wage or salary income includes all money received in compensation for work or services performed as employees, including commissions, tips, piece-rate payments, bonuses, etc., as well as receipts commonly referred to as wages or salaries. Excludes value of income in kind, such as living quarters, meals, clothing, etc. A primary family was considered to have other income if any person 14 years of age and over in the family had \$50 or more of income from sources other than money wages or salaries]

CIVILIAN MONEY WAGE OR SALARY LEVEL AND RECEIPT OF OTHER INCOME	PRIMARY FAMILIES AND INDIVIDUALS <sup>1</sup>			PRIMARY FAMILIES			PRIMARY INDIVIDUALS NOT IN FAMILIES		
	1939	1944	1946	1939	1944	1946	1939	1944	1946
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
\$1 to \$499.....	15.3	7.4	4.8	14.0	6.2	2.5	34.9	17.5	25.2
\$500 to \$999.....	20.7	8.3	7.3	20.2	7.1	5.4	28.6	18.2	25.1
\$1,000 to \$1,499.....	20.2	9.9	8.1	20.4	8.5	7.5	17.2	21.6	13.6
\$1,500 to \$1,999.....	16.6	11.1	9.7	17.1	10.5	9.6	9.7	16.0	10.8
\$2,000 to \$2,499.....	10.8	12.7	12.4	11.2	12.8	12.9	4.4	11.3	8.1
\$2,500 to \$2,999.....	5.8	11.7	11.3	6.0	12.2	11.9	1.8	7.8	6.0
\$3,000 to \$4,999.....	8.1	30.2	29.9	8.5	33.0	32.3	2.4	6.6	8.5
\$5,000 and over.....	2.5	8.7	16.4	2.6	9.6	18.0	1.0	1.0	2.6
Median <sup>2</sup> .....	\$1,345	\$2,528	\$2,838	\$1,389	\$2,697	\$3,010	\$764	\$1,332	\$994
Without other income.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
\$1 to \$499.....	13.3	3.6	3.2	11.7	2.3	1.9	33.1	13.4	17.0
\$500 to \$999.....	20.5	5.9	4.9	19.8	4.6	3.8	30.0	16.2	16.3
\$1,000 to \$1,499.....	21.3	9.0	7.7	21.5	7.1	6.8	18.3	24.7	16.8
\$1,500 to \$1,999.....	17.9	11.1	10.5	18.5	10.4	10.0	9.9	17.0	15.9
\$2,000 to \$2,499.....	11.5	13.3	14.5	12.0	13.4	14.7	4.3	12.3	11.7
\$2,500 to \$2,999.....	5.9	13.2	13.8	6.3	13.9	14.3	1.7	7.6	8.5
\$3,000 to \$4,999.....	7.8	34.3	33.6	8.2	37.6	35.5	2.0	7.8	12.4
\$5,000 and over.....	1.8	9.6	11.9	1.9	10.7	12.9	.6	1.0	1.2
Median <sup>2</sup> .....	\$1,380	\$2,769	\$2,835	\$1,431	\$2,941	\$2,944	\$781	\$1,412	\$1,494

<sup>1</sup> For sample size, see footnote 1, table 316.  
<sup>2</sup> For definition of median, see headnote, table 23, p. 24.

Source: Department of Commerce, Bureau of the Census; Income of Nonfarm Families and Individuals: 1946, Series P-60, No. 1.

No. 318.—PERCENT DISTRIBUTION OF URBAN AND RURAL-NONFARM FAMILIES AND INDIVIDUALS, BY TOTAL MONEY INCOME LEVEL, BY SIZE OF FAMILY: 1946

[For definitions of "family" and "individual" see headnote, table 316. This table, unlike table 316, includes data for families and individuals in quasi households (hotels, large rooming houses, etc.) as well as households]

TOTAL MONEY INCOME LEVEL	Total <sup>1</sup>	Individ- uals not in fami- lies	All fami- lies	FAMILIES OF SPECIFIED NUMBER OF RELATED PERSONS					
				2	3	4	5	6	7 or more
URBAN AND RURAL-NONFARM									
Number....(thousands)...	37, 065	7, 238	29, 827	9, 839	7, 413	6, 006	3, 333	1, 652	1, 584
Percent.....	100. 0	100. 0	100. 0	100. 0	100. 0	100. 0	100. 0	100. 0	100. 0
Under \$500.....	7. 8	26. 0	3. 4	6. 7	2. 2	1. 5	1. 4	1. 1	1. 5
\$500 to \$999.....	8. 3	20. 1	5. 4	10. 3	3. 8	2. 6	2. 3	2. 0	3. 3
\$1,000 to \$1,499.....	9. 2	15. 6	7. 6	11. 1	7. 0	4. 6	6. 4	3. 5	6. 6
\$1,500 to \$1,999.....	10. 1	12. 3	9. 6	11. 7	9. 9	8. 4	7. 0	7. 9	6. 4
\$2,000 to \$2,499.....	12. 4	11. 0	12. 8	13. 2	13. 7	12. 3	13. 1	9. 7	10. 7
\$2,500 to \$2,999.....	10. 8	6. 7	11. 8	10. 6	13. 7	12. 8	11. 2	10. 2	9. 8
\$3,000 to \$3,499.....	10. 3	3. 6	11. 9	10. 8	12. 6	13. 4	10. 3	10. 4	9. 0
\$3,500 to \$3,999.....	7. 1	1. 6	8. 4	7. 4	8. 3	9. 2	10. 0	8. 3	9. 5
\$4,000 to \$4,499.....	5. 5	1. 0	6. 5	5. 2	7. 5	7. 2	7. 1	8. 7	4. 8
\$4,500 to \$4,999.....	4. 2	. 5	5. 1	4. 0	4. 7	6. 3	5. 4	6. 4	6. 8
\$5,000 to \$5,999.....	5. 7	. 8	6. 9	4. 1	6. 9	8. 8	8. 8	10. 0	9. 5
\$6,000 to \$9,999.....	6. 7	. 5	8. 2	3. 4	6. 5	10. 3	13. 3	17. 5	18. 1
\$10,000 and over.....	2. 0	. 3	2. 4	1. 5	2. 0	2. 5	3. 7	4. 4	3. 9
Median <sup>2</sup> .....	\$2, 603	\$1, 125	\$2, 976	\$2, 386	\$2, 988	\$3, 286	\$3, 413	\$3, 814	\$3, 639
URBAN									
Number....(thousands)...	27, 804	5, 920	21, 884	7, 312	5, 538	4, 393	2, 409	1, 176	1, 056
Percent.....	100. 0	100. 0	100. 0	100. 0	100. 0	100. 0	100. 0	100. 0	100. 0
Under \$500.....	7. 0	22. 5	2. 8	5. 8	1. 6	1. 3	. 6	. 9	. 8
\$500 to \$999.....	7. 8	20. 0	4. 5	8. 6	3. 0	2. 2	2. 2	. 9	2. 7
\$1,000 to \$1,499.....	8. 8	16. 8	6. 7	10. 7	6. 1	3. 6	4. 7	2. 2	4. 5
\$1,500 to \$1,999.....	9. 6	12. 7	8. 8	11. 2	9. 2	7. 6	5. 9	6. 0	5. 1
\$2,000 to \$2,499.....	12. 3	12. 0	12. 4	13. 4	12. 7	11. 8	12. 0	8. 3	11. 0
\$2,500 to \$2,999.....	10. 9	7. 3	11. 9	11. 4	14. 0	12. 1	9. 9	9. 3	10. 0
\$3,000 to \$3,499.....	10. 5	3. 7	12. 4	11. 6	14. 1	13. 9	10. 3	10. 5	8. 7
\$3,500 to \$3,999.....	7. 3	1. 7	8. 8	7. 8	9. 0	9. 3	10. 3	7. 7	9. 7
\$4,000 to \$4,499.....	5. 7	1. 1	7. 0	5. 3	8. 1	8. 3	7. 8	8. 9	3. 6
\$4,500 to \$4,999.....	4. 5	. 6	5. 5	4. 4	5. 1	6. 8	5. 9	6. 5	7. 9
\$5,000 to \$5,999.....	6. 1	. 7	7. 6	4. 6	7. 9	9. 0	10. 1	11. 3	10. 9
\$6,000 to \$9,999.....	7. 4	. 5	9. 3	3. 9	7. 1	11. 6	15. 7	21. 9	20. 3
\$10,000 and over.....	2. 0	. 3	2. 5	1. 3	2. 2	2. 5	4. 4	5. 4	4. 8
Median <sup>2</sup> .....	\$2, 706	\$1, 224	\$3, 123	\$2, 517	\$3, 123	\$3, 409	\$3, 707	\$4, 229	\$3, 868

<sup>1</sup> Based on sample of approximately 22,000 households and quasi households.  
<sup>2</sup> For definition of median, see headnote, table 23, p. 24.  
Source: Department of Commerce, Bureau of the Census; Income of Nonfarm Families and Individuals: 1946, Series P-60, No. 1.

No. 319.—PERCENT DISTRIBUTION OF URBAN AND RURAL-NONFARM FAMILIES AND INDIVIDUALS, BY TOTAL MONEY INCOME LEVEL, BY COLOR OF HEAD, BY REGIONS: 1946

[See headnote, table 318]

TOTAL MONEY INCOME LEVEL	UNITED STATES <sup>1</sup>			THE NORTH-EASTERN STATES		THE NORTH CENTRAL STATES		THE SOUTH		THE WEST	
	Total	White	Non-white	White	Non-white	White	Non-white	White	Non-white	White	Non-white
URBAN AND RURAL-NONFARM											
Number of families and individuals (thousands).....	37,065	33,368	3,697	11,021	808	10,475	674	7,070	1,994	4,802	221
Percent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under \$500.....	7.8	6.9	15.5	5.7	9.4	8.5	10.5	7.2	20.1	5.9	10.9
\$500 to \$999.....	8.3	7.5	15.9	6.0	15.7	7.9	10.8	8.1	18.1	8.7	11.8
\$1,000 to \$1,499.....	9.2	8.3	16.7	7.1	15.3	8.4	13.1	10.6	18.5	7.7	16.7
\$1,500 to \$1,999.....	10.1	9.5	15.7	8.8	17.5	8.9	13.1	11.8	16.3	8.7	11.3
\$2,000 to \$2,499.....	12.4	12.5	12.3	11.6	11.4	12.8	21.4	13.9	9.3	11.8	14.5
\$2,500 to \$2,999.....	10.8	11.1	8.3	11.5	10.4	11.0	11.9	10.6	6.6	11.0	5.4
\$3,000 to \$3,499.....	10.3	10.8	5.8	11.2	5.2	10.7	6.1	9.5	4.8	11.9	15.4
\$3,500 to \$3,999.....	7.1	7.6	3.0	8.3	3.1	7.3	3.7	6.6	2.6	7.5	4.5
\$4,000 to \$4,499.....	5.5	5.8	2.0	6.7	2.8	5.6	2.4	4.6	1.6	6.3	1.4
\$4,500 to \$4,999.....	4.2	4.5	1.5	4.7	2.5	4.7	1.9	3.7	.9	4.8	3.2
\$5,000 to \$5,999.....	5.7	6.1	1.6	7.1	3.1	5.8	3.3	5.2	.4	6.0	1.8
\$6,000 to \$9,999.....	6.7	7.3	1.7	8.7	3.6	6.9	1.9	5.9	.9	6.8	1.8
\$10,000 and over.....	2.0	2.2	.1	2.5	-----	1.5	-----	2.2	-----	2.7	1.4
Median <sup>2</sup> .....	\$2,603	\$2,741	\$1,562	\$2,970	\$1,773	\$2,657	\$2,059	\$2,441	\$1,318	\$2,824	\$1,970
Number of families (thousands).....	29,827	27,171	2,656	9,019	544	8,355	488	5,947	1,497	3,850	127
Percent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under \$500.....	3.4	2.8	9.2	2.0	6.1	2.9	4.5	3.6	12.4	3.1	3.1
\$500 to \$999.....	5.4	4.7	12.8	3.0	9.6	5.1	7.6	6.5	16.2	5.2	6.3
\$1,000 to \$1,499.....	7.6	6.7	16.6	5.0	13.1	6.5	10.5	9.5	20.4	6.8	11.0
\$1,500 to \$1,999.....	9.6	8.8	17.1	7.5	14.5	8.6	15.4	11.8	19.1	7.8	11.0
\$2,000 to \$2,499.....	12.8	12.7	14.2	11.7	15.4	13.4	22.1	13.9	11.0	11.5	15.7
\$2,500 to \$2,999.....	11.8	11.9	10.4	12.4	12.9	12.2	15.6	11.2	8.0	11.4	8.7
\$3,000 to \$3,499.....	11.9	12.4	6.7	12.8	6.6	12.6	6.8	10.9	5.5	13.5	20.5
\$3,500 to \$3,999.....	8.4	8.8	4.1	9.8	4.6	8.8	5.1	7.6	3.4	8.7	7.1
\$4,000 to \$4,499.....	6.5	6.9	2.4	8.1	3.7	6.8	3.3	5.2	1.7	7.5	2.4
\$4,500 to \$4,999.....	5.1	5.4	1.9	5.7	3.7	5.7	2.7	4.4	.7	5.8	5.5
\$5,000 to \$5,999.....	6.9	7.3	2.2	8.5	4.6	7.0	4.5	6.1	.5	7.1	3.1
\$6,000 to \$9,999.....	8.2	8.8	2.3	10.6	5.3	8.6	2.0	6.7	1.2	8.3	3.1
\$10,000 and over.....	2.4	2.6	.1	2.9	-----	1.8	-----	2.6	-----	3.3	2.4
Median <sup>2</sup> .....	\$2,976	\$3,094	\$1,834	\$3,327	\$2,220	\$3,053	\$2,273	\$2,709	\$1,527	\$3,152	\$2,659

<sup>1</sup> Based on sample of approximately 22,000 households and quasi households.  
<sup>2</sup> For definition of median, see headnote, table 28, p. 24.

Source: Department of Commerce, Bureau of the Census; Income of Nonfarm Families and Individuals: 1946, Series P-60, No. 1.

**No. 820.—PERCENT DISTRIBUTION OF FAMILIES AND INDIVIDUALS BY TOTAL MONEY INCOME LEVEL, BY URBAN AND RURAL AREAS: 1944 AND 1945**

[Based on samples of urban and rural-nonfarm population residing in households only. Excludes persons residing in quasi households (hotels, large rooming houses, etc.). "Family" not used here with same meaning as in 1940 census. It refers to a group of two or more related persons residing in same household. "Individual" is used to refer to a person living alone or with persons not related to him]

YEAR AND TOTAL MONEY INCOME LEVEL	TOTAL <sup>1</sup>			URBAN			RURAL-NONFARM			RURAL-FARM		
	Fam- ilies and indi- vid- uals	Indi- vid- uals not in fam- ilies	Fam- ilies	Fam- ilies and indi- vid- uals	Indi- vid- uals not in fam- ilies	Fam- ilies	Fam- ilies and indi- vid- uals	Indi- vid- uals not in fam- ilies	Fam- ilies	Fam- ilies and indi- vid- uals	Indi- vid- uals not in fam- ilies	Fam- ilies
<b>1944</b>												
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less.....	.3	.3	.3	.1	.3	.1	.....	.....	1.7	.9	.....	1.7
\$0 to \$499.....	11.6	31.3	7.1	8.8	26.7	3.7	12.0	45.2	7.1	22.7	52.0	19.5
\$500 to \$999.....	11.3	19.2	9.5	9.3	18.8	6.6	10.3	15.7	6.5	20.7	28.0	19.9
\$1,000 to \$1,499.....	11.5	17.3	10.2	10.2	18.1	8.1	12.3	17.7	11.5	15.7	9.5	16.3
\$1,500 to \$1,999.....	10.6	11.3	10.4	10.4	12.6	9.8	12.1	8.5	12.7	9.7	8.7	10.4
\$2,000 to \$2,499.....	11.2	9.1	11.7	11.7	10.3	12.1	11.1	5.8	11.9	9.3	3.7	10.0
\$2,500 to \$2,999.....	9.5	4.6	10.6	10.2	4.9	11.6	10.4	5.2	11.2	5.6	.6	6.1
\$3,000 to \$3,499.....	9.4	2.6	11.0	10.4	3.3	12.4	10.6	.....	12.2	4.2	.....	4.6
\$3,500 to \$3,999.....	6.7	1.5	7.9	7.8	1.7	9.5	5.2	1.2	7.0	2.9	.....	3.2
\$4,000 to \$4,499.....	4.2	.9	5.0	5.1	1.1	6.2	3.5	.....	4.1	1.7	.....	1.9
\$4,500 to \$4,999.....	3.7	.7	4.3	4.4	.8	5.3	3.4	.....	3.9	1.2	.....	1.3
\$5,000 to \$5,999.....	4.1	.4	5.0	4.8	.3	6.0	4.0	.....	4.6	1.5	.....	1.7
\$6,000 to \$9,999.....	4.2	.5	5.1	5.1	.6	6.3	3.6	.....	4.1	1.6	.6	1.7
\$10,000 and over.....	1.6	.4	1.8	1.9	.4	2.2	.4	.8	.4	1.5	.....	1.6
Median <sup>2</sup> .....	\$2,200	\$979	\$2,533	\$2,480	\$1,116	\$2,918	\$2,145	\$556	\$2,388	\$1,157	\$472	\$1,372
<b>1945</b>												
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less.....	.3	.4	.3	.1	.2	.1	.....	.....	.1	1.6	2.1	1.5
\$0 to \$499.....	9.7	33.7	5.5	6.6	28.1	2.2	9.4	42.7	4.7	21.0	57.3	17.9
\$500 to \$999.....	9.5	19.7	7.7	6.9	18.6	4.5	9.6	25.4	7.4	18.0	18.5	19.0
\$1,000 to \$1,499.....	9.1	13.6	8.4	8.0	15.0	6.5	9.1	11.2	8.8	13.6	3.0	14.2
\$1,500 to \$1,999.....	12.0	11.6	12.1	10.6	12.3	10.3	14.6	10.5	15.4	13.8	3.4	14.4
\$2,000 to \$2,499.....	12.4	9.0	13.0	12.4	11.1	12.7	14.1	5.2	15.4	10.1	.8	11.1
\$2,500 to \$2,999.....	11.5	5.5	12.5	12.7	7.1	13.8	11.8	2.0	13.2	6.5	.8	7.1
\$3,000 to \$3,499.....	9.3	3.4	10.3	10.8	4.4	12.1	9.1	1.0	10.2	4.0	1.0	4.3
\$3,500 to \$3,999.....	6.0	.5	7.0	7.2	.6	8.6	5.5	.9	6.2	2.1	.....	2.3
\$4,000 to \$4,499.....	4.9	.3	5.7	5.7	.4	6.8	5.0	.....	5.7	1.9	.....	2.1
\$4,500 to \$4,999.....	3.4	.7	3.9	3.9	.8	4.5	3.3	.....	3.7	1.9	1.2	1.9
\$5,000 to \$5,999.....	5.3	.3	6.1	6.3	.4	8.1	3.5	.....	4.0	1.5	.....	1.6
\$6,000 to \$9,999.....	5.2	.8	6.1	6.7	.6	7.9	3.8	1.2	4.2	2.0	1.9	2.0
\$10,000 and over.....	1.3	.3	1.4	1.6	.4	1.8	.8	.....	.9	.5	.....	.6
Median <sup>2</sup> .....	\$2,378	\$908	\$2,620	\$2,714	\$1,104	\$2,964	\$2,346	\$644	\$2,441	\$1,201	\$418	\$1,410

<sup>1</sup> 1944 and 1945 figures based on samples of approximately 7,000 and 9,000 households, respectively.

<sup>2</sup> For definition of median, see headnote, table 23, p. 24.

Source: Department of Commerce, Bureau of the Census, Family and Individual Money Income in the United States, 1945 and 1944, Series P-8, No. 22.

No. 321.—PERCENT DISTRIBUTION OF URBAN AND RURAL-NONFARM CIVILIAN EARNERS 14 YEARS OF AGE AND OVER, BY CIVILIAN MONEY EARNINGS LEVEL, BY MAJOR OCCUPATION GROUP AND SEX: 1946

[Civilian money earnings include all money received as civilian money wages or salaries, money income from operation of farm or business, and money income from a professional practice. Excludes value of income in kind, such as living quarters, meals received as pay, etc., also excludes income from service in armed forces. Classification by major occupation group based on reports on job from which most money was earned in 1946]

CIVILIAN MONEY EARNINGS LEVEL AND SEX	Total	Profes- sional work- ers	Semi- profes- sional work- ers	Propri- etors, manag- ers, and offi- cials, except farm	Cleri- cal and kindred work- ers	Sales- men and sales- women	Crafts- men, fore- men, and kindred work- ers	Opera- tives and kindred work- ers	Do- mestic service work- ers	Service work- ers except do- mestic	Labor- ers except farm and mine
Male earners (thou- sands) .....	34, 143	1, 597	510	3, 870	2, 944	1, 893	7, 493	8, 789	121	2, 587	3, 334
Percent .....	100. 0	100. 0	100. 0	100. 0	100. 0	100. 0	100. 0	100. 0	100. 0	100. 0	100. 0
Loss .....	. 2			. 9		. 3		. 1		. 1	
\$1 to \$499 .....	9. 8	4. 8	5. 5	4. 2	8. 4	16. 2	4. 8	8. 1	53. 7	14. 6	18. 2
\$500 to \$999 .....	9. 6	4. 8	8. 6	5. 8	6. 8	8. 8	7. 2	10. 2	19. 8	14. 1	16. 2
\$1,000 to \$1,499 .....	11. 6	6. 9	14. 7	7. 4	10. 2	9. 8	10. 1	12. 2	11. 6	15. 2	18. 8
\$1,500 to \$1,999 .....	14. 3	7. 6	13. 3	8. 9	14. 6	11. 3	12. 7	16. 6	9. 9	19. 4	21. 0
\$2,000 to \$2,499 .....	16. 8	8. 6	15. 3	11. 3	20. 4	13. 2	17. 6	21. 6	1. 7	17. 3	14. 5
\$2,500 to \$2,999 .....	12. 4	8. 7	10. 8	9. 6	14. 9	8. 5	16. 9	14. 6		10. 1	7. 1
\$3,000 to \$3,499 .....	10. 2	12. 5	11. 4	10. 7	12. 9	9. 7	14. 5	10. 1		6. 3	2. 5
\$3,500 to \$3,999 .....	5. 0	8. 6	4. 5	8. 0	5. 4	4. 7	8. 2	3. 4		1. 2	. 7
\$4,000 to \$4,499 .....	2. 8	7. 4	4. 3	5. 2	2. 2	4. 5	3. 7	1. 6		. 9	. 4
\$4,500 to \$4,999 .....	1. 7	6. 0	2. 2	4. 8	1. 1	1. 7	2. 0	. 8		. 1	. 1
\$5,000 to \$5,999 .....	2. 4	8. 6	3. 7	7. 5	1. 5	5. 7	1. 7	. 6		. 3	. 3
\$6,000 to \$9,999 .....	2. 2	11. 0	3. 7	8. 7	1. 4	4. 2	. 7	. 2	3. 3	. 2	. 1
\$10,000 and over .....	1. 2	4. 6	2. 0	6. 8	. 2	1. 6	. 1	. 1		. 2	
Median <sup>1</sup> .....	\$2, 134	\$3, 345	\$2, 256	\$3, 087	\$2, 246	\$2, 142	\$2, 433	\$2, 067	\$465	\$1, 655	\$1, 413
Female earners (thousands) .....	16, 970	1, 643	139	635	4, 771	1, 420	239	3, 885	1, 566	2, 220	113
Percent .....	100. 0	100. 0	100. 0	100. 0	100. 0	100. 0	100. 0	100. 0	100. 0	100. 0	100. 0
Loss .....	. 1			1. 4						. 2	
\$1 to \$499 .....	29. 5	20. 8	21. 6	15. 3	15. 6	39. 9	14. 2	24. 3	67. 0	41. 0	27. 4
\$500 to \$999 .....	18. 8	14. 9	8. 6	17. 6	15. 3	19. 9	13. 0	20. 3	20. 1	27. 1	21. 2
\$1,000 to \$1,499 .....	18. 4	14. 2	18. 0	10. 7	20. 7	21. 4	19. 7	23. 7	8. 7	15. 8	27. 4
\$1,500 to \$1,999 .....	17. 3	16. 9	18. 7	14. 5	25. 5	13. 5	23. 0	20. 1	3. 6	9. 5	17. 7
\$2,000 to \$2,499 .....	9. 4	14. 7	14. 4	14. 0	15. 1	3. 2	17. 2	8. 6	. 3	4. 3	4. 4
\$2,500 to \$2,999 .....	3. 6	9. 3	9. 4	8. 2	5. 4	1. 3	11. 7	1. 7		. 8	1. 8
\$3,000 to \$3,499 .....	1. 4	4. 0	2. 9	6. 1	1. 7	. 5		. 8		. 6	
\$3,500 to \$3,999 .....	. 5	1. 6	2. 2	3. 5	. 4			. 2		. 3	
\$4,000 to \$4,499 .....	. 2	1. 6	1. 4	. 6						. 1	
\$4,500 to \$4,999 .....	. 2	. 5	2. 9	1. 9	. 1	. 1	1. 3	. 1			
\$5,000 to \$5,999 .....	. 2	1. 0		1. 4		. 1					
\$6,000 to \$9,999 .....	. 2	. 2		2. 8	. 1			. 1	. 1	. 1	
\$10,000 and over .....	. 1	. 2		1. 9						. 1	
Median <sup>2</sup> .....	\$1, 045	\$1, 501	\$1, 548	\$1, 671	\$1, 460	\$754	\$1, 568	\$1, 114	\$373	\$662	\$1, 024

<sup>1</sup> Includes urban and rural-nonfarm farmers, farm managers, farm laborers, and foremen, and earners not reporting their occupation. Based on a sample of approximately 22,000 households and quasi households.  
<sup>2</sup> For definition of median, see table 23, p. 24.

Source: Department of Commerce, Bureau of the Census; Income of Nonfarm Families and Individuals, 1946, Series P-60, No. 3.



**No. 822.—WAGE OR SALARY WORKERS (EXCEPT ON PUBLIC EMERGENCY WORK) IN MARCH 1940, BY WAGE OR SALARY INCOME AND RECEIPT OF OTHER INCOME IN 1939, BY COLOR AND SEX**

[Wage or salary income includes all money received in 1939 in compensation for work or services performed as employees, including commissions, tips, piece-rate payments, bonuses, etc., as well as receipts commonly referred to as wages or salaries. Excludes value of income in kind, such as living quarters, meals, clothing, etc. Persons were classified as with or without other income on basis of answers to inquiry as to whether \$50 or more of income was received from sources other than money wages or salaries in 1939. Includes persons employed as wage or salary workers (except on public emergency work) during census week, and persons seeking work last employed as wage or salary workers. Statistics based on sample B, see p. 1]

WAGE OR SALARY INCOME	NUMBER							PERCENT		
	Total	Without other income			With other income <sup>1</sup>			Total	With- out other in- come	With other in- come <sup>1</sup>
		Both sexes	Male	Female	Both sexes	Male	Female			
<b>Total persons</b> .....	38,322,420	31,726,680	22,544,300	9,182,380	6,595,740	4,889,500	1,706,240	100.0	100.0	100.0
\$0.....	2,673,440	1,591,720	932,940	658,780	1,081,720	729,400	352,320	7.0	5.0	16.4
\$1-\$99.....	1,277,290	1,065,100	492,900	572,140	212,180	113,340	98,840	3.3	3.4	3.2
\$100-\$199.....	2,203,530	1,837,160	1,013,060	824,100	366,300	222,820	143,480	5.7	5.5	5.6
\$200-\$299.....	4,430,840	3,682,420	2,256,090	1,426,330	794,420	625,240	245,140	11.6	11.5	11.7
\$300-\$399.....	3,889,380	3,316,900	2,080,500	1,236,400	572,420	400,040	172,380	10.1	10.4	8.7
\$400-\$499.....	4,241,880	3,722,860	2,320,320	1,402,540	519,300	370,520	148,780	11.1	11.7	7.9
\$500-\$599.....	3,472,540	3,077,740	2,071,580	1,006,160	395,180	285,920	99,180	9.1	9.7	6.0
\$1,000-\$1,199.....	2,110,120	2,779,440	2,009,200	640,140	330,720	299,080	31,640	5.5	8.5	3.0
\$1,200-\$1,399.....	2,979,820	2,639,980	2,151,020	488,960	334,840	285,640	49,200	7.8	8.3	3.3
\$1,400-\$1,599.....	2,334,240	2,087,300	1,778,960	298,340	270,940	232,740	38,200	6.1	6.5	4.1
\$1,600-\$1,799.....	1,273,800	1,117,700	981,500	136,140	156,100	134,100	22,000	3.3	3.5	2.4
\$1,800-\$1,999.....	1,463,340	1,295,240	1,142,640	152,600	196,900	172,380	24,520	3.8	4.0	3.0
\$2,000-\$2,499.....	2,039,920	1,738,040	1,604,020	134,020	301,880	270,140	31,740	5.3	5.5	4.6
\$2,500-\$2,999.....	771,820	635,560	564,240	41,320	123,900	123,100	800	2.0	2.0	2.1
\$3,000-\$3,999.....	712,040	550,500	515,340	35,160	162,540	149,340	13,200	1.8	1.7	2.6
\$4,000-\$4,999.....	200,700	142,400	135,000	7,400	66,300	64,600	1,700	.5	.4	.9
\$5,000 and over.....	356,000	198,480	190,100	8,380	167,520	152,780	14,740	.9	.6	2.4
Not reported.....	896,680	317,200	221,220	95,980	569,320	340,860	178,460	2.3	1.0	6.6
<b>Median<sup>2</sup></b> .....	\$877	\$885	\$1,046	\$821	\$817	\$972	\$816	—	—	—
<b>Nonwhite</b> .....	1,893,280	1,325,960	1,113,080	212,880	568,220	356,140	212,080	100.0	100.0	100.0
\$0.....	313,020	185,180	95,540	90,640	127,840	85,180	42,660	3.0	1.6	22.5
\$1-\$99.....	242,140	206,280	108,380	97,900	43,800	19,420	24,380	3.8	3.9	8.1
\$100-\$199.....	643,300	562,020	271,820	290,200	81,280	40,280	41,000	16.5	16.9	14.3
\$200-\$299.....	924,400	816,420	498,320	318,100	107,280	60,580	46,700	23.7	24.0	19.0
\$300-\$399.....	601,840	542,840	371,080	171,760	59,000	30,720	28,280	12.6	16.3	10.4
\$400-\$499.....	440,640	401,500	320,400	81,100	34,140	27,820	6,320	11.3	12.1	6.9
\$500-\$599.....	207,380	185,020	164,500	20,520	17,860	14,840	3,020	7.3	6.7	3.1
\$1,000-\$1,199.....	136,100	124,020	113,800	10,220	11,340	10,120	1,220	3.5	3.7	2.0
\$1,200-\$1,399.....	96,980	88,580	82,180	6,400	8,380	7,080	1,300	2.6	2.7	1.6
\$1,400-\$1,599.....	41,680	37,600	34,240	3,360	4,020	3,640	380	1.1	1.1	.7
\$1,600-\$1,799.....	16,300	14,780	12,660	2,120	1,640	1,400	240	.4	.4	.3
\$1,800-\$1,999.....	12,700	11,480	10,120	1,360	1,220	1,080	140	.3	.3	.3
\$2,000-\$2,499.....	19,740	17,220	14,680	2,540	2,020	2,220	800	.6	.6	.4
\$2,500-\$2,999.....	2,980	2,680	2,480	200	240	220	20	.1	.1	.1
\$3,000-\$3,999.....	1,980	1,000	1,280	720	340	240	100	.1	.1	.1
\$4,000-\$4,999.....	400	400	340	60	60	60	0	—	—	—
\$5,000 and over.....	1,320	1,020	940	80	300	240	60	—	—	.1
Not reported.....	90,280	31,280	20,280	10,000	59,000	38,280	20,720	2.3	.9	10.4
<b>Median<sup>2</sup></b> .....	\$344	\$371	\$470	\$347	\$344	\$376	\$343	—	—	—

<sup>1</sup> Includes those for whom receipt or nonreceipt of other income in 1939 not reported.

<sup>2</sup> Median wage or salary income based on number of persons reporting 1 dollar or more of wage or salary income in 1939. For definition of median, see headnote, table 23, p. 24.

Source: Department of Commerce, Bureau of the Census: special report of Sixteenth Census, The Labor Force (Sample Statistics)—Wage or Salary Income in 1939.

## 12. Prices

The indexes issued by the Bureau of Labor Statistics have been, since the beginning of the century, the major source of price statistics in summarized form. This agency prepares a comprehensive weekly and monthly index of wholesale prices, a daily index based on spot market prices of 28 commodities; indexes of the cost of food at retail in 56 large cities; and indexes of consumers' prices for moderate-income families in 34 large cities.

The **wholesale price index** measures average changes in commodity prices of about 850 commodities at the primary market level—usually the level at which the commodity is first sold commercially in substantial volume. The prices are ordinarily those charged by representative manufacturers or producers to the types of distributors or industrial consumers who are characteristic buyers of the product. Wherever feasible the prices are f. o. b. point of production or sale. In the case of farm products and some foods, prices quoted in organized commodity markets are used.

Commodities are priced in terms of a given specification at stated terms of trade. Most of the commodities are represented by a single quotation. In computing the index the price of each article is weighted by the quantities marketed during a representative period—since 1934, the period 1929–1931. Indexes are computed for 10 major commodity groups, 49 subgroups and 5 economic groups.

Beginning with 1921, in computing indexes for commodity groups, articles falling under more than one group are included under each classification. For example, articles produced on the farm which reach the consumer practically unchanged in form, such as potatoes, milk, and eggs, are included among both farm products and foods. Duplication also occurs between the metals and metal products and building materials groups. However, in computing the index for all commodities, such articles are counted only once.

The **consumers' price index** measures average changes in retail prices of selected goods, rent, and services, weighted by quantities bought in 1934–36 by families of wage earners and moderate-income workers in large cities. It does not measure changes in the total amount families spend for living or relative differences in prices or living costs between cities. Indexes for the major groups other than food have been compiled from price data collected in 34 cities since September 15, 1940; and in a smaller number of cities in earlier years. Since March 1943, food indexes have been based upon changes in food prices in 56 cities. The list of items priced for the indexes includes approximately 192 goods and services. For many goods a number of different grades and qualities are priced so that over 270 different articles or qualities of articles are included in the index. Sales taxes are reflected wherever applicable, but income taxes, social security deductions, and bond deductions are not included. Beginning July 1947, indexes were computed monthly for 10 cities and once every 3 months for 24 additional cities according to a staggered schedule, 8 each month; national averages were computed monthly from food indexes for 56 cities, fuel indexes for 34 cities and indexes for other groups for the 18 cities surveyed.

From 1913 to 1925, the weights used are based on a study of the family expenditures in 1917–19 of wage earners and workers in large cities. From 1925 to 1935, the weights of the individual goods and services priced are based on the 1917–19 study, and the group indexes are based on the estimated distribution of family expenditures in the same period. From 1935, the weights are based on a study of family expenditures in 1934–36. The items priced since 1935 represent about 70 percent of the expenditures of families whose incomes averaged \$1,524.

The **retail-food-cost indexes** presented in this section for periods from January 1935 to March 1943 are based on the distribution of expenditures as shown by the 1934-36 study of expenditures of wage earners' and lower-salaried workers' families. In March 1943, the weights for this index were again revised to take account of changes in food purchases due to wartime shortages and rationing. In January 1946, these wartime weight adjustments were eliminated and certain other revisions made in the calculating procedures. The indexes are computed from prices of 54 foods for the period from January 1935 to March 1943, 61 foods for the period March 1943 to June 1947, and 50 foods thereafter. Aggregate costs of these foods in each of 56 cities (51 cities prior to March 1943), weighted to represent total purchases, have been combined for the United States with the use of population weights. Indexes for all periods prior to January 1935 are converted from indexes computed for corresponding periods on the 1923-25 base.

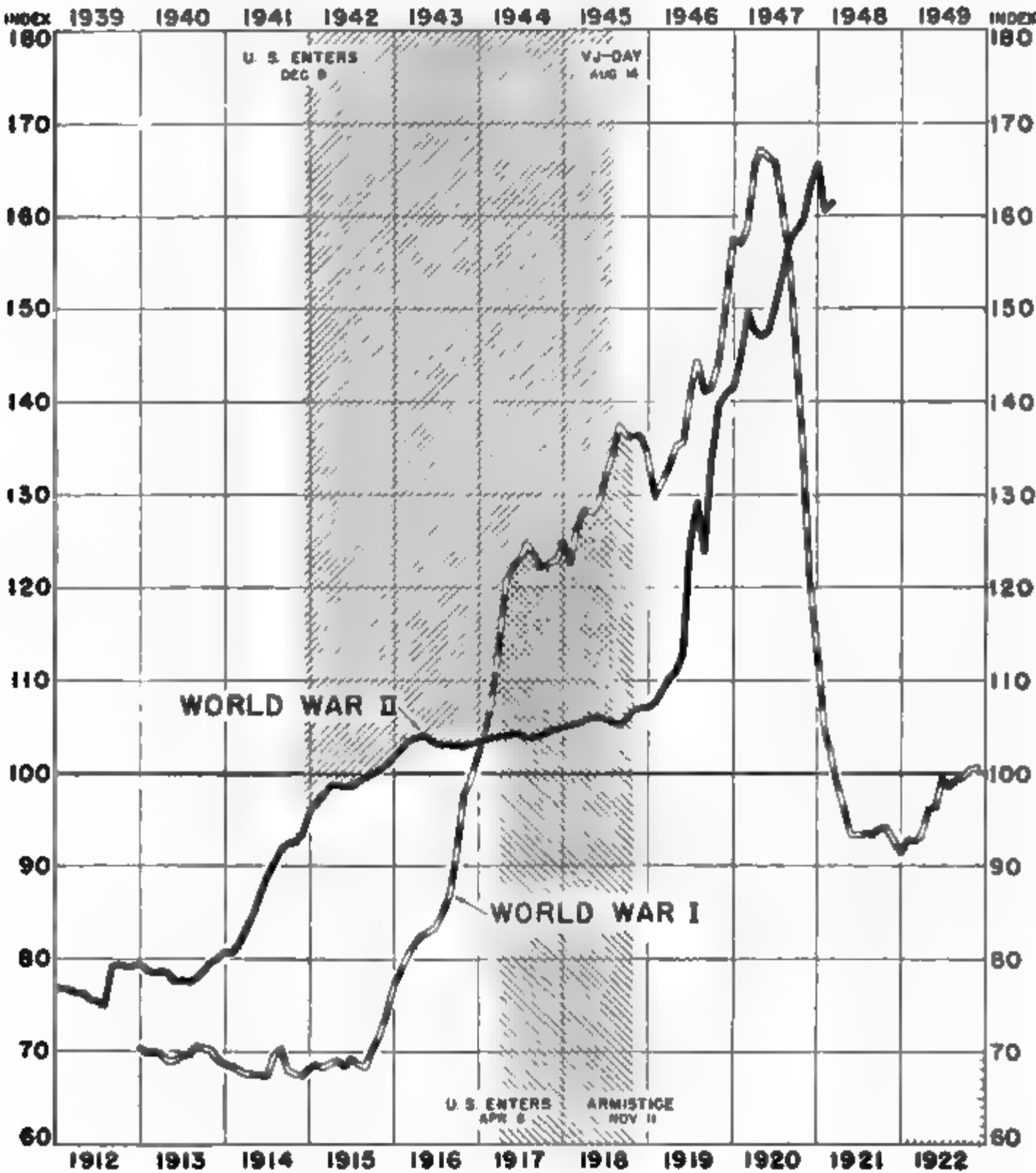
The Bureau of Agricultural Economics prepares currently **indexes of prices received for farm products and of prices paid by farmers**. (In addition to table 323 in this section, see tables 694 and 695.) The index of prices received for farm products included in this section is a revised series replacing the earlier series which has been in use for the past decade. Data cover prices paid to producers for 45 major farm products. Quantity weights applied to the individual commodities have been adjusted to marketings of the most recent prewar years, 1935-39. For other significant changes in the revised index, see source.

In comparing the movement of the **indexes of consumers' prices and of the prices paid by farmers** for commodities bought for family living (table 695), it should be noted that the consumers' price index includes rents and other services and the farm index does not, and that the list of commodities included in the two indexes and their geographic coverage differs because farm family buying differs considerably from that of city families, and farm and city workers are located in different parts of the country.

A number of **privately compiled indexes of wholesale and retail prices** provide some groupings not found in the official indexes. For example, the National Industrial Conference Board prepared current indexes for both a prewar and a wartime budget. Special purpose indexes have not been included in this section.

The user of price indexes is reminded that the margin of error in price statistics due to unrecorded changes in quality, in discounts, and in undercover charges is greater in war than in peacetime.

**FIGURE K.—WHOLESALE PRICES IN TWO WORLD WARS**  
[1926=100. All commodities—prices in primary markets]



Source: Department of Labor, Bureau of Labor Statistics.

## No. 828.—WHOLESALE, RETAIL, AND FARM PRICES—INDEXES, BY MONTHS: 1929 TO 1947

[See general note, p. 293]

YEAR	Yearly average	Jan	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept	Oct.	Nov.	Dec.
<b>Wholesale prices (1926 avg. = 100):</b>													
1929	95.3	95.9	95.4	96.1	96.5	94.7	95.2	96.5	96.3	96.1	95.1	93.5	93.3
1930	96.4	92.5	91.4	90.2	90.0	88.8	86.8	84.4	84.3	84.4	83.0	81.3	79.6
1931	73.0	78.2	75.8	75.0	74.8	73.2	72.1	72.0	72.1	71.2	70.8	70.2	68.6
1932	64.8	67.8	65.3	65.0	65.5	64.4	63.9	64.5	65.2	65.3	64.4	63.9	62.6
1933	65.9	61.0	59.8	60.2	60.4	62.7	65.0	68.9	69.5	70.8	71.2	71.1	70.8
1934	74.9	72.2	73.6	73.7	73.3	73.7	74.6	74.8	76.4	77.6	76.5	76.5	76.9
1935	80.0	78.8	79.5	79.4	80.1	80.2	79.8	79.4	80.5	80.7	80.5	80.6	80.9
1936	80.8	80.6	80.6	79.6	79.7	78.6	79.2	80.5	81.6	81.6	81.5	82.4	84.2
1937	86.3	85.9	86.3	87.8	88.0	87.4	87.2	87.9	87.6	87.4	85.4	83.3	81.7
1938	78.6	80.9	79.8	79.7	78.7	78.1	78.8	78.8	78.1	78.3	77.6	77.5	77.0
1939	77.1	75.9	76.9	76.7	76.2	76.2	76.6	75.4	76.0	79.1	79.4	79.2	79.2
1940	78.6	79.4	78.7	78.4	78.6	78.4	77.5	77.7	77.4	78.0	78.7	79.6	80.0
1941	87.8	80.8	80.6	81.5	82.2	84.9	87.1	88.8	90.3	91.8	92.4	92.5	93.5
1942	98.8	96.0	96.7	97.6	98.7	98.8	98.6	98.7	99.2	99.6	100.0	100.3	101.0
1943	103.1	101.9	102.5	103.4	103.7	104.1	103.8	103.2	103.1	103.1	103.0	102.9	103.2
1944	104.0	103.3	103.6	103.8	103.9	104.0	104.3	104.1	103.9	104.0	104.1	104.4	104.7
1945	105.8	104.9	105.2	105.3	105.7	106.0	106.1	105.9	105.7	105.2	105.9	106.8	107.1
1946	121.1	107.1	107.7	108.9	110.2	111.0	112.9	124.7	129.1	124.0	134.1	139.7	140.9
1947	151.8	141.5	144.5	149.5	147.7	147.1	147.5	150.6	153.6	157.4	158.5	159.5	163.2
<b>Retail food prices (1935-39 avg. = 100):</b>													
1929	132.5	130.0	129.6	128.4	127.7	129.7	131.3	134.9	136.9	136.7	135.3	135.2	133.8
1930	126.0	132.4	131.0	129.2	130.8	129.9	128.1	123.4	122.4	124.5	123.8	120.5	116.5
1931	103.9	113.0	106.9	107.7	108.2	104.6	102.1	102.2	102.5	102.1	101.2	99.0	96.5
1932	96.5	92.2	89.2	89.5	89.0	85.7	85.7	86.5	84.9	84.4	84.0	83.1	82.0
1933	84.1	79.2	76.1	75.7	76.1	79.1	82.2	88.9	91.2	91.1	90.7	89.8	88.1
1934	93.7	89.4	92.0	92.3	91.5	92.4	93.0	93.3	94.2	97.8	96.2	95.4	94.5
1935	100.4	98.4	100.4	99.7	101.9	101.3	100.5	99.4	99.4	100.5	100.0	101.3	102.1
1936	101.3	101.5	100.1	98.5	98.4	98.1	101.7	102.6	104.0	104.5	103.0	101.9	101.6
1937	105.3	108.1	103.6	105.0	105.1	106.1	106.0	106.3	106.9	107.9	106.5	104.1	102.7
1938	97.8	99.7	97.3	97.5	97.5	97.5	98.2	98.5	97.5	98.1	97.1	96.2	97.2
1939	95.2	95.8	94.8	94.6	94.2	94.0	93.6	94.3	93.5	96.4	97.6	96.7	94.9
1940	96.6	94.8	96.5	95.5	95.2	97.0	98.3	97.4	96.2	97.2	96.2	95.9	97.3
1941	106.5	97.8	97.9	98.4	100.6	102.1	106.9	106.7	108.0	110.7	111.5	113.1	113.1
1942	123.9	116.2	115.8	118.5	119.6	121.6	123.2	124.6	126.1	126.6	129.6	131.1	132.7
1943	138.0	133.0	133.6	137.4	140.6	143.0	141.9	139.0	137.2	137.4	138.2	137.3	137.1
1944	136.1	136.1	134.5	134.1	134.6	135.5	135.7	137.4	137.7	137.0	136.4	136.5	137.4
1945	139.1	137.3	136.5	135.9	135.6	138.8	141.1	141.7	140.9	139.4	139.3	140.1	141.4
1946	159.5	141.0	139.6	140.1	141.7	142.6	145.5	165.7	171.2	174.1	180.0	187.7	185.9
1947	193.8	183.8	182.3	189.5	188.0	187.6	190.5	193.1	196.5	203.5	201.6	202.7	206.9
<b>Prices received by farmers (Aug. 1909-July 1914 = 100):</b>													
1929	149	140	145	150	148	145	144	149	151	150	150	150	150
1930	128	147	143	139	139	136	131	121	118	116	116	112	107
1931	80	103	99	100	99	98	87	87	84	82	80	82	79
1932	68	74	71	74	71	65	61	64	65	67	65	65	65
1933	72	61	57	59	61	70	73	83	80	80	79	81	79
1934	90	78	84	85	85	84	86	87	95	101	100	100	101
1935	109	109	114	113	115	111	107	104	106	105	107	106	111
1936	114	109	111	107	108	105	105	115	121	121	119	119	122
1937	122	126	127	131	132	139	125	136	136	117	112	106	106
1938	97	103	99	100	98	95	96	96	93	95	95	97	99
1939	95	95	95	95	94	93	91	91	89	96	99	100	96
1940	100	100	103	103	102	101	97	97	96	96	100	103	104
1941	124	107	107	108	115	116	120	126	130	128	127	127	143
1942	159	148	150	151	155	154	154	157	160	163	163	170	177
1943	192	181	184	192	197	194	195	196	192	198	194	194	196
1944	195	195	195	195	195	194	193	192	193	192	194	195	200
1945	202	201	199	198	203	200	206	206	204	197	199	205	207
1946	253	205	207	200	212	211	218	244	249	243	273	253	254
1947	278	260	262	280	276	272	271	270	276	285	289	287	301

Source: Wholesale and retail prices: Department of Labor, Bureau of Labor Statistics; Handbook of Labor Statistics, 1947, and Monthly Labor Review. A pamphlet "Wholesale Prices" is published annually or semi-annually; retail food price pamphlets also are published periodically. Prices received by farmers: Department of Agriculture, Bureau of Agricultural Economics; published currently in "Agricultural Prices."

No. 324.—WHOLESALE PRICES,—INDEXES, BY MAJOR COMMODITY GROUPS: 1890 TO 1947

[1926=100. See general note, p. 292. For indexes for all commodities combined for prior years, see table 329. For index numbers (based on 1910-14 as 100) showing price changes in farm products and foods compared with all other commodities combined, see table 695, p. 642]

PERIOD	All commodities	Farm products	Foods	Hides and leather products	Textile products	Fuel and lighting	Metals and metal products	Building materials	Chemicals and allied products <sup>1</sup>	House furnishing goods	Miscellaneous
1890.....	56.2	50.4	55.5	47.5	57.8	38.1	105.3	46.5	73.2	49.9	97.9
1891.....	55.8	54.2	54.8	47.9	54.6	37.0	92.2	44.2	74.0	50.4	94.3
1892.....	52.2	49.5	51.0	47.2	55.2	34.8	84.0	41.7	74.6	48.1	86.6
1893.....	53.4	51.3	54.7	45.1	54.1	35.3	76.8	41.6	72.7	48.1	89.0
1894.....	47.9	44.6	48.2	43.0	46.1	34.3	65.7	39.8	65.5	45.3	86.4
1895.....	48.8	43.9	47.3	49.4	44.3	40.3	70.4	38.8	64.7	43.5	88.9
1896.....	46.5	39.6	44.1	45.2	43.1	39.5	71.2	38.9	65.0	43.4	90.2
1897.....	46.6	42.5	45.5	45.9	42.9	33.9	65.0	37.4	70.9	42.5	92.5
1898.....	48.5	44.9	47.8	48.3	44.9	34.5	65.3	39.6	77.4	44.0	93.4
1899.....	52.2	45.8	47.7	49.4	47.7	41.2	100.0	43.6	81.1	45.0	97.4
1900.....	56.1	50.5	50.8	49.4	53.3	46.3	98.0	46.2	82.1	48.9	102.0
1901.....	55.3	52.8	50.5	48.9	48.1	44.6	93.1	44.3	84.2	48.9	93.4
1902.....	58.9	58.4	53.3	50.8	49.4	51.8	91.0	45.3	86.5	49.2	88.1
1903.....	59.6	55.6	52.0	49.9	52.8	60.3	90.2	46.7	84.1	50.9	98.9
1904.....	59.7	58.5	54.0	49.7	52.9	53.3	79.9	45.0	84.1	50.3	109.5
1905.....	60.1	56.4	55.1	53.9	54.1	49.6	89.1	48.1	82.3	49.7	117.4
1906.....	61.8	57.3	53.4	57.7	58.7	52.0	102.4	54.0	76.8	51.3	115.3
1907.....	65.2	62.2	57.0	58.0	63.5	54.4	109.8	56.8	78.5	55.0	108.2
1908.....	62.9	62.2	58.7	55.6	54.8	53.7	86.3	52.0	79.6	51.6	97.8
1909.....	67.6	69.6	62.6	61.5	56.5	51.6	84.5	53.7	79.9	51.7	129.6
1910.....	70.4	74.3	64.9	60.2	58.4	47.6	85.2	55.3	82.0	54.0	152.7
1911.....	64.9	66.8	62.0	58.8	55.5	46.7	80.8	55.3	81.6	52.7	108.6
1912.....	69.1	72.6	66.8	64.5	55.7	51.4	89.5	55.9	80.7	53.0	106.4
1913.....	69.8	71.5	64.2	68.1	57.3	61.3	90.8	56.7	80.2	56.1	93.1
1914.....	68.1	71.2	64.7	70.9	54.6	56.6	80.2	52.7	81.4	56.5	89.9
1915.....	69.5	71.5	65.4	75.5	54.1	51.8	86.3	53.5	112.0	56.0	86.9
1916.....	85.5	84.4	75.7	93.4	70.4	74.3	116.5	67.6	160.7	61.4	100.6
1917.....	117.5	129.0	104.5	123.8	98.7	105.4	150.6	88.2	165.0	74.2	122.1
1918.....	131.3	148.0	119.1	125.7	137.2	109.2	136.5	98.6	182.3	93.3	134.4
1919.....	138.6	157.6	129.5	174.1	135.3	104.3	130.9	115.6	157.0	105.9	139.1
1920.....	154.4	150.7	137.4	171.3	164.8	163.7	149.4	150.1	164.7	141.8	167.5
1921.....	97.6	88.4	90.6	109.2	94.5	96.8	117.5	97.4	115.0	113.0	109.2
1922.....	96.7	93.8	87.6	104.6	100.2	107.3	102.9	97.3	100.3	103.5	92.8
1923.....	100.6	98.6	92.7	104.2	111.3	97.3	109.3	108.7	101.1	108.9	99.7
1924.....	98.1	100.0	91.0	101.5	106.7	92.0	106.3	102.3	98.9	104.9	93.6
1925.....	103.5	109.8	100.2	105.3	108.3	96.5	103.2	101.7	101.8	103.1	109.0
1926.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1927.....	95.4	99.4	96.7	107.7	95.6	88.3	96.3	94.7	96.1	97.5	91.0
1928.....	96.7	106.9	101.0	121.4	95.5	84.3	97.0	94.1	95.0	95.1	85.4
1929.....	95.3	104.9	99.9	109.1	90.4	83.0	100.5	95.4	94.0	94.3	82.6
1930.....	86.4	88.3	90.5	100.0	80.3	78.5	92.1	89.9	88.7	92.7	77.7
1931.....	73.0	64.8	74.6	86.1	66.3	67.5	84.5	79.2	79.3	84.9	69.8
1932.....	64.8	48.2	61.0	72.9	54.9	70.3	80.2	71.4	73.9	75.1	64.4
1933.....	65.9	51.4	60.5	80.9	64.8	66.3	79.8	77.0	72.1	75.8	62.5
1934.....	74.9	65.3	70.5	86.6	72.9	73.3	86.9	86.2	75.3	81.5	69.7
1935.....	80.0	78.8	83.7	89.6	70.9	73.5	86.4	85.3	79.0	80.6	68.3
1936.....	80.8	80.9	82.1	95.4	71.5	76.2	87.0	86.7	78.7	81.7	70.5
1937.....	86.3	86.4	85.5	104.6	76.3	77.6	95.7	95.2	82.6	89.7	77.8
1938.....	78.6	68.5	73.6	92.8	66.7	76.5	95.7	90.3	77.0	86.8	73.3
1939.....	77.1	65.3	70.4	95.6	69.7	73.1	94.4	90.5	76.0	86.3	74.8
1940.....	78.6	67.7	71.3	100.8	73.8	71.7	95.8	94.8	77.0	88.5	77.3
1941.....	87.3	82.4	82.7	108.3	84.8	76.2	99.4	103.2	84.4	94.3	82.0
1942.....	98.8	105.9	99.6	117.7	96.9	78.5	103.8	110.2	95.5	102.4	89.7
1943.....	103.1	122.6	106.6	117.5	97.4	80.8	103.8	111.4	94.9	102.7	92.2
1944.....	104.0	123.3	104.9	116.7	98.4	83.0	103.8	115.5	95.2	104.3	93.6
1945.....	105.8	128.2	106.2	118.1	100.1	84.0	104.7	117.8	95.2	104.5	94.7
1946.....	121.1	148.9	130.7	137.2	116.3	90.1	115.5	132.6	101.4	111.6	100.5
March.....	108.9	133.4	109.4	119.8	104.7	85.0	108.4	124.9	96.0	106.9	96.6
June.....	112.9	140.1	112.9	122.4	109.2	87.8	112.2	129.9	96.4	110.4	98.5
September.....	124.0	154.3	131.9	141.6	125.7	94.3	114.2	133.8	98.4	113.6	102.1
December.....	140.9	168.1	160.1	176.7	134.7	96.1	134.7	157.8	125.7	120.2	108.9
1947.....	151.8	181.3	168.7	181.9	140.9	108.7	145.0	179.5	127.3	129.1	114.3
March.....	149.5	182.6	167.6	174.6	139.6	100.7	139.9	177.5	132.2	125.8	115.3
June.....	147.6	177.9	161.8	173.2	138.9	103.9	142.6	174.4	120.2	129.2	112.7
September.....	157.4	186.4	179.3	184.8	142.0	114.1	150.7	183.3	122.3	130.6	115.9
December.....	163.2	196.7	178.4	203.1	147.6	124.3	152.3	191.0	135.0	139.7	121.5

<sup>1</sup> Prior to 1926 "chemicals and drugs." Indexes for the 2 groups are not strictly comparable.

Source: Department of Labor, Bureau of Labor Statistics. See source note, table 325.



**No. 825.—WHOLESALE PRICES—INDEXES, BY GROUPS AND SUBGROUPS OF COMMODITIES: 1929 TO 1947**

[1929=100. See general note, p. 292, regarding commodities included in 2 groups]

COMMODITY GROUP	1929	1932	1939	1941	1945	1946			1947		
						Average	June	Dec.	Average	June	Dec.
All commodities.....	85.3	64.5	77.1	87.3	105.8	121.1	112.9	140.9	151.5	147.4	161.2
Farm products.....	104.9	48.2	65.2	82.4	128.2	148.9	140.1	168.1	181.3	177.9	198.7
Grains.....	97.4	39.4	58.6	76.9	129.7	155.6	151.8	163.0	210.7	208.0	252.7
Livestock and poultry.....	106.1	48.2	72.2	91.6	132.5	155.6	137.4	194.7	210.4	200.9	236.3
Other farm products.....	106.6	51.4	62.6	77.8	124.3	142.0	137.5	152.5	154.7	165.3	162.5
Foods.....	99.9	61.0	70.4	82.7	105.2	136.7	112.9	160.1	168.7	161.8	178.4
Dairy products.....	105.6	61.3	69.6	87.3	111.1	145.8	127.9	180.0	161.0	140.9	183.6
Cereal products.....	88.0	66.4	74.8	80.7	95.2	114.5	101.7	139.5	155.6	149.2	170.6
Fruits and vegetables.....	97.8	58.0	62.0	87.5	122.6	129.9	136.1	134.5	137.0	145.2	135.4
Meats.....	100.1	58.2	77.2	90.4	107.8	145.9	110.1	188.2	213.2	208.6	214.8
Other foods.....	93.9	60.7	64.1	78.9	96.6	111.9	98.1	139.0	148.1	139.7	160.0
Hides and leather products.....	109.1	72.9	95.6	106.5	118.1	137.2	122.4	178.7	181.9	173.2	203.1
Shoes.....	106.3	86.1	102.6	113.5	126.4	141.7	129.5	169.9	176.3	172.6	190.7
Hides and skins.....	112.7	42.1	84.6	108.4	117.0	147.4	121.5	216.5	209.6	187.1	256.9
Leather.....	113.2	65.1	87.5	97.9	102.2	128.6	110.7	185.0	191.4	179.9	216.2
Other leather products.....	105.4	90.1	97.1	104.7	118.2	117.0	115.2	123.6	139.3	138.3	141.8
Textile products.....	90.4	64.9	69.7	84.8	100.1	116.3	109.2	134.7	140.9	138.9	147.6
Clothing.....	90.0	63.0	62.0	92.6	107.4	119.3	120.3	129.8	134.1	132.9	136.3
Cotton goods.....	98.6	54.0	67.2	94.2	121.4	150.5	139.4	181.6	198.5	193.8	213.6
Hosiery and underwear.....	88.5	51.6	61.4	83.1	71.7	82.1	75.8	96.9	100.6	100.8	108.0
Rayon.....	68.4	35.4	28.8	29.7	30.2	30.7	30.2	33.8	37.0	37.0	40.0
Silk.....	82.7	29.6	46.1	(1)	(1)	(1)	(1)	103.2	73.6	68.4	73.3
Woolen and worsted goods.....	88.3	67.7	79.8	96.6	112.7	115.7	112.7	119.0	120.5	120.2	139.6
Other textile products.....	93.1	67.9	69.2	90.7	101.1	122.8	112.3	168.1	174.5	173.8	177.6
Fuel and lighting materials.....	83.0	70.3	73.1	76.2	84.0	96.1	87.8	96.1	108.7	103.9	124.8
Anthracite.....	90.1	88.4	75.8	82.7	99.0	109.0	106.1	113.7	117.6	112.7	123.4
Bituminous coal.....	91.3	82.0	97.6	104.3	123.1	132.5	132.8	138.9	157.6	145.6	174.3
Coke.....	84.6	77.7	105.6	119.3	132.5	140.4	133.5	147.6	166.6	157.3	183.4
Electricity.....	94.5	104.7	78.6	68.3	62.3	66.6	67.2	65.8	---	64.4	---
Gas.....	93.1	101.3	84.1	78.6	77.9	80.7	79.6	83.1	---	85.8	85.4
Petroleum and products.....	71.3	45.4	52.2	67.0	63.5	67.5	64.0	75.8	90.2	87.8	112.0
Metals and metal products.....	100.5	86.3	94.4	99.4	104.7	115.5	112.2	134.7	145.6	142.6	152.3
Agricultural implements.....	96.7	94.9	92.4	83.5	97.8	106.5	107.0	117.1	119.6	118.2	127.0
Iron and steel.....	94.9	79.4	95.8	96.4	99.2	110.3	110.1	117.4	133.5	131.4	142.2
Motor vehicles.....	100.0	87.1	93.4	103.3	115.4	135.1	137.7	151.0	153.7	149.4	160.5
Nonferrous metals.....	106.1	49.8	78.0	84.4	85.8	99.7	99.2	129.3	140.3	142.9	143.0
Plumbing and heating.....	95.0	66.8	79.2	84.8	93.4	103.8	106.0	114.9	125.3	119.1	136.1
Building materials.....	95.4	71.4	90.5	103.2	117.8	122.6	129.9	157.8	179.5	174.4	191.6
Brick and tile.....	94.3	77.3	91.4	93.7	112.4	122.9	121.3	130.0	140.0	134.7	143.8
Cement.....	89.0	74.3	91.3	92.0	99.4	104.1	102.6	106.9	115.7	114.3	121.6
Lumber.....	93.8	66.5	93.2	122.5	155.1	178.4	178.0	227.2	277.2	266.1	303.2
Paint and paint materials.....	94.9	71.1	82.8	91.4	106.9	118.5	108.6	156.4	162.6	150.6	164.0
Plumbing and heating.....	95.0	66.8	79.2	84.8	93.4	103.8	106.0	114.9	125.3	119.1	136.1
Structural steel.....	98.1	90.9	107.3	107.8	107.8	118.4	120.1	120.1	134.5	127.7	143.0
Other building materials.....	97.7	79.5	90.3	96.3	104.4	118.6	118.4	131.8	147.2	145.1	166.6
Chemicals and allied products.....	94.0	73.9	76.0	84.4	95.2	101.4	96.4	125.7	127.3	130.2	135.9
Chemicals.....	99.7	89.8	84.7	87.2	96.1	99.8	98.0	111.6	118.7	118.7	124.1
Drugs and pharmaceuticals.....	66.8	53.0	78.2	102.6	109.0	120.8	109.4	161.2	159.1	156.1	154.9
Fertilizer materials.....	95.6	63.7	67.9	73.5	81.6	87.4	82.7	96.1	105.4	101.8	114.4
Mixed fertilizers.....	93.2	68.4	78.0	76.0	86.6	88.2	86.6	93.6	97.5	96.8	101.5
Oils and fats.....	89.0	40.0	48.4	77.6	102.0	119.1	102.1	203.0	187.9	139.2	215.9
Housefurnishing goods.....	94.3	75.1	94.3	94.3	104.5	111.6	110.4	120.2	129.1	129.2	139.7
Furnishings.....	93.6	75.4	91.1	99.9	107.6	116.6	114.5	126.3	136.3	137.2	142.8
Furniture.....	95.0	75.0	81.8	88.4	101.6	106.4	106.1	113.9	121.7	120.9	136.3
Miscellaneous.....	82.6	64.4	74.6	82.0	94.7	100.3	98.5	106.9	114.3	112.7	121.5
Auto tires and tubes.....	54.5	41.1	58.6	56.4	68.0	66.2	65.7	67.3	63.6	62.5	63.4
Cattle feed.....	121.6	46.0	83.3	101.2	139.6	191.1	197.8	193.8	249.9	253.3	306.2
Paper and pulp.....	88.9	75.6	82.4	98.2	108.8	119.4	115.6	126.4	154.4	154.2	164.7
Rubber, crude.....	42.3	7.3	37.2	46.1	46.2	46.2	46.2	46.2	44.2	37.1	44.5
Other miscellaneous.....	95.4	83.7	82.6	87.8	98.9	104.3	101.0	117.0	123.3	121.7	130.0

Not available.

Source: Department of Labor, Bureau of Labor Statistics, Handbook of Labor Statistics, 1947, annual or semiannual report, Wholesale Prices; and Monthly Labor Review.

No. 826.—WHOLESALE PRICES—INDEXES, ALL COMMODITIES AND BY ECONOMIC CLASSES: 1930 TO 1947

[Figures in column heads indicate current number of quotations. Indexes of National Bureau of Economic Research are weighted arithmetic means for 680 price series, weights being based upon average value of production in 1927 and 1931. For method of computing Department of Labor index, see general note, p. 292. For Department of Labor publications in which data appear, see source note, table 325]

YEAR	DEPARTMENT OF LABOR 1929=100				NATIONAL BUREAU OF ECONOMIC RESEARCH 1929=100				
	All com- modities	Raw materials	Semi manu- factures	Manu- factured prod- ucts	All com- modities	Pro- ducers' goods	Con- sumers' goods	Durable goods	Non- durable goods <sup>1</sup>
	861	109	97	655	680 <sup>2</sup>	418 <sup>2</sup>	292 <sup>2</sup>	222 <sup>2</sup>	469 <sup>2</sup>
1930.....	90.7	86.5	87.1	93.1	90.5	88.4	93.2	93.0	89.1
1931.....	76.6	67.3	73.5	81.5	76.5	73.1	80.7	84.7	72.7
1932.....	68.0	56.5	63.2	74.4	67.4	64.9	70.6	78.5	61.5
1933.....	69.2	57.9	69.6	74.6	69.4	68.3	70.9	80.2	64.1
1935.....	83.9	79.1	78.4	87.0	83.4	83.1	83.9	86.5	81.2
1937.....	90.6	87.0	90.8	92.3	90.8	93.1	88.0	98.7	87.2
1939.....	80.9	72.0	82.0	85.1	80.6	82.1	78.6	95.4	74.0
1940.....	82.5	73.7	84.2	86.3	82.8	84.5	80.8	98.7	76.3
1941.....	91.6	85.6	92.5	94.3	92.1	94.3	89.6	104.2	87.2
1942.....	103.7	103.2	98.6	104.3	104.5	105.8	103.2	110.3	102.9
1943.....	108.2	115.0	98.9	105.9	109.4	110.3	108.4	110.6	109.5
1944.....	109.1	116.1	100.2	106.7	110.4	112.5	108.0	112.2	110.2
1945.....	111.0	119.8	102.1	107.7	112.6	115.4	109.1	113.8	112.6
1946.....	127.1	138.2	118.0	122.9	129.1	131.2	126.5	124.6	131.8
1947.....	159.3	169.8	158.1	154.0	162.3	168.0	155.3	157.8	165.8

<sup>1</sup> Perishable and semidurable.  
<sup>2</sup> Sum of number of quotations for producers' and consumers' goods and for durable and nondurable goods is greater than number of all commodities owing to duplication of certain price series in classifications. For example, identical price quotations on flour are used in both producers' goods and consumers' goods.

No. 827.—INDEXES OF SPOT MARKET PRICES OF 28 COMMODITIES: 1939 TO 1947

[August 1939=100. Figures in column heads represent number of commodities. Index is computed daily; represents unweighted geometric average of daily price quotations of 28 commodities, traded on organized exchanges. The index is much more sensitive to changes in market conditions than is monthly or weekly wholesale price index]

PERIOD	General Index	IMPORT AND DOMESTIC		Domestic agricul- tural	FOODSTUFFS AND INDUSTRIAL	
		Import commod- ities	Domestic commod- ities		Food- stuffs	Raw indus- trial
	(28)	(11)	(17)	(7)	(12)	(16)
1939—Average.....	109.2	110.1	108.6	109.4	111.2	107.7
1940—Average.....	114.3	117.2	112.4	119.7	110.6	116.9
1941—Average.....	143.9	147.8	141.5	147.8	150.5	139.1
1942—Average.....	167.6	162.4	171.0	183.8	186.9	154.2
1943—Average.....	176.7	167.2	183.2	210.0	201.7	159.9
1944—Average.....	181.5	168.4	190.5	222.7	207.3	164.1
1945—Average.....	184.4	168.9	195.2	227.6	209.5	167.4
1946—Average.....	228.2	209.7	241.0	274.7	273.8	198.8
March.....	189.7	170.7	203.2	238.5	216.4	171.8
June.....	197.2	172.1	215.4	254.4	225.3	178.3
September.....	240.5	222.6	252.9	291.2	298.0	204.6
December.....	301.0	288.8	309.1	311.3	362.2	261.7
1947—Average.....	322.7	290.1	345.6	362.7	393.9	276.1
March.....	334.1	291.2	365.1	346.3	413.1	284.6
June.....	300.0	270.6	320.7	354.6	359.9	261.8
September.....	322.2	287.5	346.8	382.9	408.7	270.6
December.....	353.0	309.5	384.3	413.4	444.7	294.1

Source: Department of Labor, Bureau of Labor Statistics; Handbook of Labor Statistics, 1947; annual or semi-annual bulletin, Wholesale Prices; also published daily and weekly in mimeographed reports.

## No. 328—WHOLESALE PRICES OF IMPORTANT COMMODITIES: 1929 TO 1947

[Represents selection from among commodities entering into general index of wholesale prices of Department of Labor as of December 1947 (see general note, p. 292). For weights of bushel and barrel except as noted, see Appendix, p. 982]

COMMODITY	unit	AVERAGE PRICE (DOLLARS)						
		1929	1932	1939	1941	1945	1946	1947
FARM PRODUCTS								
Barley, No. 2, malting, Minneapolis.....	Bushel.....			0.552	0.622	1.300	1.540	2.214
Corn, No. 3, yellow, Chicago.....	do.....	0.938	0.307	.499	.706	1.169	1.520	2.069
Oats, No. 2, white, Chicago <sup>1</sup> .....	do.....	.486	.209	.345	.425	(?)	.844	1.057
Rye, No. 2, Minneapolis.....	do.....			.488	.586	1.478	2.430	2.956
Wheat, No. 2, red winter, Chicago <sup>1</sup> .....	do.....	1.304	.531	.803	1.046	1.753	1.998	2.689
Wheat, No. 2, hard, Kansas City.....	do.....	1.180	.494	.755	.993	1.664	1.895	2.603
Cattle, steers, good to choice, Chicago.....	100 lbs.....	13.493	7.799	10.438	12.102	16.878	21.014	29.188
Hogs, good to choice, light, Chicago.....	do.....	10.666	4.117	7.098	9.859	14.758	17.926	26.373
Lambs, native, good to choice, Chicago.....	do.....	14.509	6.224	9.345	11.239	15.400	18.720	23.255
Poultry, live fowls, Chicago.....	Pound.....	.273	.148	.154	.190	.252	.272	.252
Cotton, middling, Galveston <sup>1</sup> .....	do.....	.187	.068	.089	.136	.210	.288	.328
Eggs, firsts, Chicago.....	Dozen.....	.354	.177	.175	.254	.372	.361	.433
Eggs, firsts, New York.....	do.....	.368	.193	.184	.266			
Eggs, standards, New York.....	do.....					.391	.371	.459
Apples, medium grade, Portland, Oreg.....	Box.....			1.331	1.433	3.429	3.587	(?)
Oranges, average grade, California, Chicago.....	do.....	6.540	3.819	3.239	3.379	4.879	5.403	4.909
Hay, alfalfa, Nos. 1 and 2, Kansas City.....	Ton <sup>1</sup> .....						31.072	31.863
Milk, fluid, Chicago.....	100 lbs.....			1.764	2.381	3.302	4.157	4.157
Milk, fluid, New York.....	do.....	3.997	2.379	2.837	3.357	4.345	5.220	5.786
Peanuts, shipping point.....	Pound.....			.054	.066	.142	.144	.162
Flaxseed, Minneapolis.....	Bushel.....	2.766	1.181	1.824	1.872	3.100	4.225	6.848
Tobacco, leaf, warehouse sales.....	100 lbs.....	20.125	8.464	19.205	18.309	42.970	43.640	43.619
Potatoes, white, Boston.....	do.....	1.802	.863	1.580	1.499	3.352	3.182	(?)
Wool, domestic, scoured, staple, fine and medium fine, Boston.....	Pound.....	.987	.459	.822	1.091	1.192	1.025	1.215
FOODS								
Butter, creamery, extra:								
Chicago.....	Pound.....	.437	.200	.253	.337	.414	.620	.702
New York.....	do.....	.449	.210	.260	.343	.421	.628	.712
San Francisco.....	do.....	.458	.219	.277	.359	.433	.636	.738
Cheese, whole milk, Chicago.....	do.....	.221	.120	.142	.204	.252	.370	.384
Milk, evaporated, New York.....	Case <sup>1</sup> .....	3.867	2.528	2.950	3.541	4.200	4.969	5.658
Bread, Chicago.....	Pound.....	.075	.070	.058	.059	.058	.093	.116
Bread, New York.....	do.....	.066	.060	.062	.066	.072	.101	.121
Flour, short patents, Kansas City.....	100 lbs.....					3.343	(?)	6.369
Flour, standard patents, Minneapolis.....	do.....					3.340	(?)	6.757
Rice, Blue Rose, New Orleans.....	Pound.....	.038	.022	.034	.046	.066	.076	.106
Raisins, seedless, packers.....	do.....	.046	.048	.039	.049	(?)	(?)	(?)
Bananas, Honduras, Guatemala, etc., f. o. b. port of entry.....	100 lbs.....					4.500	4.689	5.747
Beef, fresh, carcass, steer, Chicago.....	Pound.....	.231	.130	.163	.177	.200	.279	.423
Lamb, fresh, Chicago.....	do.....	.256	.134	.167	.184	.238	.310	.418
Hams, smoked, loose, Chicago.....	do.....	.244	.133	.200	.254	.258	(?)	(?)
Bacon, Chicago.....	do.....	.263	.124	.173	.223	(?)	.331	.611
Pork loins, fresh, Chicago.....	do.....	.246	.115	.176	.207	.234	.327	.509
Poultry, dressed, New York.....	do.....			.192	.232	.348	.369	.360
Coffee, Santos 4, New York.....	do.....	.221	.107	.075	.114	.136	.187	.264
Salmon, canned, pink, No. 1, tall, Seattle.....	Dozen cans.....			1.174	1.692	1.970	2.304	3.835
Lard, prime, contract, New York.....	Pound.....	.120	.050	.069	.092	(?)		
Lard, 50-pound cartons, Chicago.....	do.....						(?)	.240
Oleomargarine, vegetable fat, delivered.....	do.....	.174	.106	.145	.156	.204	.231	.331
Salt, American, medium, Chicago.....	100 lbs.....					.890	.900	.972
Sugar, cane, granulated, New York.....	Pound.....	.051	.040	.046	.049	.054	.064	.081
Sugar, cane, raw 96°, New York.....	do.....	.038	.029	.030	.034	.038	.046	.062
Cottonseed oil, New York.....	do.....	.097	.038	.066	.104	.143	(?)	.274
HIDES AND LEATHER PRODUCTS								
Hides, packers, heavy native steers, Chicago.....	do.....	.171	.061	.123	.145	.155	.184	.275
Calfskins, packers, Chicago.....	do.....	.209	.064	.179	.223	.218	.254	.607
Goat skins, India, New York.....	do.....						.804	.954
Leather:								
Calif, chrome, B and C grade (composite price).....	Sq. ft.....			.393	.488	.512	.589	1.110
Glased kid, top grade, Boston <sup>1</sup> .....	do.....	.725	.436	.579	.594	.600	.823	1.256
Side, black, chrome tanned, B-grade, Boston <sup>1</sup> .....	do.....	.288	.162	.219	.288	.310	.361	.711
Sole, oak, scoured backs, Boston.....	Pound.....	.529	.291	.320	.390	.415	.481	(?)

For footnotes, see p. 301.

## No. 828.—WHOLESALE PRICES OF IMPORTANT COMMODITIES: 1929 TO 1947—Con.

COMMODITY	Unit	AVERAGE PRICE (DOLLARS)						
		1929	1932	1939	1941	1945	1946	1947
HIDES AND LEATHER PRODUCTS—con.								
Shoes, oxford, factory:								
Men's, black, calf tip.....	Pair.....	3.467	3.092	4.019	4.327	4.600	5.225	6.351
Women's, black, calf, blucher.....	do.....			2.563	2.607	3.000	3.427	(?)
TEXTILE PRODUCTS								
Cotton goods, mill:								
Damask, table, mercerized, mill, 58-inch.....	Yard.....	.370	.292	.400	.475	.505	.669	.790
Denims, 28-inch.....	do.....	.181	.091	.106	.154	.213	.283	.338
Drillings, brown, 30-inch.....	do.....			.084	.134	.177	.231	.280
Gingham, 35-inch-36-inch.....	do.....						.383	.441
Muslin, bleached, series 1.....	do.....	.174	.103	.130	.160	(?)	(?)	.329
Print cloth, 27-inch.....	do.....	.052	.026	.036	.055	.068	(?)	(?)
Print cloth, 39-inch.....	do.....						.176	.333
Sheeting, bleached, series 2.....	do.....	.506	.296	.323	.381	.498	.627	(?)
Sheeting, brown, series 1.....	do.....			.067	.115	.153	.201	.264
Yarn, carded, Southern, 2 2/1 cones.....	Pound.....				.355	.457	.590	.708
Hosiery and underwear:								
Hosiery, men's cotton, seamless.....	Dozen pair.....					1.600	1.776	2.036
Men's union suits, knit, ribbed.....	Dozen.....					10.521	(?)	15.901
Rayon, fl. yarn, viscose, 100 den.....	Pound.....	2.027	.836	.686	.709	.730	.739	(?)
Silk, raw, Japan, 20-22 yellow, New York.....	do.....	4.880	1.540	2.615	(?)	(?)	(?)	(?)
Woolen and worsted goods, mill:								
Suiting, serge, 15-15½-ounce.....	Yard.....					2.698	2.780	3.383
Flannel, 54-inch.....	do.....							1.721
Yarn, fine, weaving, 2/50's.....	Pound.....	1.967	1.186	1.656	2.098	2.450	2.450	3.066
Thread, cotton, 6-cord.....	100 yds.....	.037	.035	.023	.027	.028	.037	.044
FUEL AND LIGHTING								
Coal, anthracite, chestnut.....	Ton <sup>1</sup> .....	11.505	10.879	9.143	10.006	11.887	13.056	14.108
Coal, bituminous, mine run.....	do.....	3.953	3.638	4.311	4.560	5.356	5.775	6.873
Coke, Connellsville, beehive, furnace.....	do.....	2.780	2.123	4.091	5.851	7.298	8.053	10.500
Coke, Newark, byproduct, foundry.....	do.....	9.200	8.654	11.230	12.565	13.486	14.400	16.995
Electricity, average price in U. S.....	100 kw. hr.....			1.717	1.475	1.343	1.438	-----
Gas, manufactured and mixed, average realized price.....	Dekatherm.....						.946	.997
Gas, natural, average realized price.....	do.....						.172	.181
Fuel oil, refinery, Pennsylvania.....	Gallon.....	.048	.032	.042	.051	.064	.060	.081
Gasoline, 74-76 oct., refinery, Pennsylvania.....	do.....				.066	.075	.071	.088
Gasoline, 73-75 oct., refinery, north Texas.....	do.....	.072	.044	.049	.054	.059	.065	.082
Petroleum, crude, Kansas-Oklahoma.....	Barrel <sup>1</sup> .....	1.233	.811	.954	1.060	1.110	1.307	1.843
METALS AND METAL PRODUCTS								
Iron ore, non-Bessemer.....	Ton <sup>1</sup> .....	4.443	4.500	4.950	4.450	4.450	4.814	5.550
Pig iron, Basic, furnace.....	do.....	18.189	13.981	21.077	23.500	24.510	27.165	33.942
Pig iron, Bessemer, Neville Island.....	do.....			22.115	24.500	25.529	28.240	34.923
Nails, wire, base price, Pittsburgh.....	100 lbs.....	2.579	1.950	2.461	2.550	2.850	3.477	3.971
Pipe, cast iron, 4-inch, Birmingham.....	Ton <sup>1</sup> .....				51.540	58.607	75.018	96.818
Skelp, grooved, Pittsburgh.....	100 lbs.....	1.859	1.567	1.900	1.900	1.900	2.030	2.450
Steel billets, rerolling, Pittsburgh.....	Ton <sup>1</sup> .....	34.642	26.519	34.000	34.000	35.192	38.604	43.327
Steel plates, basing point.....	Pound.....	.019	.016	.021	.021	.022	.025	-----
Steel plates, hot rolled, ¼-inch thick, 24-72 inches wide basing point.....	100 lbs.....							2.893
Steel rails, mill.....	Ton <sup>1</sup> .....	43.000	42.377	40.000	40.000	42.942	(?)	2.606
Steel sheets, No. 27, basing point.....	Pound.....	.030	.023	.031	.032	.032	.035	-----
Steel sheets, hot rolled, No. 11, 36-48 inches wide, 10 feet long, basing point.....	100 lbs.....							2.883
Steel, structural shapes, mill.....	do.....	1.921	1.584	2.100	2.100	2.100	2.317	2.633
Tin plate, Pittsburgh.....	do.....			5.000	5.000	5.000	5.000	5.750
Aluminum, 99 percent plus, New York.....	Pound.....	.243	.233	.200	.165	.150	.150	.150
Copper, electrolytic, delivered.....	do.....	.184	.058	.112	.120	.120	.141	.213
Lead, pig, desilverized, New York.....	do.....	.068	.032	.051	.058	.065	.082	.147
Silver, bar, fine, New York.....	Ounce.....	.533	.283	.395	.351	.520	.797	.717
Tin, pig, New York.....	Pound.....	.452	.219	.504	.520	.520	.547	.780
Zinc, pig, slab, New York.....	do.....	.068	.032	.055	.079	.086	.092	.110
Agricultural implements, factory:								
Cultivator, 1- and 2-row, riding.....	Each.....						(?)	87.892
Harrow, spike tooth.....	do.....				17.677	18.846	20.813	(?)
Plow, 2-horse.....	do.....				16.380	(?)	(?)	(?)
Separator, cream.....	do.....					78.452	82.830	(?)
Tractor, 2-plow.....	do.....			691.708	665.694	707.000	765.750	(?)
Bearings, ball, S.A.E. No. 208, factory <sup>1</sup> .....	do.....			2.051	2.051	1.337	1.426	1.497
Bearings, roller, S.A.E. No. 220, factory <sup>1</sup> .....	do.....			14.820	14.820	14.209	16.254	18.379

For footnotes, see p. 301.

## No. 328.—WHOLESALE PRICES OF IMPORTANT COMMODITIES: 1929 TO 1947—Con.

COMMODITY	Unit	AVERAGE PRICE (DOLLARS)						
		1929	1933	1939	1941	1945	1946	1947
BUILDING MATERIALS								
Douglas fir boards, No. 1, mill	1,000 ft.	17.951	9.395	19.336	26.017	35.195	40.102	64.026
Maple, flooring, second grade, Cadillac	do	57.775	33.890	56.699	72.537	97.854	103.690	(?)
Oak, White, No. 1, common, mill	do	43.365	30.135	30.184	35.275	(?)	(?)	(?)
Oak, White, No. 1, common and select, mill	do					63.700	68.813	89.223
Pine, White, No. 3, Chicago	do	37.730	25.490	35.172	44.194	55.125	(?)	69.971
Pine, Yellow boards <sup>10</sup>	do		12.353	22.438	71.700	41.630	48.086	(?)
Shingles, cedar, red, No. 1, mill <sup>11</sup>	Square	2.740	1.490	2.814	3.130	4.350	(?)	10.111
Brick, common, building, plant	1,000		10.694	12.046	12.585	15.891	17.100	19.867
Cement, Portland, delivered, New York	Barrels	1.779	1.390	1.870	1.870	2.080	2.141	2.396
Linseed oil, raw, New York	Pound	.123	.063	.092	.106	.155	.197	.343
White lead, in oil, New York	do	.138	.120	.123	.131	.132	.154	.265
Plaster, f. o. b. cars, destination	Ton <sup>2</sup>	9.976	12.390	11.947	11.896	12.699	13.926	14.908
Glass, window, single B, New York	50 sq. ft.			2.736	2.940	2.950	3.568	4.603
Lime, building, common, plant	Ton <sup>3</sup>	7.987	6.933	7.097	7.093	7.662	8.089	8.851
CHEMICALS AND ALLIED PRODUCTS								
Acetone, C. P., delivered, East	Pound		.098	.047	.066	.065	.062	.071
Acid, acetylsalicylic, U. S. P., f. o. b. New York	do	.860	.744	.480	.400	.400	.404	.400
Acid, sulfuric, 66°, Eastern works	Ton <sup>4</sup>	15.500	15.500	16.500	16.500	16.500	16.500	16.471
Alcohol, S. D. 1, Eastern works	Gallon	.490	.304	.305	.265	.505	.580	.910
Ammonia, anhydrous, New York	Pound	.140	.155	.160	.160	.145	.145	.158
Benzene, pure 90 percent nitration	Gallon	.227	.200	.160	.140	.150	.152	.185
Calcium arsenate, drums, works	Pound				.065	.075	.078	.094
Calcium carbide, drums, delivered	do	.050	.060	.048	.048	.044	.044	.045
Chlorine, liquid, tanks, works	100 lbs	2.964	1.600	1.779	1.780	1.750	1.794	2.062
Formaldehyde, tanks, f. o. b. works	Pound			.045	.040	.082	1.000	.096
Glycerine, U. S. P., C. P., drums	do	.144	.105	.125	.131	.165	.234	.420
Phenol, U. S. P., drums, works	do	.138	.142	1.100	.123	.105	.105	.114
Phthalic anhydride, drums, works	do	.191	.150	.145	.145	.130	.131	.162
Potash, muriate, 60 percent, New York	Ton <sup>5</sup>				31.285	31.522	20.501	29.641
Soda ash, 58 percent, light, f. o. b. works	100 lbs	1.245	1.182	1.050	1.050	1.060	1.076	1.226
Soda, caustic, 76 percent, solid, f. o. b. works	Pound	2.980	2.609	2.300	2.300	2.300	2.340	2.605
Soybean oil, crude, mill	do					.118	.145	.290
Sulfate of ammonia, domestic, bulk, inland producing ovens	Ton <sup>6</sup>						26.962	31.538
Superphosphate, 16 percent, Baltimore	do	9.731	7.274	7.654	8.780	11.400	11.700	11.908
Tallow, packer's prime, Chicago	Pound	.085	.082	1.000	.076	.086	.112	.191
HOUSEFURNISHING GOODS								
Blankets, all wool, factory	Each						9.408	9.996
Axminster rugs, 9 by 12	do					27.776	(?)	(?)
Vacuum cleaners, electric, without attachment	do							41.970
Washing machines, electric, 2-speed, 6-sheet capacity, factory	do			39.463	(?)	(?)	(?)	(?)
MISCELLANEOUS								
Cottonseed meal, bagged, Minneapolis	Ton <sup>7</sup>							78.626
Middlings, standard, Minneapolis	do	27.741	9.815	19.728	24.690	37.750	45.740	61.716
Paper, newsprint, rolls, destination, New York basis	do	62.000	50.885	50.000	50.000	60.280	72.287	88.515
Paper, wrapping, standard, kraft	100 lbs			3.572	4.429	5.700	5.700	6.035
Wood pulp, sulfate, domestic, unbleached, delivered	Ton					74.000	82.308	112.519
Rubber, plantation, ribbed, New York	Pound	.205	.085	.179	1.000	.225	.225	.208
Oil, bright stock, mid-Continent	Gallon		.174	.147	.175	.220	.229	.290
Neutral oil, Pennsylvania	do	.269	.164	.189	.265	.260	.304	1.000
Soap, laundry, bars, white, destination	Pound					.081	.064	.085
Soap, toilet, bars or cakes	do					.228	.242	(?)
Tobacco, smoking, 2-ounce package, destination	Dozen	1.487	1.398	1.306	1.284	1.265	1.352	1.441
Cigarettes, destination	1,000	5.398	5.042	5.000	5.780	6.006	6.234	6.809

<sup>1</sup> Not included in wholesale price index.<sup>2</sup> Insufficient data.<sup>3</sup> Ton of 2,000 pounds.<sup>4</sup> Case of 4 dozen 14½-ounce cans. Price for 1929 computed from price of 16-ounce cans.<sup>5</sup> Baked weight. Prices not comparable to earlier years.<sup>6</sup> Substitution. Manufacturers were required to shift production from 64-by-60 to 65-by-56 by W. P. B. order issued Mar. 8, 1943.<sup>7</sup> Barrel of 42 pounds.<sup>8</sup> Ton of 2,240 pounds.<sup>9</sup> Price per 100 pounds.<sup>10</sup> 1932-41 data based on reports of a single company.<sup>11</sup> 1947 data not strictly comparable to earlier years; does not include green and/or dry shingles.

Source: Department of Labor, Bureau of Labor Statistics. Average prices are published in annual and semi-annual report, Wholesale Prices, and monthly releases.



No. 829.—WHOLESALE PRICES—INDEXES: 1860 TO 1889

[1926=100. Indexes are unweighted arithmetic averages of price relatives, published in 1893 by the Committee on Finance, United States Senate, on an 1860 base, recomputed to 1926 base by Bureau of Labor Statistics, Department of Labor]

YEAR	General index	YEAR	General index	YEAR	General index
1860.....	61	1870.....	87	1880.....	65
1861.....	61	1871.....	83	1881.....	64
1862.....	72	1872.....	84	1882.....	66
1863.....	90	1873.....	84	1883.....	65
1864.....	116	1874.....	81	1884.....	60
1865.....	132	1875.....	78	1885.....	57
1866.....	116	1876.....	72	1886.....	56
1867.....	105	1877.....	68	1887.....	56
1868.....	98	1878.....	62	1888.....	57
1869.....	94	1879.....	59	1889.....	57

Source: Department of Labor, Bureau of Labor Statistics; Handbook of Labor Statistics, 1947.

No. 830.—CONSUMERS' PRICE INDEX FOR MODERATE-INCOME FAMILIES IN LARGE CITIES: 1913 TO 1947

[1935-39=100. For detailed explanation, see general note p. 292]

YEAR AND MONTH	All items	Food	Clothing	Rent	Fuel, electric- ity, and ice	House- furnish- ings	Miscel- laneous <sup>1</sup>
1913.....	70.7	79.9	69.3	92.2	61.9	59.1	50.9
1914.....	71.8	81.8	69.8	92.2	62.3	60.7	51.9
1915.....	72.5	80.9	71.4	92.9	62.5	63.6	53.6
1916.....	77.9	90.8	78.3	94.0	65.0	70.9	56.3
1917.....	91.6	116.9	94.1	93.2	72.4	82.8	65.1
1918.....	107.5	134.4	127.5	94.9	84.2	106.4	77.8
1919.....	123.8	149.8	168.7	102.7	91.1	134.1	87.6
1920.....	143.3	168.8	201.6	120.7	106.9	164.6	100.5
1921.....	127.7	128.3	154.8	138.6	114.0	138.5	104.3
1922.....	119.7	119.9	125.6	142.7	113.1	117.5	101.2
1923.....	121.9	124.0	125.9	146.4	115.2	126.1	100.8
1924.....	122.2	122.8	124.9	151.6	113.7	124.0	101.4
1925.....	125.4	132.9	122.4	152.2	115.4	121.5	102.2
1926.....	126.4	137.4	120.6	150.7	117.2	118.8	102.6
1927.....	124.0	132.3	118.3	148.3	115.4	115.9	103.2
1928.....	122.6	130.8	116.5	144.8	113.4	113.1	103.8
1929.....	122.5	132.5	115.3	141.4	112.5	111.7	104.6
1930.....	119.4	126.0	112.7	137.5	111.4	108.9	105.1
1931.....	108.7	103.9	102.6	130.3	108.9	98.0	104.1
1932.....	97.6	86.5	90.8	116.9	103.4	85.4	101.7
1933.....	92.4	84.1	87.9	100.7	100.0	84.2	98.4
1934.....	95.7	93.7	96.1	94.4	101.4	92.8	97.9
1935.....	98.1	100.4	96.8	94.2	100.7	94.8	98.1
1936.....	99.1	101.3	97.6	96.4	100.2	96.3	98.7
1937.....	102.7	105.3	102.8	100.9	100.2	104.3	101.0
1938.....	100.8	97.8	102.2	104.1	99.9	103.3	101.5
1939.....	99.4	95.2	100.5	104.3	99.0	101.3	100.7
1940.....	100.2	96.6	101.7	104.6	99.7	100.5	101.1
1941.....	105.2	105.5	106.3	106.2	102.2	107.3	104.0
1942.....	116.5	123.9	124.2	108.5	105.4	122.2	110.9
1943.....	123.6	138.0	129.7	108.0	107.7	125.6	115.8
1944.....	125.5	136.1	138.8	108.2	109.8	136.4	121.3
1945.....	128.4	139.1	145.9	108.3	110.3	145.8	124.1
1946.....	139.3	159.6	160.2	108.6	112.5	159.2	128.8
Mar. 15.....	130.2	140.1	153.1	108.4	110.5	150.2	125.9
June 15.....	133.8	145.6	157.2	108.5	110.5	156.1	127.9
Sept. 15.....	145.9	174.1	165.9	108.8	114.4	165.6	129.9
Dec. 15.....	153.3	185.9	176.5	( <sup>2</sup> )	115.5	177.1	136.1
1947.....	159.2	193.8	185.8	111.2	121.1	184.4	139.9
Mar. 15.....	156.3	189.5	184.3	109.0	117.6	182.3	138.2
June 15.....	157.1	190.5	185.7	109.2	117.7	182.6	139.1
Sept. 15.....	163.8	203.5	187.6	113.6	124.6	187.5	140.8
Dec. 15.....	167.0	206.9	191.2	115.4	127.8	191.4	144.4

<sup>1</sup> Includes transportation, medical care, recreation, household operation, and personal care.

<sup>2</sup> Not surveyed.

Source: Department of Labor, Bureau of Labor Statistics; Handbook of Labor Statistics, 1947; Bulletin 6996 and Monthly Labor Review.



# No. 881.—CONSUMERS' PRICE INDEX FOR MODERATE-INCOME FAMILIES IN 34 LARGE CITIES: 1929 TO 1947

[1935-39 average = 100. For detailed explanation see general note p. 202]

CITY	DECEMBER INDEX OF CONSUMERS' PRICES						DECEMBER 1947 INDEX FOR—						
	1929	1932	1939	1941	1945	1946	All items	Food	Apparel	Rent	Fuel, electricity, ice	House furnishings	Miscellaneous
U. S. (34 cities) <sup>1</sup>	121.8	93.5	99.6	110.5	129.9	153.3	167.0	206.9	191.2	115.4	127.5	191.4	144.4
Atlanta.....	124.6	91.8	98.7	110.6	131.4	155.8	167.5	211.1	190.5	116.1	140.0	189.6	147.1
Baltimore.....	118.2	93.3	98.9	112.4	132.5	155.7	171.3	217.8	192.3	112.6	135.0	197.2	143.5
Birmingham.....	128.1	90.1	99.5	113.9	133.5	158.5	173.8	217.0	197.0	113.6	130.9	182.2	141.1
Boston.....	124.0	95.8	97.9	108.2	124.9	143.2	160.4	195.7	183.3	111.4	140.7	178.8	138.8
Buffalo.....	121.8	92.9	99.7	113.3	129.8	151.7	162.6	200.3	193.2	117.2	126.9	197.4	146.6
Chicago.....	129.3	93.8	99.8	116.6	129.0	153.0	170.1	210.5	193.4	120.2	122.5	181.0	143.2
Cincinnati.....	122.2	92.0	98.2	110.3	129.5	152.7	179.3	211.8	189.1	110.7	132.2	187.7	148.0
Cleveland.....	118.1	90.4	100.9	113.3	132.3	156.2	166.9	212.3	190.4	122.9	135.2	171.6	142.4
Denver.....	117.0	91.5	99.7	109.4	128.3	152.5	160.4	205.6	185.9	117.7	105.3	206.8	139.0
Detroit.....	124.7	88.2	99.8	112.7	131.3	153.1	169.0	202.0	191.8	121.3	137.1	201.7	158.6
Houston.....	120.7	89.3	101.3	111.4	127.3	152.3	169.3	218.1	200.5	116.7	94.3	190.7	147.4
Indianapolis.....	122.4	91.3	99.6	113.3	130.4	154.2	167.8	208.8	180.9	125.4	139.9	178.6	148.7
Jacksonville.....	123.7	92.8	99.3	114.3	137.4	158.8	173.9	216.6	186.0	118.6	139.0	183.5	156.4
Kansas City.....	117.9	94.6	98.3	108.7	128.0	147.0	157.9	197.3	181.2	119.2	119.1	175.3	140.4
Los Angeles.....	124.4	95.0	100.4	112.3	133.7	154.5	166.0	211.1	187.1	118.9	94.3	182.5	142.6
Manchester.....	(4)	(4)	99.0	110.7	131.0	156.5	166.1	204.7	184.0	109.6	149.1	193.0	138.4
Memphis.....	121.5	90.7	98.9	111.1	133.3	156.3	173.5	229.7	205.2	124.5	127.0	171.7	134.5
Milwaukee.....	(4)	(4)	98.1	109.4	127.2	150.6	164.0	204.8	191.9	114.7	132.9	193.1	140.4
Minneapolis.....	117.2	92.8	101.1	110.7	126.1	149.7	164.2	199.3	200.9	122.4	129.0	192.2	148.0
Mobile.....	124.7	93.0	99.7	116.4	131.1	153.6	170.3	216.3	197.5	120.5	125.4	177.1	135.1
New Orleans.....	119.6	92.4	100.4	113.5	133.3	162.9	173.2	222.1	193.0	110.4	109.8	198.2	140.7
New York.....	123.0	97.3	100.1	108.7	131.1	155.2	164.9	205.1	191.7	105.6	126.2	161.2	145.5
Norfolk.....	122.4	93.6	98.5	115.3	134.0	157.6	168.2	216.1	182.5	113.4	137.5	182.0	145.3
Philadelphia.....	123.4	93.4	98.6	106.8	128.6	152.5	166.3	201.8	186.8	116.8	130.4	188.0	141.6
Pittsburgh.....	124.9	93.8	98.8	110.8	130.9	153.4	170.2	209.6	219.3	114.6	132.4	193.6	140.6
Portland, Maine.....	119.0	95.8	97.6	108.7	126.4	149.2	162.0	195.2	191.4	109.7	140.6	183.7	144.4
Portland, Oreg.....	117.8	91.8	100.9	113.7	137.3	157.6	168.5	219.0	184.9	120.8	124.5	178.0	142.9
Richmond.....	118.3	92.9	98.8	110.1	126.4	149.3	161.7	207.6	186.7	111.4	130.4	193.4	133.4
St. Louis.....	123.6	92.3	99.1	110.6	128.4	151.2	167.9	215.2	192.9	115.3	128.7	168.5	138.5
San Francisco.....	118.1	95.2	100.2	111.3	135.8	160.4	168.9	215.7	181.5	112.2	82.7	161.3	152.8
Savannah.....	124.4	94.1	99.7	113.9	137.7	162.2	171.5	222.2	183.7	116.6	137.9	192.4	143.6
Scranton.....	125.9	96.1	97.4	108.3	128.1	154.0	165.2	210.0	192.3	108.1	134.5	184.1	136.2
Seattle.....	119.7	92.8	100.9	114.7	134.7	157.2	168.2	213.4	181.8	119.1	118.7	184.8	145.5
Washington, D. C.....	114.5	94.1	98.9	109.7	129.9	152.0	161.7	207.4	211.7	101.8	128.9	198.7	146.0

<sup>1</sup> Indexes for food based on prices in 51 cities through 1942, 56 cities thereafter. Data for Milwaukee, except for food, not included prior to December 1940.

<sup>2</sup> November 1947

<sup>3</sup> October 1947.

<sup>4</sup> Not available.

Source: Department of Labor, Bureau of Labor Statistics; Handbook of Labor Statistics, 1947; Bulletin 699; and Monthly Labor Review.

## No. 332.—CONSUMERS' PRICE INDEXES IN 60 CITIES: 1939 TO 1946

[January 1939=100. Data cover prices of important commodities and services entering into family living expense, i. e., food, housing, clothing, fuel, light, housefurnishings, medical fees, automobile purchase and operation, carfare, etc. Wartime indexes included in 1944-45 Statistical Abstract discontinued because variation over period of 3 years (1942-44) insufficient to warrant maintenance of 2 series]

CITY	1939	1940	1941	1942	1943	1944	1945	1946
Akron.....	99.9	102.3	109.2	121.0	126.5	127.9	129.2	138.3
Atlanta.....	99.3	98.9	104.0	115.2	122.1	124.3	126.1	134.0
Baltimore.....	99.9	100.6	106.5	118.7	126.5	128.5	130.2	137.7
Birmingham.....	99.5	100.0	106.5	118.4	124.3	127.1	128.8	136.6
Boston.....	99.6	100.6	104.8	116.5	122.5	122.6	124.5	135.0
Bridgeport.....	100.0	101.2	106.7	119.0	124.9	126.8	127.1	136.2
Buffalo.....	100.4	103.0	109.0	121.6	128.3	128.3	129.4	137.4
Chattanooga.....	99.0	98.3	103.4	115.0	123.0	126.6	128.1	137.2
Chicago.....	99.5	100.3	105.6	115.8	121.7	123.1	125.6	134.5
Cincinnati.....	99.3	100.3	105.2	116.7	122.2	122.8	125.9	134.9
Cleveland.....	99.5	100.4	105.4	116.8	123.0	125.4	127.8	135.9
Dallas.....	99.4	99.2	103.9	115.6	121.8	124.2	127.3	133.8
Dayton.....	98.6	99.3	105.9	116.5	122.6	124.2	126.6	133.8
Denver.....	100.0	99.5	103.7	114.4	120.5	123.3	125.0	133.7
Des Moines.....	100.4	100.3	106.0	117.2	122.8	123.8	124.8	132.6
Detroit.....	99.5	100.9	107.0	119.7	126.9	128.5	131.2	139.3
Duluth.....	100.1	99.6	105.1	115.8	122.5	122.5	125.9	135.5
Erie, Pa.....	100.6	102.4	108.4	122.9	131.0	131.6	133.8	143.4
Fall River.....	99.9	100.7	105.9	118.2	123.7	124.8	126.7	134.6
Front Royal, Va.....	(1)	(1)	(1)	119.0	127.2	(1)	130.7	142.5
Grand Rapids.....	99.7	101.4	108.1	119.2	126.9	128.8	131.6	139.6
Green Bay, Wis.....	(1)	(1)	(1)	113.7	119.2	122.2	125.0	132.4
Houston.....	99.4	100.0	104.4	115.1	120.0	122.5	124.4	132.0
Huntington, W. Va.....	(1)	(1)	(1)	(1)	124.9	126.3	131.4	139.8
Indianapolis.....	99.8	101.2	107.1	118.1	124.2	127.2	130.1	144.2
Kansas City, Mo.....	99.9	99.4	103.7	114.8	120.8	123.5	125.7	133.1
Lansing.....	(1)	(1)	107.2	120.1	128.1	130.7	133.4	141.2
Los Angeles.....	99.5	99.5	104.8	117.1	123.9	125.6	128.0	135.3
Louisville.....	99.9	100.7	106.5	117.2	123.1	124.2	127.8	138.7
Macon.....	99.8	101.0	106.5	120.6	128.8	131.1	132.1	138.8
Meadville, Pa.....	(1)	(1)	(1)	118.2	125.6	126.6	(1)	134.6
Memphis.....	100.0	100.3	106.1	118.8	125.7	126.5	127.9	136.5
Milwaukee.....	99.5	100.7	105.6	115.9	122.4	122.8	126.6	134.6
Minneapolis.....	100.6	101.0	106.0	116.5	123.7	126.0	127.9	137.1
Muskegon.....	(1)	(1)	110.4	121.7	128.9	130.8	133.8	144.5
Newark.....	99.6	100.2	104.6	114.6	123.3	123.1	124.5	133.1
New Haven.....	99.9	100.8	105.2	114.6	119.2	119.7	120.9	129.4
New Orleans.....	100.4	101.8	107.6	119.4	128.1	128.2	130.6	139.8
New York.....	99.7	101.2	105.7	114.8	122.8	124.6	126.1	134.6
Omaha.....	100.7	101.4	105.7	116.9	122.9	125.3	128.2	136.8
Parkersburg, W. Va.....	(1)	(1)	(1)	118.8	124.6	124.7	126.7	136.1
Philadelphia.....	99.8	100.1	105.8	118.7	123.9	125.3	127.3	136.1
Pittsburgh.....	99.7	101.3	106.8	118.0	123.3	124.0	125.8	134.7
Portland, Oreg.....	100.2	100.2	105.7	120.1	125.7	127.3	128.4	137.2
Providence.....	100.1	101.1	104.6	115.1	122.1	124.4	127.9	136.5
Richmond.....	99.6	100.0	105.0	117.5	124.1	126.7	129.3	138.1
Roanoke, Va.....	(1)	(1)	(1)	121.9	128.0	129.9	131.1	140.0
Rochester.....	100.0	103.0	108.1	119.6	126.3	127.4	129.5	138.8
Rockford, Ill.....	(1)	(1)	(1)	123.3	130.6	131.9	134.0	143.1
Sacramento.....	100.4	100.3	104.3	115.7	123.5	126.6	128.5	136.6
St. Louis.....	99.5	100.5	105.3	116.8	123.9	125.0	126.6	134.3
St. Paul.....	100.5	101.1	105.7	114.8	121.3	122.7	123.9	133.9
San Francisco—Oakland.....	99.4	99.1	103.7	116.3	123.2	125.7	128.1	138.2
Seattle.....	100.7	101.3	106.6	119.8	126.2	127.3	128.0	137.9
Spokane.....	100.0	100.8	105.7	118.0	124.5	125.2	127.5	136.7
Syracuse.....	(1)	(1)	106.3	119.9	126.4	126.3	127.9	135.7
Toledo.....	98.9	98.4	104.7	117.5	123.3	127.1	130.9	140.2
Wausau, Wis.....	100.1	101.6	107.2	118.3	124.5	126.1	128.4	137.6
Wilmington, Del.....	100.0	100.3	106.2	118.7	124.2	124.1	125.1	134.3
Youngstown.....	99.7	101.6	107.4	118.7	126.1	127.3	130.6	138.2

<sup>1</sup> Not available.

Source: National Industrial Conference Board, New York, N. Y.; The Management Almanac.

## No. 333.—RETAIL COST OF FOOD—INDEXES, BY COMMODITY GROUPS: 1929 TO 1947

[1935-39 average=100. See seventh paragraph of general note, p. 293]

YEAR AND MONTH	All foods	Cereals and bakery products	Meats	Dairy products	Eggs	FRUITS AND VEGETABLES				Beverages	Fats and oils	Sugar
						Total	Fresh	Canned	Dried			
1929.....	132.5	107.6	127.1	131.0	143.8	169.0	173.5	124.3	171.0	164.8	127.2	114.3
1930.....	126.0	104.3	119.1	121.0	121.4	177.5	185.7	118.6	158.7	143.4	119.2	107.4
1931.....	103.9	91.4	101.1	102.8	95.6	125.7	128.7	103.3	118.7	124.6	96.0	99.1
1932.....	86.5	82.6	79.3	84.9	82.3	103.5	105.9	91.1	91.2	112.6	71.1	89.6
1933.....	84.1	84.7	68.9	82.8	77.9	113.8	118.9	87.9	88.4	102.4	66.4	94.3
1934.....	93.7	98.3	78.9	90.9	88.6	119.1	122.3	103.9	101.1	107.6	76.4	97.9
1935.....	100.4	101.8	99.9	97.5	104.2	99.7	98.8	106.2	100.8	104.0	110.3	100.7
1936.....	101.3	100.7	98.9	101.6	103.3	104.8	106.2	100.9	96.6	99.4	102.8	99.6
1937.....	105.3	103.3	105.8	105.4	101.2	107.9	106.6	103.2	116.0	103.6	105.8	101.2
1938.....	97.8	99.8	96.9	99.6	100.3	93.2	92.1	97.4	93.3	97.7	93.5	97.9
1939.....	95.2	94.5	96.6	95.9	91.0	94.5	95.1	92.3	93.3	95.5	87.7	100.6
1940.....	96.6	96.8	95.8	101.4	93.8	96.5	97.3	92.4	100.6	92.5	82.2	96.8
1941.....	105.5	97.9	107.5	112.0	112.2	103.2	104.2	97.9	106.7	101.5	94.0	106.4
1942.....	123.9	105.1	126.0	125.4	136.5	130.8	132.8	121.6	136.3	122.1	119.6	126.5
1943.....	138.0	107.6	133.8	134.6	161.9	168.8	178.0	130.6	158.9	124.8	126.1	127.1
1944.....	136.1	108.4	129.9	133.6	153.9	168.2	177.2	129.5	164.4	124.3	123.3	126.5
Jan. 18.....	136.1	108.5	131.0	133.5	154.0	166.7	175.3	129.7	162.8	124.4	124.0	126.6
Feb. 15.....	134.5	108.1	130.5	133.5	142.6	163.0	170.7	129.8	163.1	124.3	123.8	126.6
Mar. 14.....	134.0	108.0	130.6	133.6	135.5	162.9	170.6	129.6	163.2	124.3	124.5	126.5
Apr. 18.....	134.6	108.0	130.0	133.6	127.6	168.8	178.0	129.5	163.3	124.4	123.5	126.6
May 16.....	135.5	108.1	130.3	133.5	127.1	172.8	183.1	129.2	163.5	124.4	123.3	126.5
June 13.....	135.7	108.4	129.8	133.5	129.1	174.0	184.6	129.2	164.1	124.3	123.1	126.5
July 18.....	137.4	108.6	129.3	133.6	148.9	176.9	188.4	129.0	164.6	124.3	122.9	126.6
Aug. 15.....	137.7	108.5	129.0	133.6	159.4	175.7	186.7	129.3	165.0	124.3	122.7	126.5
Sept. 12.....	137.0	108.6	129.0	133.6	168.0	169.9	179.4	129.4	165.3	124.3	123.0	126.3
Oct. 17.....	136.4	108.6	129.3	133.6	179.0	162.9	170.4	129.7	165.7	124.3	123.1	126.4
Nov. 14.....	136.5	108.6	129.7	133.6	186.7	160.7	167.6	129.6	166.5	124.3	123.2	126.5
Dec. 12.....	137.4	108.6	129.9	133.5	188.5	164.2	171.9	129.9	166.4	124.3	123.3	126.4
1945.....	139.1	109.0	131.2	133.9	164.4	177.1	188.2	130.2	168.2	124.7	124.0	126.5
Jan. 16.....	137.3	108.7	130.2	133.5	169.6	168.9	177.9	129.7	166.9	124.4	123.4	128.3
Feb. 13.....	136.5	108.7	130.7	133.5	153.2	168.9	177.8	129.8	167.0	124.5	123.5	126.3
Mar. 13.....	135.9	108.7	130.8	133.5	140.7	169.5	178.6	129.9	167.4	124.5	123.7	126.5
Apr. 17.....	136.6	108.9	130.8	133.5	139.9	173.3	183.3	130.0	167.9	124.6	123.8	126.4
May 15.....	138.8	109.0	131.6	133.5	140.7	182.5	195.0	130.2	168.5	124.6	123.9	126.5
June 12.....	141.1	109.1	131.6	133.4	145.1	192.6	207.7	130.1	168.8	124.7	123.9	126.4
July 17.....	141.7	109.1	131.6	133.4	157.2	191.8	206.7	130.2	168.9	124.7	124.0	126.5
Aug. 14.....	140.9	109.1	131.8	133.4	171.4	183.5	196.2	130.3	168.6	124.7	124.0	126.6
Sept. 18.....	139.4	109.1	131.6	133.4	183.9	172.5	182.3	130.4	168.8	124.7	124.1	126.5
Oct. 16.....	139.3	109.1	131.0	133.3	185.5	172.5	182.3	130.4	168.9	124.7	124.0	126.5
Nov. 13.....	140.1	109.1	131.0	135.9	192.1	172.3	181.9	130.6	168.5	124.9	124.4	126.5
Dec. 11.....	141.4	109.2	131.2	136.2	193.2	177.3	188.4	130.3	168.7	124.9	125.1	126.6
1946.....	159.6	125.0	161.3	165.1	168.8	182.4	190.7	140.8	190.4	139.6	152.1	143.9
Jan. 15.....	141.0	109.4	131.4	136.4	172.4	180.8	192.7	130.5	169.0	124.9	125.5	126.5
Feb. 15.....	139.6	109.8	131.3	136.6	144.2	181.1	193.0	130.9	169.8	124.9	125.4	126.9
Mar. 15.....	140.1	110.3	131.3	137.0	139.0	183.4	196.3	129.6	168.9	124.9	125.9	132.4
Apr. 15.....	141.7	113.3	132.8	137.4	137.7	185.9	199.8	128.7	169.5	124.9	126.1	135.8
May 15.....	142.6	115.2	133.4	138.6	140.3	185.7	199.6	127.8	171.9	125.4	126.1	135.9
June 15.....	145.6	122.1	134.0	147.8	147.1	183.5	196.7	127.5	172.5	125.4	126.4	136.2
July 15.....	165.7	126.1	173.7	179.1	161.0	188.4	202.1	130.9	175.9	126.0	137.9	138.5
Aug. 15.....	171.2	135.4	186.6	180.1	173.6	178.3	185.8	140.7	183.0	126.6	180.3	140.3
Sept. 15.....	174.1	137.3	188.5	186.6	193.8	176.4	181.1	148.7	185.6	162.0	151.4	141.5
Oct. 15.....	180.0	138.5	196.7	202.4	214.6	176.5	178.8	154.6	198.7	166.5	147.9	167.5
Nov. 15.....	187.7	140.6	203.6	198.5	201.6	184.5	182.3	167.7	251.6	167.8	244.4	170.5
Dec. 15.....	185.9	141.6	197.8	200.9	201.1	185.0	180.6	172.6	268.0	176.2	207.3	175.3
1947.....	193.8	155.4	217.1	186.2	200.8	199.4	201.5	166.2	263.5	186.8	197.5	180.0
Jan. 15.....	183.8	143.4	199.0	190.1	181.7	187.9	184.1	173.6	269.2	178.3	201.9	176.2
Feb. 15.....	182.3	144.1	196.7	183.2	169.9	191.7	189.3	172.6	269.9	182.8	201.3	178.1
Mar. 15.....	189.5	148.1	207.6	187.5	174.7	199.6	199.4	172.9	271.3	186.9	219.1	178.6
Apr. 15.....	188.0	153.4	202.6	178.9	176.3	200.4	200.7	172.6	269.7	189.5	227.8	179.3
May 15.....	187.6	154.2	203.9	171.5	178.9	207.0	209.5	172.3	268.1	188.9	200.5	179.3
June 15.....	190.5	154.6	216.9	171.5	183.0	205.0	208.0	169.7	262.6	181.3	188.3	179.7
July 15.....	193.1	155.0	220.2	178.8	203.0	202.0	204.2	168.5	263.6	180.8	182.0	179.7
Aug. 15.....	196.5	155.7	228.4	183.8	212.3	199.8	202.1	165.7	263.4	181.7	178.5	179.8
Sept. 15.....	203.5	157.8	240.6	195.2	235.9	198.2	202.4	157.3	261.2	187.0	176.6	181.1
Oct. 15.....	201.6	160.3	235.5	190.1	232.7	196.6	201.1	155.2	255.6	190.8	190.0	181.8
Nov. 15.....	202.7	167.9	227.0	198.4	224.7	199.6	205.0	156.5	251.7	194.7	196.4	183.2
Dec. 15.....	206.9	170.5	227.3	204.9	236.1	205.3	212.1	157.3	255.4	193.5	208.2	183.7

Source: Department of Labor, Bureau of Labor Statistics; Handbook of Labor Statistics, 1947; Serial No. R1172; and Monthly Labor Review.

## No. 834.—RETAIL COST OF FOOD IN LARGE CITIES—INDEXES BY CITIES: 1929 TO 1947

[1935-39 average=100. Sales taxes included<sup>1</sup> wherever applicable. See seventh par. of general note, p. 295]

REGION AND CITY	1929	1932	1939	1941	1944	1945	1946			1947		
							Avg.	June	Dec.	Avg.	June	Dec.
United States <sup>1</sup> .....	132.5	86.5	95.2	105.5	136.1	139.1	159.8	145.5	165.9	193.8	190.5	206.9
<b>New England:</b>												
Boston.....	137.1	89.3	95.3	103.2	130.9	133.0	158.1	138.0	175.1	194.0	179.6	195.7
Bridgeport.....	127.3	88.1	94.8	104.9	133.8	135.9	153.9	139.1	180.7	188.2	186.9	192.0
Fall River.....	130.8	84.8	90.0	104.9	130.9	132.0	152.8	138.1	177.2	188.4	188.3	190.0
Manchester.....	127.0	82.9	96.1	104.8	132.9	135.2	156.6	144.4	186.7	191.6	190.3	204.7
New Haven.....	128.4	88.2	94.7	103.9	134.7	136.0	153.8	140.4	179.1	186.6	186.4	198.9
Portland, Maine.....	137.3	90.9	95.1	103.8	132.9	133.6	153.3	138.4	180.5	186.3	185.3	195.2
Providence.....	132.9	86.0	94.9	104.6	133.9	138.1	159.7	144.9	184.0	195.9	194.2	210.5
<b>Middle Atlantic:</b>												
Buffalo.....	132.6	85.7	93.9	106.5	134.1	136.8	152.7	140.2	175.8	187.0	187.0	200.3
Newark.....	127.2	89.3	96.7	105.7	138.6	141.4	159.2	147.9	180.4	187.8	184.1	199.4
New York.....	133.4	92.5	96.5	106.0	137.2	140.1	162.3	149.2	186.1	193.1	187.9	203.1
Philadelphia.....	130.3	86.5	94.4	102.4	133.9	137.1	156.8	143.5	181.8	189.3	187.1	201.8
Pittsburgh.....	135.4	83.9	93.5	106.2	135.6	138.6	160.8	147.1	187.7	197.0	196.9	209.6
Rochester.....	131.8	84.6	94.9	106.9	131.5	135.6	153.8	142.5	176.8	186.5	185.2	200.1
Seranton.....	140.6	88.7	94.8	104.9	136.2	139.4	159.9	144.0	185.2	194.9	194.9	210.0
<b>East North Central:</b>												
Chicago.....	133.2	87.5	94.9	106.2	135.0	137.8	160.1	142.8	187.0	197.5	193.9	210.5
Cincinnati.....	135.6	83.9	92.3	103.0	138.3	137.6	156.0	141.4	184.0	195.5	191.1	211.6
Cleveland.....	131.1	82.4	96.3	107.7	142.0	143.2	163.9	149.3	191.4	200.1	198.3	212.3
Columbus.....	131.5	83.6	92.3	102.2	128.3	131.5	149.8	136.4	174.0	181.7	178.4	194.4
Detroit.....	133.9	78.5	93.7	104.9	132.8	135.6	156.4	145.4	179.2	189.2	188.5	202.0
Indianapolis.....	138.3	85.5	93.5	106.3	133.0	135.4	156.5	141.5	184.3	193.1	188.7	206.8
Milwaukee.....	131.6	87.1	93.7	104.0	134.2	137.4	156.5	144.3	179.7	191.8	190.8	204.6
Peoria.....	128.6	81.8	96.0	108.2	139.2	143.3	165.5	151.3	186.2	204.1	201.7	224.1
Springfield.....	131.7	81.7	95.5	105.6	141.1	144.2	165.0	150.1	191.6	206.1	203.5	217.3
<b>West North Central:</b>												
Cedar Rapids <sup>1</sup> .....	(1)	(2)	(1)	104.1	138.2	142.5	163.8	148.2	192.7	201.9	203.2	212.9
Kansas City.....	129.8	84.2	94.3	101.2	130.6	133.0	150.7	134.8	175.4	185.1	180.0	197.3
Minneapolis.....	125.0	80.3	97.2	106.6	129.0	132.0	153.0	137.5	180.2	185.5	182.6	199.3
Omaha.....	128.8	81.4	94.7	103.7	130.7	131.9	154.5	139.5	182.9	189.0	187.4	202.6
St. Louis.....	128.1	80.4	95.7	107.5	138.5	141.4	162.4	147.4	189.3	201.4	196.8	215.2
St. Paul.....	128.3	82.5	90.1	104.1	128.1	130.9	151.4	137.3	177.7	182.4	178.5	195.9
Wichita <sup>1</sup> .....	(1)	(2)	(1)	105.9	146.5	149.6	169.1	154.4	195.5	203.1	197.3	221.6
<b>South Atlantic:</b>												
Atlanta.....	141.8	86.1	94.3	103.8	136.7	140.0	159.0	141.0	188.7	198.7	193.0	211.1
Baltimore.....	124.1	83.0	96.7	107.0	141.8	147.4	166.1	152.4	192.3	203.7	202.2	217.8
Charleston.....	128.0	84.9	96.4	104.7	133.3	136.9	157.1	140.8	184.2	191.4	188.3	203.1
Jacksonville.....	131.8	84.5	96.7	108.6	144.7	148.2	166.5	150.8	194.8	202.6	199.1	216.6
Norfolk.....	138.0	88.6	94.2	107.4	143.1	143.8	164.6	146.0	195.0	202.9	198.0	216.1
Richmond.....	133.9	85.4	92.9	103.4	134.1	130.4	155.1	138.4	186.5	192.8	185.8	207.6
Savannah.....	133.4	84.1	96.7	109.8	150.9	153.7	175.0	158.5	205.8	212.3	209.4	222.3
Washington.....	134.6	89.2	95.0	105.4	134.9	139.9	156.8	145.5	186.1	193.7	190.9	207.4
Winston-Salem <sup>1</sup> .....	(1)	(2)	(1)	102.0	136.1	140.8	163.0	145.3	195.3	199.3	194.4	211.3
<b>East South Central:</b>												
Birmingham.....	143.5	86.3	92.4	103.3	139.9	143.4	164.4	147.7	198.4	203.5	197.3	217.0
Jackson <sup>2</sup> .....	(2)	(1)	(2)	111.4	144.4	149.7	169.2	150.6	200.8	207.3	202.7	223.2
Knoxville <sup>2</sup> .....	(2)	(1)	(2)	105.8	155.2	159.3	183.5	165.6	220.4	226.8	223.0	243.5
Louisville.....	132.9	80.8	93.9	105.2	131.8	132.8	151.3	135.0	178.5	187.6	183.4	198.9
Memphis.....	138.0	86.9	92.7	103.8	144.6	148.1	171.3	163.6	206.0	211.6	205.1	229.7
Mobile.....	136.5	85.5	96.7	109.0	144.5	147.1	164.5	149.8	191.0	200.2	195.9	216.3
<b>West South Central:</b>												
Dallas.....	137.2	85.1	92.5	101.0	132.7	135.9	157.7	142.4	187.1	195.4	191.4	208.2
Houston.....	130.1	80.3	97.8	108.9	136.2	138.7	158.3	144.0	189.9	201.2	196.2	218.1
Little Rock.....	135.5	79.9	94.8	104.3	135.3	138.6	156.5	139.1	184.8	195.0	189.8	211.5
New Orleans.....	124.3	84.0	98.1	110.7	149.6	153.3	173.8	157.6	202.4	209.0	203.7	222.1
<b>Mountain:</b>												
Butte.....	133.2	84.6	96.0	105.0	133.6	136.6	153.6	139.7	180.2	187.7	185.9	196.8
Denver.....	120.5	81.6	94.6	103.9	137.1	138.6	158.3	145.3	190.6	194.0	191.9	203.6
Salt Lake City.....	128.9	81.7	95.8	106.1	139.9	142.9	162.0	151.7	190.6	194.0	192.6	209.7
<b>Pacific:</b>												
Los Angeles.....	136.2	86.5	95.2	107.7	141.2	145.6	166.6	154.8	195.1	196.6	193.8	211.1
Portland, Oreg.....	128.1	84.7	98.3	111.5	144.8	149.5	169.0	158.4	196.0	203.6	199.7	219.0
San Francisco.....	127.8	89.5	96.0	107.0	143.8	148.2	170.1	155.5	204.6	202.8	196.9	215.7
Seattle.....	129.6	87.4	97.2	110.2	141.6	144.4	164.3	151.6	195.9	198.7	193.3	213.4

<sup>1</sup> Based on costs in 51 cities prior to March 1943, 56 cities thereafter.<sup>2</sup> Based on June 1940=100.<sup>3</sup> Not available.

Source: Dept. of Labor, Bureau of Labor Statistics; Handbook of Labor Statistics, 1947; and Monthly Labor Review.

## No. 335.—AVERAGE RETAIL PRICES OF PRINCIPAL ARTICLES OF FOOD: 1913 TO 1947

[Prices in cents per pound except for milk (cents per quart), eggs and oranges (cents per dozen), and tomatoes (cents per No. 2 can). Data are averages of prices as reported by retail dealers in 51 large cities prior to 1943 and in 56 cities thereafter. Prices for individual cities combined with use of population weights]

YEAR AND MONTH	Wheat flour	Corn meal	Bread, white	Round steak	Chuck roast	Pork chops	Bacon, sliced	Ham, whole	Lamb, leg	Chickens, roasting	Butter	Cheese
1913.....	3.3	3.0	5.6	22.3	15.0	21.0	27.0	—	18.9	21.3	38.3	22.1
1920.....	5.1	5.5	11.5	39.5	26.2	42.3	52.3	—	39.3	44.7	70.1	41.6
1922.....	5.1	3.9	8.7	32.3	19.2	33.0	39.8	—	—	36.0	47.9	32.9
1929.....	5.1	5.3	8.8	45.0	31.4	37.5	43.9	—	40.2	41.2	55.5	39.5
1932.....	3.2	3.6	7.0	29.7	18.5	21.5	24.2	—	23.8	25.6	27.8	24.4
1939.....	3.8	4.0	7.9	36.0	23.4	30.4	31.9	27.5	28.2	30.6	32.5	25.3
1941.....	4.5	4.3	8.1	39.1	25.5	34.3	34.3	30.4	29.7	32.6	41.1	30.0
1942.....	5.3	4.8	8.7	43.5	29.3	41.4	39.4	37.4	35.3	39.1	47.3	34.8
1943.....	6.1	5.6	8.9	43.9	30.2	40.3	56.2	37.7	40.3	44.9	52.7	37.4
1944.....	6.5	6.2	8.8	41.4	28.8	37.3	41.1	35.4	40.0	45.1	50.0	26.0
1945.....	6.4	6.4	8.8	40.6	28.1	37.1	41.1	34.7	40.0	46.6	50.7	35.6
Mar. 13.....	6.4	6.4	8.8	40.4	27.9	37.0	40.9	34.9	39.7	46.2	49.9	35.8
June 12.....	6.4	6.4	8.8	40.0	27.6	36.8	41.0	34.4	39.6	47.3	50.0	35.2
Sept. 18.....	6.4	6.5	8.8	41.0	28.3	37.2	41.2	34.4	40.5	47.0	50.0	35.6
Dec. 11.....	6.4	6.5	8.8	40.9	28.3	37.3	41.2	35.0	40.3	46.9	54.7	35.5
1946.....	7.1	7.5	10.4	52.1	36.6	48.5	53.5	47.8	48.7	52.6	71.0	50.1
Mar. 15.....	6.4	6.5	8.9	—	28.3	37.0	40.9	35.9	40.4	45.5	54.8	38.1
June 15.....	6.4	8.8	10.6	41.7	29.0	37.5	41.8	36.2	40.9	49.3	61.0	41.3
Sept. 15.....	7.7	8.4	11.0	(1)	(1)	(1)	(1)	(1)	(1)	58.2	82.9	60.3
Dec. 15.....	8.2	9.0	11.5	64.3	46.3	57.7	75.2	65.3	59.4	57.2	91.5	65.8
1947.....	9.6	—	12.6	75.6	51.5	72.1	77.7	67.5	64.2	55.3	90.5	59.0
Mar. 15.....	8.9	9.0	12.1	68.2	46.4	72.1	77.0	70.9	62.0	53.8	82.9	51.1
June 15.....	9.8	9.1	12.5	78.0	50.6	74.2	72.3	66.9	66.3	55.0	70.7	55.2
Sept. 15.....	9.8	10.5	12.6	86.7	58.1	85.0	85.6	75.5	70.3	57.7	91.6	57.5
Dec. 15.....	10.8	11.2	13.6	79.9	56.4	68.0	87.2	65.6	63.8	57.5	95.4	61.4

YEAR AND MONTH	Milk, fresh (delivered)	Eggs	Bananas	Oranges	Cabbage	Onions	Potatoes	Tomatoes	Prunes, dried	Coffee	Lard	Sugar
1913.....	8.9	\$4.5	—	—	—	—	1.7	—	—	29.8	15.8	6.6
1920.....	16.7	68.1	12.5	63.2	6.4	7.1	6.3	14.8	28.1	47.0	29.5	19.4
1922.....	13.1	44.4	10.3	57.4	4.5	7.9	2.8	13.4	20.1	36.1	17.0	7.3
1929.....	14.4	52.7	9.7	44.7	5.3	6.7	3.2	12.8	15.3	47.9	18.1	6.4
1932.....	10.7	30.2	6.5	30.2	4.1	5.0	1.7	9.8	9.2	29.4	8.7	5.0
1939.....	12.2	32.1	6.3	28.9	3.5	3.8	2.5	8.6	8.9	22.4	11.0	5.4
1941.....	13.6	39.7	7.2	31.0	4.2	5.0	2.4	9.1	9.8	23.6	12.7	5.7
1942.....	15.0	45.4	10.2	35.7	4.2	5.9	3.4	11.7	13.3	28.3	17.2	6.3
1943.....	15.5	57.2	11.7	44.3	7.1	7.5	4.6	15.0	16.6	30.0	19.0	6.8
1944.....	15.6	54.5	11.3	46.0	5.3	6.9	4.7	12.0	17.0	30.1	18.7	6.7
1945.....	15.6	58.1	10.4	48.5	6.1	6.9	4.9	12.2	17.5	30.5	18.8	6.7
Mar. 13.....	15.6	49.9	10.3	44.4	5.5	5.4	5.2	12.1	17.5	30.3	18.8	6.7
June 12.....	15.6	51.0	10.5	52.2	9.0	8.8	5.9	12.1	17.7	30.4	18.8	6.7
Sept. 18.....	15.6	65.2	10.5	51.5	5.1	6.8	4.1	12.1	17.5	30.6	18.8	6.7
Dec. 11.....	15.6	68.2	10.5	49.1	5.0	7.2	4.3	12.5	17.4	30.7	18.7	6.7
1946.....	17.6	58.8	11.6	49.9	5.9	6.9	4.7	15.0	19.1	34.4	26.3	7.7
Mar. 15.....	15.4	48.3	10.9	44.8	7.6	8.8	5.0	12.9	17.7	30.4	18.7	7.1
June 15.....	16.4	51.0	10.9	50.9	5.5	8.4	5.0	12.6	17.5	30.7	18.8	7.3
Sept. 15.....	19.2	67.0	11.0	57.4	5.4	4.7	4.2	15.7	18.4	40.4	28.2	7.5
Dec. 15.....	20.3	69.8	14.5	42.6	5.4	4.8	4.1	21.1	25.6	44.1	35.1	9.4
1947.....	19.6	60.6	15.1	43.4	7.3	7.4	5.0	19.3	24.7	45.9	31.5	9.7
Mar. 15.....	19.3	60.6	14.9	43.4	6.6	5.2	4.5	21.0	25.3	47.0	35.7	9.7
June 15.....	18.5	63.4	15.1	42.8	7.8	7.4	5.8	20.3	24.9	45.5	27.1	9.7
Sept. 15.....	19.8	81.8	15.2	49.2	6.5	7.8	4.9	17.2	24.1	48.9	27.0	9.8
Dec. 15.....	20.8	81.8	15.6	37.7	9.0	10.8	5.3	15.7	22.3	49.8	35.2	9.9

<sup>1</sup> Not available.

Source: Department of Labor, Bureau of Labor Statistics; Handbook of Labor Statistics, 1947; Serial No. B1172; and Monthly Labor Review.



No. 886.—ANNUAL AVERAGE UNIT VALUES OF IMPORTANT ARTICLES IMPORTED:  
1920 TO 1946

[Values required by law to represent values in foreign markets whence exported to United States. "Ton" signifies long ton of 2,240 pounds. Averages obtained by dividing total value of imports of specified article by total quantity. Where, as in some commodities considerable price variations may exist between different grades, methods of packing, etc., and proportions of grades, etc., may vary from year to year, such averages may show actual price movements only roughly]

YEAR	Cheese, per pound	FISH, CURED, PER BARREL (200 POUNDS)		HIDES AND SKINS, PER POUND		Wheat, per bushel	Bana- nas, per bunch	Cocoa, per pound	Coffee, per pound	Tea, per pound
		Herring	Mack- erel	Cattle	Goat					
	Cents	Dollars	Dollars	Cents	Cents	Dollars	Cents	Cents	Cents	Cents
1920.....	35.4	12.49	18.81	31.0	110.5	2.10	48.55	15.8	19.5	27.0
1921.....	32.3	11.05	15.32	12.9	37.8	1.54	44.70	7.6	10.6	18.6
1922.....	31.4	10.18	17.34	14.5	40.5	1.15	42.46	9.3	12.9	24.5
1923.....	32.4	9.95	15.91	16.0	43.9	.99	44.91	8.2	13.5	28.2
1924.....	29.2	12.09	17.37	13.1	39.3	1.00	46.59	7.8	17.5	29.3
1925.....	27.8	13.30	15.60	16.0	40.7	1.39	53.52	10.0	22.3	31.2
1926.....	26.9	12.09	12.05	14.7	44.6	1.39	56.33	10.0	21.6	32.7
1927.....	30.7	12.69	13.10	17.4	43.6	1.31	56.17	13.4	18.4	31.6
1928.....	30.3	13.15	13.96	23.1	46.0	1.17	55.02	12.4	21.3	30.3
1929.....	29.2	12.54	15.45	16.0	47.4	1.11	55.34	9.8	20.4	28.9
1930.....	26.7	14.13	12.40	13.0	40.7	.98	55.46	8.4	13.1	26.6
1931.....	23.8	12.39	9.30	8.4	31.6	.64	52.69	5.6	10.0	21.6
1932.....	22.5	9.32	6.66	5.6	20.0	.53	49.94	4.1	9.1	13.1
1933.....	21.9	8.94	8.11	7.8	21.0	.56	51.00	4.0	7.8	14.2
1934.....	22.4	10.02	9.82	7.9	26.4	.78	50.55	4.4	8.7	21.3
1935.....	22.9	10.66	10.56	8.6	24.3	.78	50.95	4.4	7.8	19.9
1936.....	21.2	9.64	10.52	9.9	28.7	.91	49.18	5.2	7.7	21.7
1937.....	21.1	8.38	12.67	12.6	33.0	1.12	47.22	8.5	8.9	22.5
1938.....	21.2	8.74	10.35	8.7	22.6	.67	48.61	4.4	6.9	22.5
1939.....	21.7	9.30	9.45	9.0	23.3	.56	50.91	4.2	6.9	21.6
1940.....	23.0	9.63	10.17	8.8	23.1	.68	55.57	4.4	6.2	22.9
1941.....	19.5	9.63	15.70	10.4	23.0	.72	57.54	5.6	7.9	27.2
1942.....	18.9	12.87	18.95	12.7	29.7	.72	59.49	7.7	12.0	37.0
1943.....	17.4	14.43	27.21	13.3	30.2	1.12	62.26	6.8	12.4	32.4
1944.....	21.0	18.55	28.45	13.9	33.3	1.34	66.45	6.7	12.5	33.5
1945 (prel.).....	25.1	18.80	27.43	12.8	22.7	1.35	69.32	7.4	12.7	35.2
1946 (prel.).....	39.0	18.76	30.08	20.7	54.7	1.44	78.77	9.5	17.2	36.3

YEAR	Cane sugar, per pound	Whis- key, per proof gallon	Wines, per gal- lon <sup>1</sup>	Rub- ber, crude, pound	Shellac, per pound	Copra, per pound	Flax- seed, per bushel	TOBACCO, LEAF, PER POUND		Cotton, unman- ufac- tured, per pound
								Cigar wrap- pers	Other leaf	
	Cents	Dollars	Dollars	Cents	Cents	Cents	Dollars	Dollars	Cents	Cents
1920.....	12.56	6.36	-----	42.9	80.8	6.6	3.03	1.80	83.23	46.2
1921.....	3.94	4.58	-----	17.8	48.9	3.9	1.66	2.00	91.71	23.7
1922.....	2.59	4.73	-----	15.1	59.3	3.7	2.09	2.04	74.39	25.6
1923.....	4.93	3.93	2.10	26.7	59.7	4.0	2.01	2.35	80.18	26.4
1924.....	4.39	3.75	1.65	23.7	53.5	4.4	1.81	2.56	97.87	30.3
1925.....	2.76	3.47	1.93	48.4	51.0	5.0	2.40	2.34	80.27	33.7
1926.....	2.47	( <sup>2</sup> )	2.76	54.6	33.6	5.1	1.84	2.25	75.88	25.5
1927.....	3.06	( <sup>2</sup> )	2.32	35.6	41.4	4.6	1.74	2.15	64.90	22.2
1928.....	2.68	( <sup>2</sup> )	2.44	25.0	42.4	4.5	1.78	2.06	62.02	24.9
1929.....	2.14	( <sup>2</sup> )	2.40	19.1	38.4	4.2	1.92	1.84	65.37	23.9
1930.....	1.85	( <sup>2</sup> )	2.62	12.9	27.3	3.7	2.11	1.60	52.99	19.7
1931.....	1.77	( <sup>2</sup> )	2.56	6.6	16.3	2.4	.98	1.47	45.92	9.9
1932.....	1.63	( <sup>2</sup> )	2.23	3.5	13.3	1.8	.65	1.33	39.22	9.9
1933.....	1.87	( <sup>2</sup> )	3.75	4.9	9.9	1.4	.98	1.82	34.11	10.6
1934.....	1.96	4.95	3.42	9.8	17.7	1.2	1.06	2.00	39.32	12.4
1935.....	2.26	4.53	3.17	11.4	13.6	2.1	.89	2.18	36.65	14.0
1936.....	2.66	4.18	3.15	14.5	11.7	2.1	1.15	2.19	38.65	13.2
1937.....	2.60	3.76	2.73	18.5	10.8	3.3	1.26	1.97	46.08	12.4
1938.....	2.19	4.15	2.48	14.1	8.9	1.8	1.29	2.03	52.70	9.0
1939.....	2.15	4.22	2.30	16.0	8.0	1.6	1.15	1.67	51.54	8.0
1940.....	1.94	3.98	2.24	17.4	11.9	1.3	1.19	1.56	49.88	8.1
1941.....	2.05	4.03	2.46	18.2	13.6	1.7	.74	1.51	50.69	7.3
1942.....	2.70	4.43	2.49	18.9	25.1	3.3	1.30	1.72	49.26	12.2
1943.....	2.76	4.34	2.25	27.1	28.9	3.6	2.18	1.76	56.15	15.6
1944.....	2.75	4.26	2.35	31.2	29.0	3.4	2.91	2.03	82.24	15.8
1945 (prel.).....	3.07	4.00	3.02	31.4	29.6	3.0	2.54	2.34	98.69	11.1
1946 (prel.).....	3.70	4.16	3.95	27.3	42.1	3.8	2.33	3.21	104.73	18.9

<sup>1</sup> Statistics not available prior to 1923.

<sup>2</sup> No importations.



No. 886.—ANNUAL AVERAGE UNIT VALUES OF IMPORTANT ARTICLES IMPORTED:  
1920 TO 1946—Continued

YEAR	Jute and jute butts, per ton	Jute bur- laps, per pound	Flax, per ton	Sisal, per ton	Manila, per ton	WOOL, PER POUND			Silk, raw, per pound
						Carpet	Clothing	Combing	
	<i>Dollars</i>	<i>Cents</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>
1920.....	100.93	15.6	566.77	185.52	304.09	32	51	58	9.48
1921.....	93.08	8.7	566.91	118.00	184.71	12	22	20	5.71
1922.....	107.38	9.4	575.03	103.33	124.89	17	25	29	7.21
1923.....	128.33	11.2	511.09	109.19	130.32	21	37	38	7.92
1924.....	114.02	10.3	515.19	142.98	175.54	24	46	47	6.39
1925.....	190.69	13.6	680.59	170.79	290.51	30	46	53	6.21
1926.....	215.06	13.7	478.07	182.86	263.92	26	35	39	5.91
1927.....	131.52	11.8	479.08	153.32	255.49	26	34	37	5.27
1928.....	129.45	12.9	698.47	145.10	202.65	25	44	44	4.87
1929.....	128.35	12.0	579.24	156.58	186.95	27	38	38	4.91
1930.....	107.76	9.1	429.26	138.50	138.06	20	26	25	3.57
1931.....	69.71	6.7	222.45	83.44	95.60	12	24	20	2.28
1932.....	64.19	5.0	216.50	50.10	62.91	9	14	15	1.54
1933.....	56.27	6.1	276.17	56.89	56.99	10	19	18	1.52
1934.....	62.95	7.4	374.08	70.91	66.31	13	24	23	1.27
1935.....	72.82	7.0	490.07	71.03	80.52	14	23	21	1.42
1936.....	82.09	6.4	442.68	104.45	144.99	18	26	27	1.70
1937.....	83.69	6.3	442.63	115.06	177.95	27	33	33	1.84
1938.....	84.35	5.6	613.35	88.43	115.58	19	32	30	1.61
1939.....	100.90	6.3	454.34	72.90	90.83	18	25	24	2.34
1940.....	126.65	9.0	504.55	84.25	94.99	23	22	24	2.79
1941.....	104.78	9.7	495.57	77.62	133.10	21	25	27	2.67
1942.....	157.21	12.2	558.96	117.09	167.22	21	31	29	2.83
1943.....	146.01	12.0	825.38	142.82	213.00	24	31	31	1.75
1944.....	160.53	13.4	639.65	148.79	224.83	19	31	31	-----
1945 (prel.).....	167.82	14.2	315.20	151.17	225.18	21	32	32	1.14
1946 (prel.).....	160.16	13.8	523.03	173.85	198.34	21	29	30	7.58

YEAR	Boards, planks, deals, per M feet <sup>1</sup>	Pulp- wood, per cord	Wood pulp, per ton	News- print paper, per pound	Petro- leum crude, per gallon	Manga- nese ore, per pound	Copper, pigs, ingots, bars, per pound <sup>4</sup>	Nickel, pigs, ingots, bars, per pound	Tin, bars, blocks, pigs, per pound	Sodium nitrate, per ton
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>
1920.....	42.31	13.62	110.50	4.7	1.3	.90	18.6	31.76	58.54	47.75
1921.....	34.67	14.23	63.30	5.0	1.3	.37	12.6	33.12	30.71	48.71
1922.....	29.54	10.53	56.31	3.5	1.3	.39	12.5	30.31	30.26	48.21
1923.....	31.75	9.95	60.52	3.7	1.6	.90	14.3	21.70	39.56	47.05
1924.....	30.10	10.24	55.71	3.7	2.3	1.00	12.6	20.05	47.32	47.81
1925.....	30.33	10.20	55.09	3.6	2.9	1.17	12.9	20.49	55.40	47.23
1926.....	28.79	10.25	59.01	3.3	3.1	1.41	12.6	26.75	60.63	46.79
1927.....	27.82	10.32	57.37	3.3	3.2	1.36	11.8	26.42	63.30	40.24
1928.....	26.98	10.45	53.27	3.2	2.7	1.13	12.4	25.20	49.80	35.81
1929.....	27.52	10.81	52.75	3.0	2.4	1.15	16.1	25.53	47.06	37.52
1930.....	23.84	10.76	49.63	2.9	2.5	1.08	13.2	25.05	33.31	37.71
1931.....	20.86	10.97	42.72	2.7	2.0	.99	8.5	25.33	24.82	38.24
1932.....	19.29	8.61	35.45	2.4	1.6	.96	5.7	25.06	21.12	29.19
1933.....	22.03	7.41	33.09	1.9	1.3	.95	6.2	24.83	36.36	19.07
1934.....	25.39	7.54	38.34	1.7	1.7	.95	7.0	25.36	50.02	19.32
1935.....	24.54	7.48	36.59	1.7	1.7	.99	6.9	25.28	48.50	20.32
1936.....	24.01	7.84	36.37	1.8	1.7	.95	8.3	25.16	44.30	19.39
1937.....	27.45	8.14	41.04	1.8	1.8	1.03	11.7	24.83	52.84	18.53
1938.....	24.65	8.53	42.55	2.2	1.7	1.30	9.2	25.07	40.30	18.59
1939.....	26.86	8.34	37.45	2.2	1.6	1.19	9.6	25.09	44.95	18.55
1940.....	31.45	8.49	49.15	2.3	1.8	1.31	10.0	25.00	45.89	18.74
1941.....	33.37	8.85	57.03	2.2	2.0	1.52	9.9	25.04	47.40	17.80
1942.....	36.11	9.98	58.72	2.2	2.3	1.50	9.9	25.18	48.91	19.11
1943.....	45.30	11.33	59.05	2.5	2.5	1.60	10.4	25.18	49.00	19.95
1944.....	50.28	12.29	67.52	2.7	2.6	1.95	10.7	25.87	50.45	21.52
1945 (prel.).....	52.16	13.45	65.98	2.8	2.6	2.03	10.8	27.30	48.47	21.84
1946 (prel.).....	61.43	14.59	75.21	3.5	2.7	2.00	11.7	27.15	53.23	21.61

<sup>1</sup> Excludes cabinet woods; includes clapboard beginning 1938.<sup>2</sup> Unrefined copper.<sup>3</sup> Tons of 2,000 pounds, air-dry weight.<sup>4</sup> Short tons.

Source: Dept. of Commerce, Bur. of Foreign and Domestic Commerce through April 1941; Bur. of Census, thereafter; basic data published in annual report, Foreign Commerce and Navigation of the United States.

**No. 337.—ANNUAL AVERAGE UNIT VALUES OF IMPORTANT DOMESTIC ARTICLES  
EXPORTED: 1920 TO 1946**

[Values of goods required by law to represent market value at port of exportation. Headnote to table 336 also applies to this table]

YEAR	Lard, per lb.	Milk, con- densed and evapo- rated, per lb.	Cheese, per lb.	Eggs, per doz.	Corn, per bu	Rice, per lb.	Wheat, per bu.	Wheat flour, per bbl.	Sugar, per lb.	To- bac- co leaf, per lb.	Cot- ton, per lb. <sup>1</sup>	BOARDS, FLANKS, AND SCANTLINGS, PER M BOARD FEET	
												Soft- woods	Hard- woods
	Cts.	Cts.	Cts.	Cts.	Dols.	Cts.	Dols.	Dols.	Cts.	Cts.	Cts.	Dols.	Dols.
1920.....	23.4	15.6	31.0	59.6	1.49	9.5	2.73	11.31	10.3	52.4	36.0	52.96	120.10
1925.....	17.1	11.7	28.3	30.1	1.12	4.9	1.72	7.65	3.7	32.7	24.5	36.12	71.12
1926.....	15.5	12.1	28.6	28.8	.86	4.2	1.46	7.02	3.5	28.5	17.5	33.18	70.90
1927.....	13.5	12.3	30.1	27.0	.85	3.8	1.42	6.66	4.1	27.5	17.3	33.01	67.90
1928.....	13.0	12.2	30.7	30.4	1.02	3.5	1.25	6.23	3.5	26.8	20.4	31.20	63.08
1929.....	12.7	12.1	27.9	33.8	1.01	3.7	1.24	5.91	3.0	26.2	19.7	32.27	66.48
1930.....	11.4	11.5	25.7	27.2	.94	3.8	1.09	5.31	2.4	25.8	14.4	29.45	62.80
1931.....	9.0	10.5	22.4	22.7	.69	2.7	.62	3.57	2.1	21.8	9.0	22.91	50.96
1932.....	5.8	8.5	18.3	21.7	.36	1.9	.60	3.19	1.6	16.8	7.3	20.35	41.09
1933.....	5.9	6.8	18.5	20.6	.49	2.4	.54	3.49	1.6	19.5	9.0	22.16	43.98
1934.....	6.1	7.4	19.5	24.1	.76	3.2	.60	4.04	1.5	20.7	11.8	27.93	54.54
1935.....	12.3	7.4	22.0	29.7	1.30	3.0	.91	4.53	2.3	35.1	12.4	28.41	50.46
1936.....	12.1	7.8	23.5	29.0	1.05	3.1	.99	4.78	2.2	33.6	12.5	32.30	50.08
1937.....	11.8	8.5	24.2	27.4	.67	3.1	1.11	5.67	2.2	32.1	11.9	35.50	54.38
1938.....	8.9	7.8	20.9	29.7	.64	2.6	.90	4.44	2.1	32.8	9.9	35.50	51.45
1939.....	7.3	7.0	21.2	25.8	.62	3.0	.58	3.17	2.8	23.5	9.9	33.50	51.87
1940.....	6.3	7.4	22.2	23.3	.67	2.9	.78	3.70	3.1	20.1	10.9	35.01	57.73
1941.....	9.8	8.0	20.7	27.2	.87	3.9	.85	4.13	3.1	24.8	13.5	41.21	60.30
1942.....	13.3	9.5	25.1	38.4	.92	6.1	1.03	4.75	4.6	28.5	18.4	53.88	94.41
1943.....	16.4	9.9	26.9	48.1	1.20	6.4	1.37	5.57	4.4	43.3	22.4	80.79	109.82
1944.....	16.6	12.1	30.3	59.9	1.42	6.9	1.63	6.92	5.7	52.5	22.4	66.93	97.36
1945.....	16.1	13.1	31.9	46.4	1.42	6.8	1.86	7.16	6.1	50.9	21.9	61.53	100.83
1946.....	19.1	12.4	32.7	44.6	1.80	8.0	2.09	4.41	5.4	54.6	26.0	64.55	116.55

YEAR	COAL, PER TON		Petro- leum, crude, per gal.	Motor fuel, gas- oline, and naph- tha, per gal.	Kero- sene, per gal.	Lubri- cating oils, per gal.	Iron and steel scrap, per ton	Tin plate and terne- plate, per lb.	Cop- per, re- fined, per lb.	Motor- trucks, busses, and chassis, per unit	Pas- senger cars, per unit
	Anthra- cite	Bitu- mi- nous									
	Dols.	Dols.	Cts.	Cts.	Cts.	Cts.	Dols.	Cts.	Cts.	Dols.	Dols.
1920.....	9.44	8.65	8.5	27.4	15.3	38.7	29.24	8.0	19.6	1,605.43	1,159.68
1925.....	11.19	4.39	4.4	15.3	9.5	22.6	16.68	5.1	14.5	643.13	756.78
1926.....	11.42	4.65	4.4	14.8	10.9	22.3	17.11	5.1	14.2	705.37	739.69
1927.....	11.09	4.44	3.9	11.5	9.8	22.2	15.74	5.1	13.6	665.01	746.07
1928.....	10.96	4.12	3.4	10.7	10.2	20.3	12.82	4.7	14.8	658.37	715.00
1929.....	10.71	4.22	3.4	10.6	10.1	23.2	13.91	4.9	18.0	560.35	600.21
1930.....	10.76	4.17	3.2	9.4	9.0	21.9	15.51	5.0	13.4	660.92	602.36
1931.....	10.75	4.01	1.9	5.9	6.5	18.9	14.38	4.1	9.4	521.16	511.14
1932.....	10.37	3.77	2.4	5.6	5.2	17.1	8.17	3.7	6.1	468.52	572.76
1933.....	9.79	3.54	2.1	5.3	5.2	16.3	8.89	3.6	6.8	462.14	498.67
1934.....	9.57	4.16	2.6	5.6	5.2	18.5	10.46	4.1	7.6	476.96	540.49
1935.....	9.18	4.05	2.8	5.7	5.6	17.7	10.15	4.3	7.7	510.64	547.05
1936.....	9.19	4.06	3.1	6.1	5.3	18.1	11.60	4.4	9.2	517.70	572.49
1937.....	8.66	4.16	3.4	6.7	5.7	19.0	18.91	4.9	13.0	604.50	587.66
1938.....	8.59	4.07	3.4	6.9	5.3	17.6	15.10	5.3	10.0	624.19	628.64
1939.....	8.61	4.13	3.1	6.2	4.7	18.3	15.40	4.7	11.0	606.15	514.06
1940.....	8.91	4.14	3.1	7.7	6.1	21.8	16.87	5.2	11.5	550.44	644.71
1941.....	9.18	4.64	3.4	8.5	5.5	21.4	18.74	5.4	11.3	1,007.19	742.59
1942.....	9.66	5.18	3.5	9.9	5.5	26.8	23.39	5.3	11.3	1,048.73	946.18
1943.....	10.24	5.49	3.7	11.8	6.5	20.6	18.06	5.2	10.5	1,000.71	1,159.25
1944.....	10.86	5.69	4.0	15.2	6.3	23.3	18.12	5.3	10.0	2,284.07	1,688.56
1945.....	11.05	5.93	3.9	13.3	4.6	20.2	17.28	5.2	10.7	2,448.40	1,200.15
1946.....	11.01	6.47	4.1	15.2	5.9	16.5	19.17	5.5	13.5	1,350.69	1,047.07

<sup>1</sup> Excludes linters.<sup>2</sup> Includes mineral spirits not reported separately since 1940.

Sources: Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941; Bureau of Census, thereafter; basic data published in annual report, Foreign Commerce and Navigation of the United States.

## 13. Elections

The conduct of elections in the United States for Federal, State, and local offices and on State and local issues, is regulated by State laws or, in some cities and a few counties, by local charters. An important exception is that the United States Constitution prescribes the basis of representation in Congress and the manner of electing the President of the United States and grants to Congress the right to regulate the times, places, and manner of electing Federal officers. Almost all of the more than 155 thousand governmental units in the United States conduct elections at various intervals—annual, biennial, quadrennial, or longer—for different types of offices and other purposes. No regular and complete system exists for reporting either the number of elections held or the numbers of votes cast for the multitude of candidates, except for Federal offices, and in most States, for State offices. Few States require central reporting on local elections. The numbers of governments holding elections and the numbers of voters participating vary between Presidential and the intervening Congressional election years, and between even-numbered and odd-numbered years.

The tables in this section give summary data, by State, on elections to Federal offices, and indicate the principal State offices filled by popular election in 1946 and 1947. The number of registered voters in 1942 in each city of 25,000 inhabitants or more is given in the Cities Supplement to the Statistical Abstract.

**No. 333.—VOTE FOR PRESIDENTIAL ELECTORS, BY MAJOR POLITICAL PARTIES: 1888 TO 1944**

YEAR	Total <sup>1</sup>	Republican	Democratic	Socialist and Socialist-Labor	Miscellaneous independent <sup>2</sup>	Prohibition	Communist
1888.....	11,381,408	5,444,337	5,540,060	.....	146,867	260,124	.....
1892.....	12,043,603	5,190,802	5,554,414	.....	1,027,329	271,058	.....
1896.....	13,813,243	7,035,538	5,467,946	<sup>3</sup> 30,484	181,329	141,676	.....
1900.....	13,964,518	7,219,530	5,358,071	127,519	50,232	209,156	.....
1904.....	13,528,519	7,528,324	5,084,491	420,184	114,753	259,257	.....
1908.....	14,887,133	7,579,006	5,409,106	434,545	111,693	252,683	.....
1912.....	15,031,169	3,493,922	5,286,214	926,090	4,125,020	208,929	.....
1916.....	18,528,743	8,538,221	9,129,606	593,516	41,894	220,506	.....
1920.....	26,705,846	16,182,200	9,147,853	980,974	265,411	186,408	.....
1924.....	29,058,647	15,725,003	8,385,586	<sup>4</sup> 27,050	4,826,471	67,551	<sup>5</sup> 36,386
1928.....	36,511,717	21,391,381	15,016,443	289,023	.....	20,106	<sup>6</sup> 48,770
1932.....	39,751,438	15,761,841	22,821,857	918,057	.....	31,899	102,991
1936.....	45,647,117	16,579,583	27,476,673	196,832	1,175,788	37,083	80,159
1940.....	49,830,312	<sup>7</sup> 22,304,400	<sup>8</sup> 26,826,742	110,428	<sup>9</sup> 472,431	57,732	48,579
1944.....	47,976,263	22,006,285	<sup>4</sup> 24,776,864	106,442	<sup>1</sup> 1,011,918	74,764	.....

<sup>1</sup> Totals for years prior to 1928 exclude votes cast for names not appearing on electoral tickets for parties specified. Totals for 1928 and subsequent years include miscellaneous and scattering ballots, so far as reported; exclude count of void and blank ballots cast.

<sup>2</sup> For 1888, Union Labor Party; 1892, 1900, and 1904, Populist; 1896, National Democrat; 1908, Populist and Independent; 1912 and 1916, Progressive; 1920, Farmer-Labor; 1928 to 1944, miscellaneous. For 1924, votes for La Follette-Wheeler electors, variously designated as Independent Progressive, Progressive, Socialist, Socialist and Independent, Farmer-Labor, etc.

<sup>3</sup> Democrat-Populist.

<sup>4</sup> Socialist-Labor only. In 1924 practically all Socialist vote cast for La Follette and Wheeler, official candidates of both Socialist and Independent Progressive parties. (See note 2.)

<sup>5</sup> Workers.

<sup>6</sup> Included with miscellaneous are 798 Union votes cast in endorsement of Republican candidate.

<sup>7</sup> Included with miscellaneous are 417,418 American Labor votes cast in endorsement of Democratic candidate.

<sup>8</sup> Included with miscellaneous are 496,405 American Labor and 329,235 Liberal votes cast in endorsement of Democratic candidate.

Sources: 1888-1920, reports of State officials on file in Department of State. 1924, U. S. Congress, Clerk of the House, biennial report, Statistics of Presidential and Congressional Election. Thereafter, Dept. of Commerce, Bur. of Census, Elections, 1944: No. 5, Vote Cast in Presidential and Congressional Elections, 1928-1944.

No. 889.—VOTE FOR PRESIDENTIAL ELECTORS, BY MAJOR POLITICAL PARTIES, BY STATES: 1940 AND 1944

STATE	1940				1944			
	Total	Democratic	Republican	Other parties	Total	Democratic	Republican	Other parties
Total.....	49,820,312	26,826,742	22,304,400	689,170	47,976,263	24,776,864	22,006,285	1,193,114
Alabama.....	294,219	250,726	42,184	1,309	244,743	198,918	44,540	1,285
Arizona.....	150,039	95,267	54,030	742	137,634	80,926	56,287	421
Arkansas.....	201,838	158,622	42,122	1,094	212,956	148,965	63,551	440
California.....	3,268,791	1,877,618	1,351,419	39,754	3,520,875	1,988,564	1,512,965	19,346
Colorado.....	549,004	265,554	279,576	3,874	505,039	234,331	268,731	1,977
Connecticut.....	781,502	417,621	361,021	2,860	831,990	435,146	390,527	6,317
Delaware.....	136,374	74,599	61,440	335	125,361	68,166	56,747	448
Florida.....	485,492	359,334	126,158	-----	482,592	339,377	143,215	-----
Georgia.....	312,553	265,194	23,934	23,425	328,109	268,187	56,507	3,415
Idaho.....	235,168	127,842	106,553	773	208,321	107,399	100,137	785
Illinois.....	4,217,935	2,149,934	2,047,240	20,761	4,036,061	2,079,479	1,939,314	17,268
Indiana.....	1,782,747	874,063	899,466	9,218	1,672,091	781,403	875,891	14,797
Iowa.....	1,215,430	578,800	632,370	4,260	1,052,599	499,876	547,267	5,456
Kansas.....	860,297	364,725	489,169	6,403	733,776	287,458	442,096	4,222
Kentucky.....	970,063	557,222	410,384	2,457	867,921	472,589	392,448	2,884
Louisiana.....	372,305	319,751	52,446	108	349,383	281,564	67,750	69
Maine.....	320,840	156,478	163,951	411	296,400	140,631	155,434	335
Maryland.....	660,104	384,546	269,534	6,024	608,439	315,490	292,949	-----
Massachusetts.....	2,026,993	1,076,522	939,700	10,771	1,960,665	1,035,296	921,350	4,019
Michigan.....	2,085,929	1,032,991	1,039,917	13,021	2,205,223	1,106,899	1,084,423	13,901
Minnesota.....	1,251,188	644,196	596,274	10,718	1,125,529	589,864	527,416	8,249
Mississippi.....	175,824	168,267	2,814	4,743	180,080	158,515	3,742	17,823
Missouri.....	1,833,729	958,476	871,009	4,244	1,571,677	807,356	761,175	3,146
Montana.....	247,873	145,698	99,579	2,596	207,355	112,556	93,163	1,636
Nebraska.....	615,878	263,677	352,201	-----	563,126	233,246	329,880	-----
Nevada.....	53,174	31,945	21,229	-----	54,234	29,623	24,611	-----
New Hampshire.....	235,419	125,292	110,127	-----	229,625	119,663	109,916	46
New Jersey.....	1,974,920	1,016,442	945,478	13,000	1,963,761	987,874	961,335	14,552
New Mexico.....	183,014	103,699	79,315	-----	152,225	81,389	70,688	148
New York.....	6,301,596	2,834,500	3,027,478	439,618	6,316,790	2,478,598	2,987,647	850,545
North Carolina.....	822,648	609,015	213,633	-----	790,554	527,399	263,155	-----
North Dakota.....	280,775	124,036	154,590	2,149	220,171	100,144	118,535	1,492
Ohio.....	3,319,912	1,733,139	1,586,773	-----	3,153,066	1,570,763	1,582,293	-----
Oklahoma.....	826,212	474,313	348,872	3,027	722,636	401,549	319,424	1,663
Oregon.....	481,240	258,415	219,555	3,270	480,147	248,635	225,365	6,147
Pennsylvania.....	4,078,714	2,171,035	1,889,848	17,831	3,794,793	1,940,479	1,835,054	19,260
Rhode Island.....	321,148	182,182	138,653	313	299,276	175,356	123,487	433
South Carolina.....	99,830	95,470	1,727	2,633	103,375	90,601	4,547	8,227
South Dakota.....	308,427	131,362	177,065	-----	232,076	96,711	135,365	-----
Tennessee.....	522,823	351,601	169,153	2,069	510,692	308,707	200,311	1,674
Texas.....	1,041,168	840,151	199,152	1,865	1,150,326	821,605	191,425	137,296
Utah.....	247,819	154,277	93,151	391	248,319	150,088	97,891	340
Vermont.....	143,062	64,269	78,371	422	125,361	53,820	71,527	14
Virginia.....	346,607	235,961	109,363	1,283	388,485	242,276	145,243	966
Washington.....	793,833	462,145	322,123	9,565	856,328	486,774	361,689	7,865
West Virginia.....	868,076	495,662	372,414	-----	715,596	392,777	322,819	-----
Wisconsin.....	1,405,540	704,821	679,206	21,513	1,339,152	650,413	674,532	14,207
Wyoming.....	112,240	59,287	52,633	320	101,340	49,419	51,921	-----

1 Excludes vote cast by endorsing parties in Connecticut and New York see State detail in notes 2, 3, and 4 following.  
2 Included in "other" are 798 Union votes cast in endorsement of Republican candidate.  
3 Included in "other" are 417, 418 American Labor votes cast in endorsement of Democratic candidate.  
4 Included in "other" are 496,405 American Labor and 329,235 Liberal votes cast in endorsement of Democratic candidate.

Source: Department of Commerce, Bureau of the Census; Elections, 1944: No. 5, Vote Cast in Presidential and Congressional Elections, 1928-1944.

**No. 340.—ELECTORAL VOTE FOR PRESIDENT, BY MAJOR POLITICAL PARTIES, BY STATES: 1916 TO 1944**

STATE	1916		1920		1924		1928		1932		1936		1940		1944	
	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.
<b>Total</b>	<b>254</b>	<b>277</b>	<b>404</b>	<b>127</b>	<b>362</b>	<b>126</b>	<b>444</b>	<b>67</b>	<b>59</b>	<b>472</b>	<b>9</b>	<b>521</b>	<b>62</b>	<b>449</b>	<b>99</b>	<b>432</b>
<b>Plurality</b>		<b>23</b>	<b>277</b>		<b>246</b>		<b>357</b>			<b>413</b>		<b>515</b>		<b>367</b>		<b>333</b>
Ala.		12		12		12		12		11		11		11		11
Ark.		3	3		3		3		3		3		3		3	
Calif.		9		9		9		9		9		9		9		9
Calif.		18	18		18		18		22		22		22		22	
Colo.		6	6		6		6		6		6		6		6	
Conn.	7		7		7		7		8		8		8		8	
Del.	3		3		3		3		3		3		3		3	
Fla.		6		6		6		6		7		7		7		8
Ga.		14		14		14		14		12		12		12		12
Idaho		4	4		4		4		4		4		4		4	
Ill.	29		29		29		29		29		29		29		29	
Ind.	15		15		15		15		14		14		14		12	
Iowa	13		13		13		13		11		11		11		10	
Kans.		10	10		10		10		9		9		9		8	
Ky.		13		13		13		13		11		11		11		11
La.		10		10		10		10		10		10		10		10
Maine	6		6		6		6		5		5		5		5	
Md.		8	8		8		8		8		8		8		8	
Mass.	18		18		18		18		17		17		17		16	
Mich.	16		16		16		16		19		19		19		19	
Minn.	12		12		12		12		11		11		11		11	
Miss.		10		10		10		10		9		9		9		9
Mo.		18	18		18		18		15		15		15		15	
Mont.		4	4		4		4		4		4		4		4	
Nebr.		8	8		8		8		7		7		7		6	
Nev.		3	3		3		3		3		3		3		3	
N. H.		4	4		4		4		4		4		4		4	
N. J.	14		14		14		14		16		16		16		16	
N. M.		3	3		3		3		3		3		3		3	
N. Y.	45		45		45		45		47		47		47		47	
N. C.		12		12		12		12		13		13		13		14
N. Dak.		5	5		5		5		4		4		4		4	
Ohio		24	24		24		24		26		26		26		25	
Okl.		10	10		10		10		11		11		11		10	
Oreg.	5		5		5		5		5		5		5		5	
Pa.	38		38		38		38		35		35		35		35	
R. I.	5		5		5		5		5		4		4		4	
S. C.		9		9		9		9		8		8		8		8
S. Dak.	5		5		5		5		4		4		4		4	
Tenn.		12	12		12		12		11		11		11		11	
Tex.		20		20		20		20		23		23		23		23
Utah		4	4		4		4		4		4		4		4	
Vt.	4		4		4		4		3		3		3		3	
Va.		12		12		12		12		11		11		11		11
Wash.		7	7		7		7		8		8		8		8	
W. Va.	7		6		6		6		8		8		8		8	
Wis.	13		13		(1)	(1)	13		12		12		12		12	
Wyo.		3	3		3		3		3		3		3		3	

<sup>1</sup> Electoral votes of Wisconsin cast for LaFollette and Wheeler, Independent Progressive candidates.

Sources: 1916 and 1920, Journal of the Senate, Washington, D. C.; 1924-44, U. S. Congress, Clerk of the House; biennial report, Statistics of Presidential and Congressional Election.

# No. 841.—APPORTIONMENT OF CONGRESSIONAL REPRESENTATION, BY STATES, FROM ADOPTION OF CONSTITUTION TO 1940

[Until 1940, population for apportionment purposes excluded Indians not taxed and, until 1870, two-fifths of slaves. In 1940, all Indians were held subject to Federal taxation. Until 1850, apportionment ratios chosen arbitrarily; 1850 to 1900, ratios were apportionment population of U. S. divided by number of Representatives, from 1910 on, apportionments computed from priority lists, not from ratios. No apportionment in 1920. For discussion of apportionment methods, see S. Doc. No. 304, 76th Cong., 3d sess., "A Survey of Methods of Apportionment in Congress," by Edward V. Huntington]

STATE	Constitution	1790	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1930	1940
	RATIOS UNDER CONSTITUTION AND APPORTIONMENT ACTS															
	20,000 <sup>1</sup>	33,000	38,000	35,000	40,000	47,700	70,880	93,423	127,381	131,425	151,911	173,201	194,182	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
	NUMBER OF REPRESENTATIVES															
Total.....	65	105	142	186	213	242	232	237	243	253	332	357	391	435	435	435
Alabama.....				<sup>4</sup> 1	3	5	7	7	6	8	8	9	9	10	9	9
Arizona.....														<sup>1</sup> 1	1	2
Arkansas.....						<sup>4</sup> 1	1	2	3	4	5	6	7	7	7	7
California.....							<sup>4</sup> 2	2	3	4	5	6	7	8	11	20
Colorado.....										<sup>4</sup> 1	1	2	3	4	4	4
Connecticut.....	5	7	7	7	6	5	4	4	4	4	4	4	5	5	5	6
Delaware.....	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
Florida.....							<sup>4</sup> 1	1	1	2	2	2	3	4	5	6
Georgia.....	3	2	4	6	7	9	8	8	7	9	10	11	11	12	10	10
Idaho.....											<sup>4</sup> 1	1	1	2	2	2
Illinois.....				<sup>4</sup> 1	1	3	7	9	14	19	20	22	25	27	27	28
Indiana.....				<sup>4</sup> 1	3	7	10	11	11	13	13	13	13	13	12	11
Iowa.....							<sup>4</sup> 2	2	6	9	11	11	11	11	9	8
Kansas.....									1	3	7	8	8	8	7	6
Kentucky.....		2	5	10	12	13	10	10	9	10	11	11	11	11	9	9
Louisiana.....				<sup>4</sup> 1	3	3	4	4	5	6	6	6	7	8	8	8
Maine.....				<sup>4</sup> 7	7	8	7	6	5	5	4	4	4	4	3	3
Maryland.....	5	5	9	9	9	8	6	6	5	5	6	6	6	6	6	6
Massachusetts.....	8	14	17	13	13	12	10	11	10	11	12	13	14	16	15	14
Michigan.....						<sup>4</sup> 1	3	4	6	9	11	12	12	13	17	17
Minnesota.....								<sup>4</sup> 2	2	3	5	7	9	10	9	9
Mississippi.....				<sup>4</sup> 1	1	2	4	5	5	5	7	7	6	8	7	7
Missouri.....					1	2	5	7	9	13	14	16	16	16	13	13
Montana.....											<sup>4</sup> 1	1	1	2	2	2
Nebraska.....									<sup>4</sup> 1	1	3	6	5	6	5	4
Nevada.....									<sup>4</sup> 1	1	1	1	1	1	1	1
New Hampshire.....	3	4	5	6	6	5	4	3	3	3	2	2	2	2	2	2
New Jersey.....	4	5	6	6	6	6	5	5	5	7	7	8	10	12	14	14
New Mexico.....														<sup>4</sup> 1	1	2
New York.....	5	10	17	27	34	40	34	33	31	33	34	34	37	43	45	45
North Carolina.....	5	10	12	13	18	13	9	8	7	8	9	9	10	10	11	12
North Dakota.....											<sup>4</sup> 1	1	2	3	2	2
Ohio.....			<sup>4</sup> 1	6	14	19	21	21	19	20	21	21	21	22	24	23
Oklahoma.....													<sup>4</sup> 6	8	9	8
Oregon.....								<sup>4</sup> 1	1	1	1	2	2	3	3	4
Pennsylvania.....	8	13	18	23	26	28	24	25	24	27	28	30	32	36	34	33
Rhode Island.....	1	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2
South Carolina.....	5	6	8	9	9	9	7	6	4	5	7	7	7	7	6	6
South Dakota.....											<sup>4</sup> 2	2	2	3	2	2
Tennessee.....		<sup>4</sup> 1	3	6	9	12	11	10	8	10	10	10	10	10	9	10
Texas.....							<sup>4</sup> 2	2	4	6	11	13	16	18	21	21
Utah.....												<sup>4</sup> 1	1	2	2	2
Vermont.....		2	4	6	5	5	4	3	3	3	2	2	2	2	1	1
Virginia.....	10	19	22	23	22	21	15	13	11	9	10	10	10	10	9	9
Washington.....											<sup>4</sup> 1	2	3	5	6	6
West Virginia.....										3	4	4	5	6	6	6
Wisconsin.....							<sup>4</sup> 2	3	6	8	9	10	11	11	10	10
Wyoming.....											<sup>4</sup> 1	1	1	1	1	1

<sup>1</sup> Number of Representatives not to exceed 1 for each 30,000 inhabitants.

<sup>2</sup> See headnote.

<sup>3</sup> Membership increased from 233 to 234 by act of July 30, 1852 (10 Stat. L. 25). See note 6.

<sup>4</sup> Membership increased from 233 to 241 by act of Mar. 4, 1862 (12 Stat. L. 353). See note 6.

<sup>5</sup> Membership originally fixed at 283 but increased to 292 by act of May 30, 1872 (17 Stat. L. 192). One Member assigned to Colorado after apportionment.

<sup>6</sup> Assigned after apportionment.

<sup>7</sup> Included in apportionment act in anticipation of Statehood.

<sup>8</sup> Included in the 20 Members originally assigned to Massachusetts but credited to Maine after its admission as a State, Mar. 15, 1820 (3 Stat. L. 555).

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Volume I.



# No. 842.—VOTE FOR UNITED STATES SENATORS, BY MAJOR POLITICAL PARTIES, BY STATES: 1944 AND 1946

[Years in which no regular elections occur indicated by leaders. Elections to fill vacancies for unexpired terms excluded]

STATE	1944				1946			
	Total	Democrat	Republican	Other parties	Total	Democrat	Republican	Other parties
Alabama.....	247,749	202,604	41,983	3,162	116,239	80,415	35,022	802
Arizona.....	130,226	90,335	39,891	—	—	—	—	—
Arkansas.....	214,441	182,499	31,942	—	—	—	—	—
California.....	3,306,234	1,728,155	1,576,553	526	2,639,465	1,167,161	1,428,067	44,237
Colorado.....	494,888	214,335	277,410	3,143	—	—	—	—
Connecticut.....	828,497	430,716	391,748	6,033	682,921	276,424	381,328	25,169
Delaware.....	—	—	—	—	113,513	50,910	62,603	—
Florida.....	470,959	335,685	135,258	16	198,640	156,232	42,408	—
Georgia.....	272,545	272,541	—	4	—	—	—	—
Idaho.....	209,469	107,096	102,873	—	—	—	—	—
Illinois.....	3,913,926	2,059,023	1,841,793	13,110	—	—	—	—
Indiana.....	1,651,385	807,766	829,489	14,130	1,347,434	584,288	739,809	23,337
Iowa.....	1,021,687	494,229	523,963	3,495	—	—	—	—
Kansas.....	669,191	272,053	387,090	10,048	—	—	—	—
Kentucky.....	846,627	464,053	380,425	2,149	—	—	—	—
Louisiana.....	287,391	287,365	—	26	—	—	—	—
Maine.....	—	—	—	—	175,014	63,799	111,215	—
Maryland.....	558,430	344,725	213,705	—	472,232	237,232	235,000	—
Massachusetts.....	—	—	—	—	1,662,055	660,200	969,736	12,119
Michigan.....	—	—	—	—	1,618,720	517,923	1,065,570	15,227
Minnesota.....	—	—	—	—	878,731	1,349,520	517,775	11,436
Mississippi.....	—	—	—	—	46,747	46,747	—	—
Missouri.....	1,557,108	776,790	778,778	1,535	1,086,241	511,544	572,556	2,141
Montana.....	—	—	—	—	190,566	86,476	101,901	2,189
Nebraska.....	—	—	—	—	882,958	111,750	271,208	—
Nevada.....	52,411	30,595	21,816	—	50,354	22,553	27,801	—
New Hampshire.....	217,057	106,508	110,549	—	—	—	—	—
New Jersey.....	—	—	—	—	1,367,155	548,458	799,808	18,889
New Mexico.....	—	—	—	—	133,282	68,650	64,632	—
New York.....	6,209,317	2,485,735	2,899,497	824,085	4,867,477	1,688,887	2,559,365	619,225
North Carolina.....	759,850	533,813	226,037	—	—	—	—	—
North Dakota.....	210,422	95,102	69,530	45,790	165,382	38,368	88,210	38,804
Ohio.....	2,983,878	1,483,069	1,500,809	—	2,237,269	947,610	1,275,774	13,885
Oklahoma.....	702,394	390,851	309,222	2,321	—	—	—	—
Oregon.....	443,235	174,140	269,095	—	—	—	—	—
Pennsylvania.....	3,730,392	1,864,732	1,840,943	24,717	3,127,860	1,245,338	1,853,458	29,064
Rhode Island.....	—	—	—	—	273,528	150,748	122,780	—
South Carolina.....	101,736	94,556	3,214	3,966	—	—	—	—
South Dakota.....	227,447	82,199	145,248	—	—	—	—	—
Tennessee.....	—	—	—	—	218,714	145,654	57,238	15,822
Texas.....	—	—	—	—	380,681	336,931	43,750	—
Utah.....	248,280	148,748	99,532	—	197,399	96,257	101,142	—
Vermont.....	123,248	42,136	81,094	18	73,340	18,594	54,729	17
Virginia.....	—	—	—	—	252,863	163,960	77,005	11,898
Washington.....	819,879	452,013	364,356	3,510	660,342	298,683	358,847	2,812
West Virginia.....	—	—	—	—	542,768	273,151	269,617	—
Wisconsin.....	1,256,480	537,144	634,513	84,823	1,014,594	378,772	620,430	15,392
Wyoming.....	—	—	—	—	81,557	45,843	35,714	—

<sup>1</sup> Democratic-Farmer-Labor party.

<sup>2</sup> Included in "other" are 483,785 American Labor and 325,056 Liberal votes cast in endorsement of Democratic candidate.

<sup>3</sup> Included in "other" are 435,846 American Labor and 183,379 Liberal votes cast in endorsement of Democratic candidate.

Sources: Department of Commerce, Bureau of the Census: Elections, 1944: No. 5. Vote Cast in Presidential and Congressional Elections, 1928-44; U. S. Congress, Clerk of the House; Statistics of the Congressional Election of Nov. 5, 1946, corrected to Feb. 13, 1947.

**No. 848.—VOTE FOR UNITED STATES REPRESENTATIVES, BY MAJOR POLITICAL PARTIES, BY STATES: 1944 AND 1946**

STATE	1944				1946			
	Total	Democrat	Republican	Other parties	Total	Democrat	Republican	Other parties
Alabama.....	1 222, 338	200, 462	21, 876	-----	1 179, 488	165, 383	14, 105	-----
Arizona.....	2 128, 036	88, 532	39, 035	469	2 112, 812	74, 948	37, 033	831
Arkansas.....	1 217, 207	200, 692	16, 515	-----	1 151, 333	143, 252	2, 881	5, 200
California.....	3, 007, 499	1 1, 519, 190	1 1, 479, 443	8, 866	2, 335, 262	1 1, 105, 646	1 1, 203, 346	26, 270
Colorado.....	493, 862	210, 275	281, 578	2, 009	332, 072	145, 692	184, 519	1, 861
Connecticut.....	825, 116	420, 505	402, 163	2, 448	674, 499	281, 709	374, 545	18, 245
Delaware.....	126, 440	63, 649	62, 378	413	112, 621	49, 105	63, 516	-----
Florida.....	1 416, 372	353, 170	63, 183	19	1 186, 763	151, 123	35, 640	-----
Georgia.....	1 274, 374	271, 442	-----	2, 932	1 161, 578	141, 961	-----	19, 617
Idaho.....	205, 579	105, 830	99, 749	-----	178, 758	77, 740	101, 018	-----
Illinois.....	3, 874, 845	1, 933, 888	1, 939, 543	1, 414	3, 446, 920	1, 500, 635	1, 946, 276	9
Indiana.....	1, 651, 216	767, 157	872, 720	11, 339	1, 332, 648	588, 644	725, 622	18, 382
Iowa.....	972, 759	420, 340	552, 046	373	593, 076	228, 039	365, 037	-----
Kansas.....	664, 192	245, 860	418, 332	-----	554, 860	223, 173	328, 642	3, 045
Kentucky.....	843, 843	459, 936	381, 552	2, 355	1 583, 302	271, 480	311, 502	320
Louisiana.....	1 282, 569	282, 569	-----	-----	1 106, 009	100, 357	5, 651	1
Maine.....	183, 771	53, 861	129, 910	-----	174, 248	63, 860	110, 388	-----
Maryland.....	544, 324	304, 195	240, 129	-----	444, 955	232, 498	212, 457	-----
Massachusetts.....	1, 889, 753	887, 982	1, 001, 660	111	1 1, 617, 314	744, 765	863, 274	9, 275
Michigan.....	2, 163, 487	1, 028, 171	1, 126, 956	8, 360	1, 604, 732	619, 318	975, 363	10, 051
Minnesota.....	1, 109, 109	4 452, 945	653, 150	3, 014	875, 005	4 357, 758	514, 784	2, 463
Mississippi.....	1 152, 712	147, 579	5, 133	-----	1 50, 037	50, 037	-----	-----
Missouri.....	1, 520, 412	797, 940	722, 336	136	1, 084, 741	517, 980	566, 296	465
Montana.....	197, 217	118, 131	77, 513	1, 573	190, 088	95, 982	93, 265	841
Nebraska.....	514, 926	165, 749	336, 400	12, 777	372, 040	118, 800	248, 724	4, 516
Nevada.....	51, 744	32, 648	19, 096	-----	49, 046	20, 187	28, 859	-----
New Hampshire.....	215, 857	102, 374	113, 448	35	161, 092	61, 220	99, 872	-----
New Jersey.....	1, 859, 425	860, 326	988, 108	10, 991	1, 381, 993	553, 964	815, 261	12, 768
New Mexico.....	2 151, 888	85, 244	66, 644	-----	2 126, 939	66, 420	60, 519	-----
New York.....	6, 024, 597	2 2, 491, 359	2 2, 827, 282	705, 956	4, 705, 410	1 1, 632, 038	2 2, 522, 927	550, 445
North Carolina.....	754, 658	524, 274	230, 384	-----	1 452, 222	277, 277	174, 945	-----
North Dakota.....	2 197, 594	56, 699	101, 007	39, 888	2 144, 394	41, 189	103, 205	-----
Ohio.....	2, 954, 334	1, 392, 534	1, 560, 440	1, 360	2, 216, 750	943, 881	1, 262, 164	10, 705
Oklahoma.....	684, 560	401, 232	282, 279	1, 049	492, 141	287, 978	204, 163	-----
Oregon.....	442, 476	170, 264	272, 212	-----	334, 670	117, 665	217, 005	-----
Pennsylvania.....	3, 712, 570	1 1, 880, 631	1, 827, 055	7 4, 884	3, 111, 987	1, 306, 723	1, 795, 552	9, 712
Rhode Island.....	293, 481	175, 369	118, 010	102	272, 394	148, 717	122, 787	890
South Carolina.....	100, 862	97, 360	3, 495	7	1 26, 357	26, 066	-----	291
South Dakota.....	225, 738	78, 850	146, 888	-----	157, 805	58, 073	99, 732	-----
Tennessee.....	1 398, 622	260, 694	131, 714	6, 214	1 193, 448	126, 530	58, 704	8, 214
Texas.....	1 1, 058, 419	996, 013	62, 304	102	1 347, 395	330, 368	16, 998	29
Utah.....	247, 681	149, 599	98, 082	-----	196, 672	95, 486	101, 186	-----
Vermont.....	123, 036	46, 230	76, 800	6	73, 066	26, 056	46, 985	25
Virginia.....	1 342, 980	239, 347	71, 604	32, 029	1 253, 864	167, 919	81, 626	4, 319
Washington.....	803, 093	426, 036	375, 554	1, 503	644, 930	267, 187	375, 715	2, 028
West Virginia.....	718, 509	389, 738	328, 771	-----	537, 357	269, 306	268, 051	-----
Wisconsin.....	1 1, 162, 858	408, 714	624, 833	129, 311	1 963, 918	312, 289	615, 287	56, 342
Wyoming.....	96, 102	42, 569	53, 533	-----	79, 438	34, 956	44, 482	-----

<sup>1</sup> In some districts one or the other of the major parties had no candidates.

<sup>2</sup> No representatives were elected from districts, but more than one was elected from the State at large in Arizona, New Mexico, and North Dakota. In these States each total is the sum of votes cast for that candidate of each party receiving the highest vote.

<sup>3</sup> In California a person may be the candidate of one or more parties for the same office, so that party votes for candidates are not segregable. The party vote shown is computed by assigning to a party the total of votes for candidates who are members of that party.

<sup>4</sup> Democratic-Farmer-Labor party.

<sup>5</sup> Included in "other" are 416,247 American Labor, 161,209 Liberal, and 4,457 Good Government votes cast for Democratic candidates, and 435 Jeffersonian votes cast for a Republican candidate.

<sup>6</sup> Included in "other" are 240,394 American Labor, 47,138 Liberal, 708 Veterans-Farmer votes cast for Democratic candidates; 7,267 American Labor, 571 Veteran Victory, 9,761 Liberal votes cast for Republican candidates. Included among Democratic votes are 27,341 Democratic votes cast for the American Labor candidate.

<sup>7</sup> Included in "other" are 86 independent votes cast for a Democratic candidate.

Sources: Department of Commerce, Bureau of the Census; Elections, 1944: No. 5, Vote Cast in Presidential and Congressional Elections, 1928-44; U. S. Congress, Clerk of the House; Statistics of the Congressional Election of Nov. 5, 1946, corrected to Feb. 13, 1947.

**No. 844.—CONGRESSIONAL AND PRINCIPAL STATE OFFICES ELECTIVE IN 1946 AND 1947**

[Excludes elections in 1946 and 1947 to fill unexpired terms. Asterisk (\*) denotes office to be filled as of the expiration of the regular term; a letter replaces the asterisk in the auditor column. NE—Not an elective office]

STATE	U. S. CON- GRESS		STATE LEGISLA- TURE		PRINCIPAL EXECUTIVE AND ADMINISTRATIVE OFFICES							State Supreme (or high- est) Court Justices <sup>1</sup>
	Sen- ators	Rep- resent- atives	Senators	Rep- resent- atives	Gov- ernor	Lieut. Gov- ernor	Sec. of State	Attor- ney Gen- eral	Treas- urer	Audi- tor (A) Comp- troller (C)	Supt. of Pub. Inst.	
1946												
Alabama.....		9	35	106	(*)	(*)	(*)	(*)	(*)	A	(*)	2 of 7
Arizona.....	1	2	19	58	(*)	NE	(*)	(*)	(*)	A	(*)	1 of 3
Arkansas.....		7	17 of 35	100	(*)	(*)	(*)	(*)	(*)	A	NE	1 of 7
California.....	1	23	20 of 40	80	(*)	(*)	(*)	(*)	(*)	C	(*)	2 of 7
Colorado.....		4	17 of 35	65	(*)	(*)	(*)	(*)	(*)	A	(*)	2 of 7
Connecticut.....	1	6	36	272	(*)	(*)	(*)	(*)	(*)	C	NE	NE
Delaware.....	1	1	7 of 17	35			NE	(*)	(*)	A	NE	NE
Florida.....	1	6	19 of 38	95		NE						2 of 7
Georgia.....		10	52	205	(*)	(*)	(*)	(*)	(*)	C	(*)	2 of 6
Idaho.....		2	44	59	(*)	(*)	(*)	(*)	(*)	A	(*)	2 of 5
Illinois.....		26	26 of 51	153							(*)	
Indiana.....	1	11	25 of 50	100			(*)		(*)	A	(*)	1 of 5
Iowa.....		8	21 of 50	108	(*)	(*)	(*)	(*)	(*)	A	(*)	3 of 9
Kansas.....		6		125	(*)	(*)	(*)	(*)	(*)	A	(*)	2 of 7
Kentucky.....		9										1 of 7
Louisiana.....		8										1 of 7
Maine.....	1	3	33	151	(*)	NE	NE	NE	NE	NE	NE	NE
Maryland.....	1	6	29	123	(*)	(*)	NE	(*)	NE	C	NE	3 of 8
Massachusetts.....	1	14	40	240	(*)	(*)	(*)	(*)	(*)	A	NE	NE
Michigan.....	1	17	32	100	(*)	(*)	(*)	(*)	(*)	A		
Minnesota.....	1	9	67	131	(*)	(*)	(*)	(*)	(*)	A	NE	2 of 7
Mississippi.....	1	7										
Missouri.....	1	13	17 of 34	150							(*)	1 of 7
Montana.....	1	2	28 of 56	90								2 of 5
Nebraska.....	1	4	(4)	43	(*)	(*)	(*)	(*)	(*)	A		3 of 7
Nevada.....	1	1	10 of 17	40	(*)	(*)	(*)	(*)	(*)	C	(*)	1 of 3
New Hampshire.....		2	24	398	(*)	NE	NE	NE	NE	NE	NE	NE
New Jersey.....	1	14	7	60	(*)	NE		NE	NE	NE	NE	NE
New Mexico.....	1	2		49	(*)	(*)	(*)	(*)	(*)	A	(*)	2 of 5
New York.....	1	45	56	150	(*)	(*)	NE	(*)	NE	C	NE	1 of 7
North Carolina.....		12	50	120								2 of 7
North Dakota.....	1	2	25 of 49	113	(*)	(*)	(*)	(*)	(*)	A	(*)	1 of 5
Ohio.....	1	23	36	139	(*)	(*)	(*)	(*)	(*)		NE	2 of 7
Oklahoma.....		8	22 of 44	118	(*)	(*)	(*)	(*)	(*)	A	(*)	3 of 9
Oregon.....		4	15 of 30	60	(*)	NE	(*)	(*)	(*)	NE	(*)	1 of 7
Pennsylvania.....	1	33	25 of 50	208	(*)	(*)	NE	NE			NE	
Rhode Island.....	1	2	44	100	(*)	(*)	(*)	(*)	(*)	NE	NE	NE
South Carolina.....		6	23 of 46	124	(*)	(*)	(*)	(*)	(*)	C	(*)	NE
South Dakota.....		2	35	75	(*)	(*)	(*)	(*)	(*)	A	(*)	2 of 5
Tennessee.....	1	10	33	99	(*)	NE	NE	NE	NE	NE	NE	
Texas.....	1	21	15 of 31	150	(*)	(*)	NE	(*)	(*)	C	(*)	1 of 3
Utah.....	1	2	11 of 23	60		NE						1 of 5
Vermont.....	1	1	30	246	(*)	(*)	(*)	(*)	(*)	A	NE	NE
Virginia.....	1	9					NE		NE	NE	NE	NE
Washington.....	1	6	23 of 46	99								3 of 9
West Virginia.....	1	6	16 of 32	94		NE						
Wisconsin.....	1	10	17 of 33	100	(*)	(*)	(*)	(*)	(*)	NE		1 of 7
Wyoming.....	1	1	13 of 27	56	(*)	NE	(*)	NE	(*)	A	(*)	
1947												
Kentucky.....			19 of 38	100	(*)	(*)	(*)	(*)	(*)	A	(*)	
Michigan.....											(*)	2 of 8
Mississippi.....			49	140	(*)	(*)	(*)	(*)	(*)	A	(*)	1 of 6
New Jersey.....			7 of 21	60		NE	NE	NE	NE	NE	NE	NE
Pennsylvania.....							NE	NE			NE	
Virginia.....			40	100			NE		NE	NE	NE	NE
Wisconsin.....										NE		1 of 7

<sup>1</sup> Other judgeships elective from judicial districts larger than counties: In 1946 in Alabama, Arkansas, California, Colorado, Georgia, Idaho, Indiana, Kansas, Minnesota, Mississippi, Missouri, Nevada, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, South Dakota, Texas, Wisconsin, Wyoming; in 1947 in Michigan, Pennsylvania, Wisconsin.

<sup>2</sup> Confirmatory election only.

<sup>3</sup> In a Supreme Court district.

<sup>4</sup> Nebraska has a one-house legislature.

Source: Department of Commerce, Bureau of the Census; annual report, Elections Calendar.

## 14. National Government Finances

The Government's proposed budget for the ensuing fiscal year is transmitted to the Congress by the President in January, and contains the President's recommendations for appropriations for the maintenance of the various departments and establishments. The Treasury Department publishes a "Digest of Appropriations" each year, which summarizes appropriation legislation enacted by the Congress, and also publishes yearly the "Combined Statement of Receipts, Expenditures and Balances," which is an abstract of the books of the Treasury relating to all of the receipt and appropriation accounts of the Government.

The day-to-day financial operations of the Federal Government are reflected in the "Daily Statement of the United States Treasury," which covers all of the receipts and expenditures of the Government, including those arising under public debt operations, and also exhibits a "Statement of the Public Debt," as of the end of the month, on the first working day of the next month, and certain other special statements on the 15th day of each month. The "Treasury Bulletin," a monthly publication, contains analytical material on fiscal operations and related Treasury activities. The "Annual Report of the Secretary of the Treasury" is a convenient summary of yearly data relating to somewhat broader fields, and, in addition, contains texts of most of the public documents relating to fiscal policy and operations. The "Annual Report of the Commissioner of Internal Revenue" gives a detailed account of tax collections by kind of tax and by geographic area.

Two other special aspects of Federal finances are dealt with in the "Circulation Statement of United States Money" (monthly) and "Prices and Yields of Public Marketable Securities . . ." (monthly), both issued by the Treasury Department. See table 413-415, and 496, pp. 405-408, and 465.

Data from income tax returns are compiled by the Bureau of Internal Revenue of the Treasury Department in accordance with Section 63 of the Internal Revenue Code, which requires the preparation and publication annually of statistics reasonably available with respect to the operation of the income tax laws. The annual report, *Statistics of Income*, Part 1, is compiled from data reported on individual income tax returns, taxable fiduciary income tax returns, Federal estate tax returns, and gift tax returns. *Statistics of Income*, Part 2, also published annually, presents data from corporation income and declared value excess-profits tax returns, corporation excess-profits tax returns, and personal holding company returns. Data from these reports appear on pages 331-364.

### ACCOUNTS THROUGH WHICH TREASURY OPERATIONS ARE EFFECTED

All receipts of the Government are covered into the General Fund of the Treasury, from which all expenditures are made. No money may be drawn from the Treasury except in accordance with appropriations made by law.

Receipts and expenditures are classified in the Treasury's records according to the class of accounts through which operations are effected. Transactions are segregated in order to exhibit separately those effected through general and special accounts, as contrasted with those effected through trust accounts. A brief description of the items handled through these accounts is as follows:

**1. General accounts.**—The principal categories of general account receipts are income taxes, miscellaneous internal revenue, employment taxes, customs, and miscellaneous receipts, such as proceeds from the sale of surplus property.

There are five classes of appropriations payable through the general accounts of the Treasury, namely: (a) annual appropriations, which are available for incurring obligations only during a specified fiscal year; (b) multiple-year appropriations, which are available for incurring obligations for a definite period in excess of one fiscal year; (c) continuing (no year) appropriations, which are available for incurring obligations

until the appropriation is exhausted or until the object for which appropriated has been accomplished; (d) permanent-specific appropriations, which are fixed amounts provided for each of a series of years by permanent legislation, without annual action of Congress; and (e) permanent-indefinite appropriations, which are indefinite amounts (so much as may be necessary) provided by permanent legislation without annual action of Congress, such as the indefinite appropriation to cover interest on the public debt.

**2. Special accounts.**—Receipts in these accounts are generally funds received under special authorization of law which may be expended only for the particular purposes specified therein, and not for general purposes. The larger items have been those receipts for the reclamation fund and receipts under the Mineral Leasing Act, the national forest funds, war contributions, and deposits for defense aid under lend-lease legislation.

**3. Trust accounts.**—Trust account receipts are those received for the benefit of individuals or groups of individuals and are to be used for the purposes specified in the trust, and are not, therefore, available for general expenditures. An example of a trust account is the Federal old-age and survivors insurance trust fund, to which amounts equivalent to the receipts from the taxes on employment levied for the support of old-age benefits are automatically appropriated.

#### BASIS OF TABLES

A number of different bases are used in compiling data relating to Federal finances, as explained below, and the basis used is noted at the head of each table.

Most tables at present dealing with Federal fiscal affairs are compiled on the basis of the Daily Treasury Statement. This statement is compiled from the latest daily financial reports received from Government depositaries and Treasury offices holding Government funds, and, because of the promptness with which the information is obtained and made public, it has come into general use as reflecting the Government's finances and the condition of the Treasury from day to day. Statements for a given period compiled from the records of the agents handling Government funds may differ from the Daily Treasury Statement because of the timing difference. The Daily Treasury Statement for a given period includes items for a previous period received too late for inclusion in the Statement for that period, and does not include, of course, items not received in time for publication in the current period.

Other tables are on bases reflecting the accounts or statistics of the various Treasury offices compiling them for the definite period under review. Such other bases are the following:

**Public debt accounts.**—Tables on this basis reflect the audited accounts of the Bureau of the Public Debt for the actual transactions of the period under review.

**Warrants issued.**—By law, warrants evidence the formal covering of receipts into the Treasury. The term when relating to expenditures merely refers to the advance of funds to disbursing officers for expenditure, and tables when compiled on this basis show expenditures considerably in advance of actual disbursement by disbursing officers.

**Checks issued.**—This term relates to expenditure statements made up on the basis of checks drawn by disbursing officers.

**Collection basis.**—Statements showing receipts on this basis are compiled from reports received by the various administrative offices from collecting officers in the field, such as actual collections recorded on their books by collectors of internal revenue and collectors of customs but without regard to the time of deposit of such collections to the credit of the Treasurer.

Further details with respect to Treasury accounting bases and procedures are shown on pages 265–267 of the Annual Report of the Secretary of the Treasury for the fiscal year 1947.

FIGURE L.—NET PUBLIC AND PRIVATE DEBT ON DECEMBER 31: 1916 TO 1946  
(See table 376)

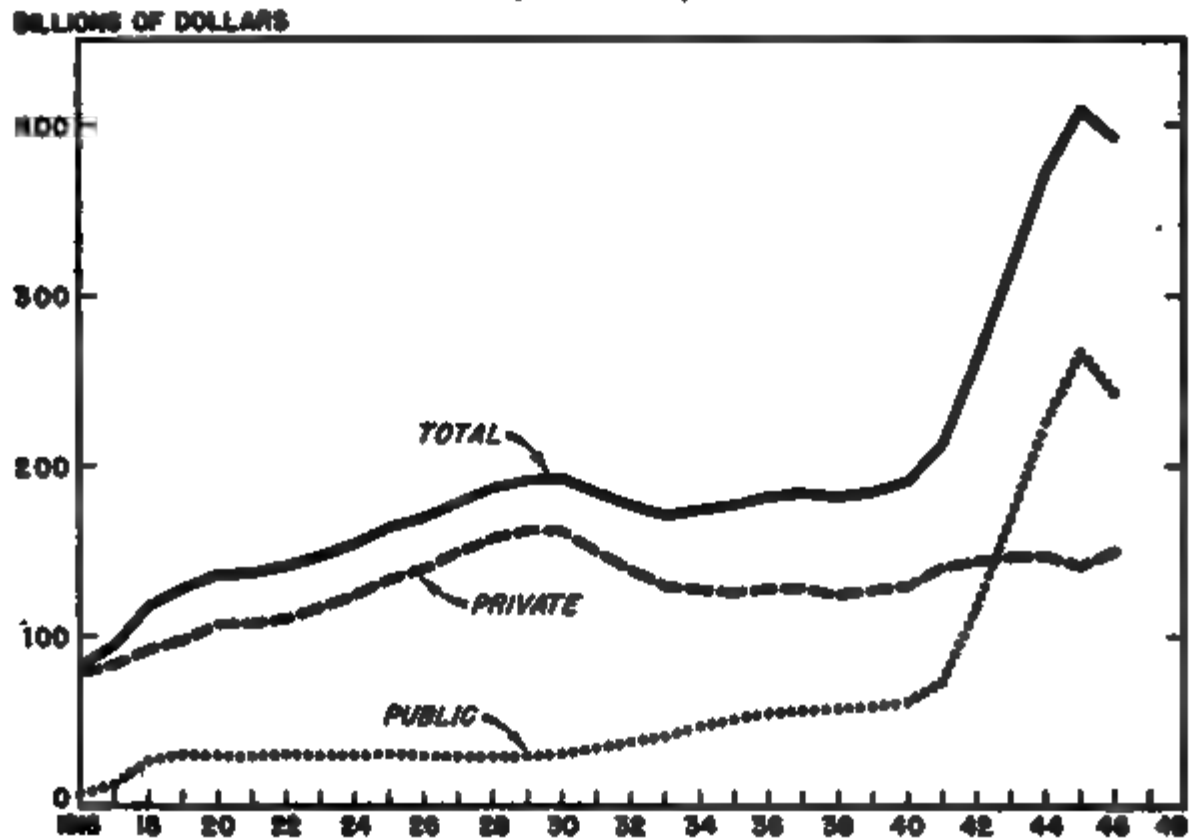
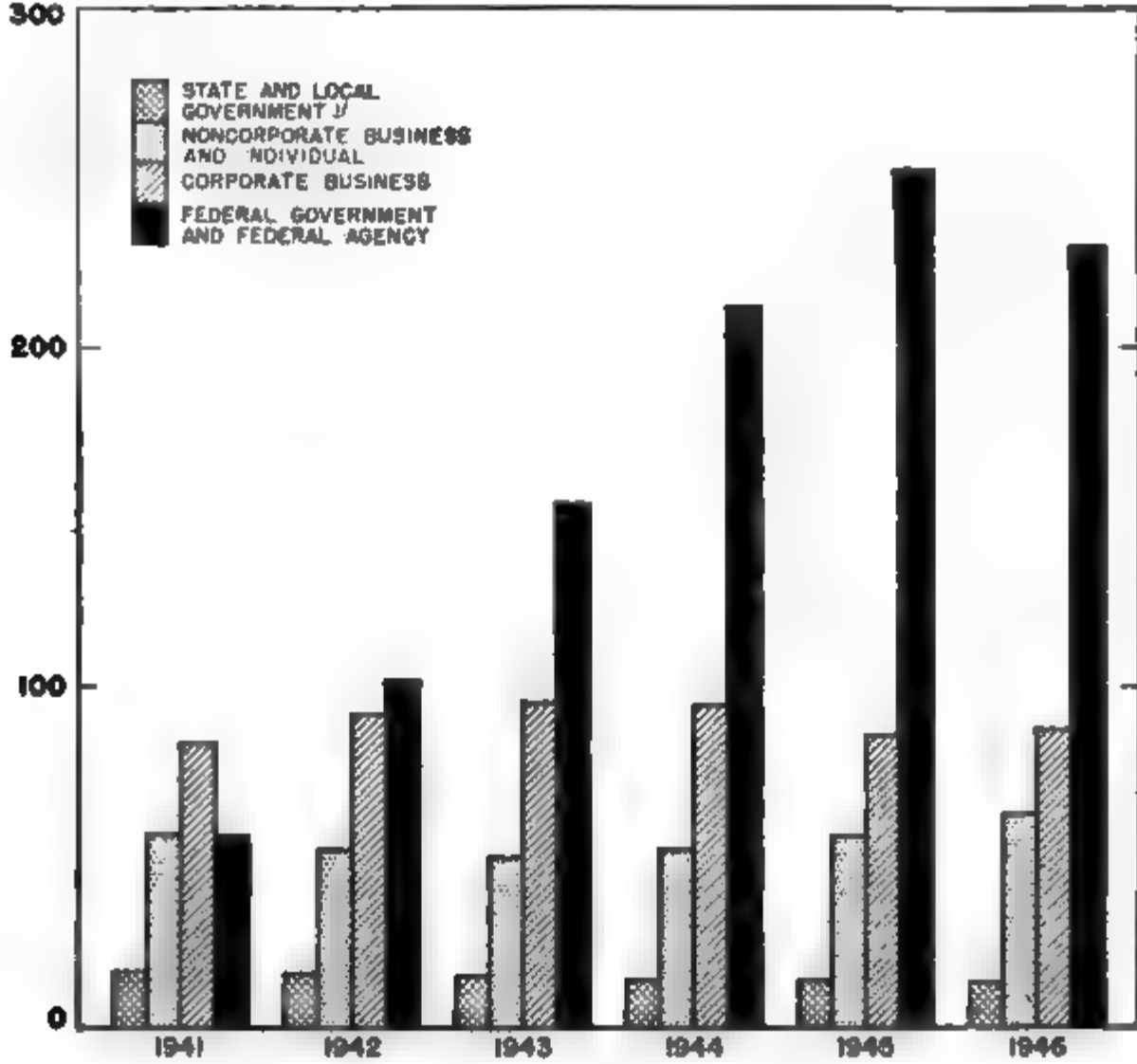


FIGURE M.—NET DEBT, BY COMPONENT PARTS, ON DECEMBER 31: 1941 TO 1946  
BILLIONS OF DOLLARS



<sup>1</sup> Data are as of June 30.  
Source of figures L and M: Department of Commerce, Bureau of Foreign and Domestic Commerce.



No. 845.—RECEIPTS, EXPENDITURES, AND SURPLUS OR DEFICIT OF THE NATIONAL GOVERNMENT: 1789 TO 1947

[In thousands of dollars. On basis of warrants issued from 1789 through 1915, and thereafter on basis of daily Treasury statements except as noted. General, special, emergency, and trust accounts combined from 1789 through 1930; and thereafter trust accounts excluded. For explanation of bases and accounts, see general note on p. 318. For expenditures from trust accounts, etc., for 1946 and 1947, see table 346]

YEARLY AVERAGE OR YEAR ENDING JUNE 30—	RECEIPTS							Surplus (+) or deficit (—), re- ceipts com- pared with expendi- tures
	Total	Customs <sup>1</sup>	Internal revenue		Sales of pub- lic lands <sup>2</sup>	Surplus postal re- ceipts	Other receipts	
			Income and profits taxes	Other				
1789-1800 <sup>3</sup> .....	5,717	5,020	.....	<sup>4</sup> 375	<sup>4</sup> 9	<sup>4</sup> 30	283	-59
1801-1810 <sup>3</sup> .....	13,056	12,046	.....	201	457	<sup>4</sup> 22	330	+3,970
1811-1820 <sup>3</sup> .....	21,032	16,383	.....	1,545	1,624	51	1,430	-2,911
1821-1830 <sup>3</sup> .....	21,923	19,852	.....	32	1,389	( <sup>5</sup> )	650	+5,761
1831-1840 <sup>3</sup> .....	30,461	20,470	.....	5	7,452	( <sup>5</sup> )	2,533	+5,966
1841-1850 <sup>3</sup> .....	28,545	25,649	.....	<sup>4</sup> 1	2,085	.....	809	-5,553
1851-1860.....	60,237	54,498	.....	.....	4,583	.....	1,157	+74
1861-1865.....	160,907	68,989	<sup>7</sup> 28,005	<sup>4</sup> 54,566	555	.....	19,994	-522,878
1866-1870.....	447,301	178,903	50,604	171,316	2,110	.....	44,368	+69,659
1871-1875.....	336,830	186,200	7,760	112,217	2,223	.....	28,429	+49,370
1876-1880.....	288,124	146,594	( <sup>5</sup> )	116,697	1,025	.....	23,808	+32,526
1881-1885.....	366,961	201,963	<sup>6</sup> 29	132,102	6,086	.....	26,799	+109,270
1886-1890.....	375,448	216,557	.....	126,683	8,097	.....	24,111	+96,314
1891-1895.....	352,891	176,861	<sup>6</sup> 77	150,228	2,650	.....	23,136	-10,708
1896-1900.....	434,877	185,089	.....	206,623	1,526	.....	41,639	-22,574
1901-1905.....	559,481	260,117	.....	255,374	5,670	.....	38,321	+23,922
1906-1910.....	628,508	310,599	<sup>10</sup> 20,952	257,145	7,310	.....	49,265	-10,670
1911-1915.....	710,227	289,363	49,738	307,116	3,755	<sup>11</sup> 3,650	58,796	-10,025
1916-1920.....	3,433,653	225,301	1,952,471	893,212	1,813	<sup>12</sup> 37,287	381,065	-4,599,259
1921-1925.....	4,306,673	464,027	2,111,093	1,052,604	846	<sup>12</sup> 81,494	678,087	+293,211
1926.....	3,962,756	579,430	1,982,040	855,599	754	.....	544,932	+377,768
1927.....	4,129,394	605,500	2,224,993	644,422	621	.....	653,859	+635,810
1928.....	4,042,348	568,986	2,173,953	621,019	385	.....	678,006	+398,828
1929.....	4,033,250	602,263	2,330,712	607,308	315	.....	492,653	+184,787
1930.....	4,177,942	587,001	2,410,987	628,308	396	.....	551,250	+183,789
1931.....	3,189,639	378,354	1,860,394	569,387	230	.....	381,273	-901,959
1932.....	2,005,725	327,755	1,057,336	503,670	170	.....	116,794	-2,942,051
1933.....	2,079,697	250,750	746,206	858,218	103	.....	224,420	-2,245,453
1934.....	3,115,554	313,434	817,961	1,822,642	99	.....	161,417	-3,255,393
1935.....	3,800,467	343,353	1,099,119	2,178,571	87	.....	179,337	-3,782,966
1936.....	4,115,957	386,812	1,426,575	2,086,276	74	.....	216,219	-4,952,929
1937.....	<sup>14</sup> 5,028,840	486,357	2,163,414	<sup>14</sup> 2,168,726	71	.....	210,272	-3,252,540
1938.....	<sup>14</sup> 5,854,661	359,187	2,640,285	<sup>14</sup> 2,647,034	96	.....	208,060	-1,449,626
1939.....	<sup>14</sup> 5,164,824	318,837	2,188,757	<sup>14</sup> 2,469,464	248	.....	187,517	-3,600,514
1940.....	<sup>14</sup> 5,387,125	348,691	2,125,325	<sup>14</sup> 2,640,098	117	.....	272,995	-3,740,249
1941.....	<sup>14</sup> 7,607,212	391,870	3,469,638	<sup>14</sup> 3,230,736	178	.....	514,789	-5,167,678
1942.....	<sup>14</sup> 12,799,062	388,948	7,960,465	<sup>14</sup> 4,163,800	90	.....	285,759	-19,692,246
1943.....	<sup>14</sup> 22,281,643	324,291	16,093,669	<sup>14</sup> 4,947,297	129	.....	916,257	-55,900,706
1944.....	<sup>14</sup> 44,148,927	431,252	34,654,852	<sup>14</sup> 5,770,620	99	1,000	3,291,103	-49,594,588
1945.....	<sup>14</sup> 46,456,555	354,776	35,173,051	<sup>14</sup> 7,445,981	184	188,103	3,294,460	-53,948,042
1946.....	<sup>14</sup> 43,037,799	435,475	30,884,796	<sup>14</sup> 8,224,746	127	.....	3,492,655	-20,676,175
1947.....	<sup>14</sup> 43,258,833	494,078	29,305,568	<sup>14</sup> 8,629,970	143	12,000	4,817,074	+753,788

<sup>1</sup> Includes tonnage tax prior to 1932. Beginning 1932, tonnage tax is included in other receipts.

<sup>2</sup> On basis of warrants issued 1789 through 1930; thereafter, on basis of checks issued.

<sup>3</sup> Average for period Mar. 4, 1789, through Dec. 31, 1800.

<sup>4</sup> Averages are for entire period though there were no amounts under these items for certain years.

<sup>5</sup> Years ended Dec. 31, 1801, to 1842; average for 1841-50 is for period Jan. 1, 1841, through June 30, 1850.

<sup>6</sup> Less than \$500.

<sup>7</sup> Average for 1863-65.

<sup>8</sup> Average for 1881 and 1884.

<sup>9</sup> One year only, 1895.

<sup>10</sup> One year only, 1910.

<sup>11</sup> Average for 1914 and 1915.

<sup>12</sup> Average for 1917-20.

<sup>13</sup> One year only, 1922.

<sup>14</sup> After deduction of net appropriations to Federal old-age and survivors insurance trust fund.

## No. 845.—RECEIPTS, EXPENDITURES, AND SURPLUS OR DEFICIT OF THE NATIONAL GOVERNMENT: 1789 TO 1947—Continued

[In thousands of dollars]

YEARLY AVERAGE OR YEAR ENDING JUNE 30—	EXPENDITURES								
	Total	Civil and miscella- neous <sup>15</sup>	War depart- ment <sup>16</sup>	Navy depart- ment <sup>16</sup>	In- dians <sup>16</sup>	Pen- sions <sup>16 17</sup>	Postal defi- cien- cies <sup>18</sup>	Interest on the public debt	Statu- tory debt retire- ments (sinking fund, etc.)
1789-1800 <sup>19</sup>	5,776	829	1,464	<sup>20</sup> 745	27	82	-----	2,629	-----
1801-1810 <sup>19</sup>	9,086	1,871	1,632	1,637	164	79	-----	3,704	-----
1811-1820 <sup>19</sup>	23,943	2,589	10,742	4,676	317	741	-----	4,877	-----
1821-1830 <sup>19</sup>	16,162	3,145	3,919	3,295	599	1,248	-----	3,956	-----
1831-1840 <sup>19</sup>	24,495	5,616	8,321	5,042	2,612	2,572	-----	<sup>20</sup> 331	-----
1841-1850 <sup>19</sup>	34,097	7,844	13,491	7,619	1,458	1,790	<sup>20</sup> 195	1,701	-----
1851-1860	60,163	21,233	15,784	11,997	3,267	1,531	<sup>20</sup> 3,574	2,776	-----
1861-1865	683,785	25,894	547,753	65,330	3,203	4,858	2,146	34,601	-----
1866-1870	377,642	54,525	127,816	28,383	4,488	23,428	<sup>20</sup> 3,562	135,441	-----
1871-1875	287,460	69,152	40,186	23,327	7,504	30,166	5,544	111,580	-----
1876-1880	255,598	56,819	37,170	15,990	5,405	35,051	4,972	100,191	-----
1881-1885	257,691	68,256	43,010	15,863	7,328	57,790	<sup>20</sup> 1,702	63,742	-----
1886-1890	279,134	82,365	40,085	17,872	6,429	82,657	5,699	44,027	-----
1891-1895	363,599	97,048	50,326	29,185	10,651	140,186	6,801	29,402	-----
1896-1900	457,451	97,171	111,278	48,086	11,832	141,642	9,279	38,164	-----
1901-1905	535,559	129,897	133,362	86,287	11,711	140,114	6,339	27,849	-----
1906-1910	639,178	155,679	169,050	112,872	15,338	151,329	12,237	22,673	-----
1911-1915	720,253	177,392	198,792	134,062	20,744	164,897	<sup>21</sup> 3,077	22,519	-----
1916-1920	8,082,912	3,375,797	3,212,420	882,132	30,833	187,143	<sup>22</sup> 2,045	375,371	<sup>23</sup> 29,298
1921-1925	4,013,462	1,297,889	540,176	427,748	42,125	244,784	52,571	973,696	434,473
1926	3,584,988	1,293,703	364,090	312,743	48,442	207,190	39,506	831,938	487,376
1927	3,493,585	1,204,376	369,114	318,909	36,792	230,556	27,263	787,020	519,555
1928	3,643,520	1,340,703	400,990	331,335	36,991	229,401	32,080	731,764	540,255
1929	3,848,463	1,471,453	425,947	364,562	34,087	229,781	94,700	678,330	549,604
1930	3,994,152	1,597,512	464,854	374,166	32,067	220,609	91,714	659,348	553,884
1931	4,091,598	1,800,641	478,419	354,071	26,779	234,403	145,644	611,560	440,082
1932	4,947,777	2,640,525	476,305	357,518	26,125	232,521	202,876	599,277	412,630
1933	4,325,150	2,015,093	434,621	349,373	22,722	234,990	117,380	689,365	461,005
1934	6,370,947	4,154,254	408,587	296,927	23,373	319,322	52,003	756,617	359,864
1935	7,583,434	4,798,994	487,995	436,266	27,919	373,805	63,970	820,926	573,558
1936	9,068,886	6,254,799	618,587	528,882	28,876	399,066	86,039	749,397	403,240
1937	8,281,380	5,651,369	628,104	556,674	36,933	396,047	41,897	866,384	103,971
1938	7,304,287	4,591,732	644,264	596,130	33,378	402,779	44,259	926,281	65,465
1939	8,765,338	5,893,651	695,256	672,722	46,964	416,721	41,237	940,540	58,246
1940	9,127,374	5,650,740	907,160	891,485	<sup>24</sup> 37,821	429,178	40,870	1,040,936	129,184
1941	12,774,890	4,851,136	3,938,943	2,313,058	<sup>24</sup> 33,588	433,148	30,064	1,110,693	64,261
1942	32,491,307	7,749,960	14,325,508	8,579,589	<sup>24</sup> 31,839	431,295	18,309	1,260,085	94,722
1943	78,182,349	12,475,133	42,525,563	20,888,349	<sup>24</sup> 24,665	442,394	14,621	1,808,160	3,463
1944	93,743,515	14,661,344	49,438,330	26,537,634	<sup>24</sup> 31,266	494,959	<sup>25</sup> 29,000	2,608,980	2
1945	100,404,597	15,448,135	50,490,102	30,047,152	<sup>24</sup> 29,680	772,190	650	3,616,686	2
1946	<sup>26</sup> 63,713,973	<sup>26</sup> 14,387,007	27,986,769	15,160,754	<sup>24</sup> 35,495	1,261,415	160,572	4,721,958	4
1947	<sup>26</sup> 42,505,046	<sup>26</sup> 20,720,304	9,043,196	5,575,240	<sup>24</sup> 37,369	1,929,226	241,787	4,957,922	-----

<sup>15</sup> Civil expenditures under War and Navy Departments at Washington are included in "Civil and miscellaneous" prior to 1916; for 1916 and thereafter, under the War and Navy Departments, respectively. War Department includes expenditures for rivers and harbors and Panama Canal.

<sup>16</sup> On basis of warrants issued from 1789 through 1930; thereafter on basis of checks issued.

<sup>17</sup> Includes only Army and Navy pensions for service prior to World War I, and fees for examining surgeons in Pension Bureau. Excludes payments made by War Risk Insurance Bureau and Veterans' Bureau to veterans of World War I and salaries under Bureau of Pensions, which are included in civil and miscellaneous expenditures.

<sup>18</sup> On basis of warrants issued prior to 1922. Excludes amounts transferred to civil service retirement and disability fund.

<sup>19</sup> See notes on corresponding periods, p. 321.

<sup>20</sup> See note 4, p. 321.

<sup>21</sup> Average for 1912, 1913, 1915.

<sup>22</sup> Average for 1916, 1918-20.

<sup>23</sup> Average for 1918-20.

<sup>24</sup> Excludes interest accounts which are included in trust fund expenditures.

<sup>25</sup> Excess of credits (deduct).

<sup>26</sup> Includes Government corporation (wholly owned), etc.

Source: Treasury Department, Annual Report of the Secretary; annual and current data appear in Daily Statement of the U. S. Treasury.

**No. 846.—RECEIPTS AND EXPENDITURES OF THE NATIONAL GOVERNMENT, BY  
DETAILED CLASSIFICATIONS: 1946 AND 1947**

[In thousands of dollars. For years ending June 30. On basis of daily Treasury statements. See general note,  
p. 318]

ITEM	1946	1947
<b>BUDGET RECEIPTS AND EXPENDITURES</b>		
Budget surplus (+) or deficit (—), including statutory debt retirements.....	—20, 676, 175	+753, 788
Net budget receipts.....	43, 037, 799	43, 258, 833
Total budget expenditures, including statutory debt retirements.....	63, 713, 973	42, 505, 046
<b>Budget receipts, total.....</b>	<b>44, 238, 590</b>	<b>44, 762, 703</b>
Internal revenue.....	40, 310, 333	39, 379, 409
Income tax.....	30, 884, 796	29, 305, 568
Miscellaneous internal revenue.....	7, 724, 778	8, 049, 468
Social Security taxes.....	1, 418, 149	1, 644, 315
Taxes upon carriers and their employees.....	282, 610	380, 057
Railroad unemployment insurance contributions.....	12, 912	14, 174
Customs.....	435, 475	494, 078
Surplus property (act Oct. 3, 1944).....	500, 879	2, 885, 797
Principal and interest—foreign obligations.....	425	424
Proceeds of other government-owned securities.....	144, 995	259, 300
Panama Canal tolls, etc.....	20, 654	21, 234
Seigniorage.....	53, 514	60, 108
Surplus postal revenues.....		12, 000
Other.....	2, 759, 405	1, 576, 179
Deduct net appropriations to Federal old-age and survivors insurance trust fund.....	1, 200, 792	1, 443, 870
<b>Net budget receipts.....</b>	<b>43, 037, 799</b>	<b>43, 258, 833</b>
<b>Budget expenditures, total (including statutory debt retirements).....</b>	<b>63, 713, 973</b>	<b>42, 505, 046</b>
<b>General budget expenditures, total.....</b>	<b>14, 553, 511</b>	<b>24, 322, 825</b>
Agriculture Department.....	1, 007, 008	2, 322, 957
Farm Credit Administration and agencies.....	167, 608	157, 488
Federal Farm Mortgage Corporation.....	49, 994	49, 000
Federal land banks.....	114, 987	76, 832
Other.....	3, 621	11, 606
Farmers' Home Administration.....	30, 369	43, 936
Production and Marketing Administration.....	973, 105	2, 175, 715
Administration of Sugar Act of 1937.....	57, 281	57, 159
Commodity Credit Corporation.....	500, 000	1, 563, 289
Conservation and use of agricultural land resources.....	252, 399	330, 119
Exportation and domestic consumption of agricultural commodities.....	73, 922	152, 351
Federal Crop Insurance Act.....	33, 334	24, 563
Local Administration, Sec. 388, Agricultural Adjustment Act of 1938.....	28, 300	22, 000
National-State expenses, Sec. 392, Agricultural Adjustment Act of 1938.....	11, 392	12, 243
Parity Payments and Price Adjustment Act of 1938.....	7	288
Salaries and expenses, Marketing Service.....	16, 429	13, 663
Other.....	41	39
Rural Electrification Administration.....	11, 190	9, 053
Other.....	159, 948	230, 668
Unclassified.....	1	1, 074
Bretton Woods Agreements Act.....	158, 750	1, 426, 250
Commerce Department.....	98, 402	149, 364
Civil Aeronautics activities.....	47, 581	84, 020
Other.....	50, 821	65, 344
Credit to United Kingdom.....		2, 050, 000
Export-Import Bank of Washington—capital stock.....	674, 000	325, 000
Federal Security Agency.....	624, 131	911, 376
Social Security Administration.....	515, 784	716, 300
Administrative expenses.....	29, 341	12, 425
Grants to States (social security).....	486, 444	703, 870
Other.....		4
Other.....	108, 346	195, 076
Federal Works Agency.....	121, 662	315, 452
Public Buildings Administration.....	56, 774	79, 503
Public Roads Administration.....	46, 349	187, 409
Other.....	18, 539	48, 541
Interior Department.....	160, 645	259, 721
Reclamation projects.....	61, 068	123, 544
Other.....	99, 576	136, 177
Justice Department.....	72, 161	101, 017
Labor Department.....	22, 403	107, 340
National Housing Agency.....	40, 315	385, 127
Federal Public Housing Authority.....	37, 044	377, 160
Other.....	3, 272	7, 966
Panama Canal.....	17, 622	19, 633
Post Office Department (deficiency).....	160, 572	241, 787
Current year.....	160, 000	260, 000
Prior years.....	572	18, 213
Railroad Retirement Board.....	5, 881	8, 752

For footnotes, see p. 325.

# No. 846.—RECEIPTS AND EXPENDITURES OF THE NATIONAL GOVERNMENT, BY DETAILED CLASSIFICATIONS: 1946 AND 1947—Continued

[In thousands of dollars. For years ending June 30]

ITEM	1946	1947
<b>BUDGET RECEIPTS AND EXPENDITURES—CON.</b>		
<b>General budget expenditures—Continued</b>		
River and harbor work and flood control.....	167,750	222,285
State Department.....	51,207	114,705
Tennessee Valley Authority.....	29,054	24,826
Treasury Department.....	8,099,067	8,532,321
Coast Guard <sup>2</sup> .....		123,532
Interest on the public debt.....	4,721,958	4,957,922
Refunds of taxes and duties.....	3,034,464	3,049,575
Customs.....	11,225	17,480
Internal revenue.....	3,022,646	3,029,974
Processing tax on farm products.....	594	2,119
Unclassified.....	( <sup>3</sup> )	1
Other.....	342,645	401,292
Veterans' Administration.....	2,871,202	6,442,287
Benefits under Servicemen's Readjustment Act.....	1,266,601	3,593,503
Pensions and compensations.....	1,218,202	1,909,905
Other.....	386,398	938,878
Other agencies.....	176,679	362,625
Executive Office.....	3,148	5,444
Bureau of the Budget.....	2,521	3,576
Other.....	627	1,868
Independent offices and commissions.....	127,866	296,725
Judicial.....	14,815	17,324
Legislative establishment.....	22,816	39,098
Post Office Department (excluding deficiencies and expenditures from postal revenues).....	8,598	3,818
Unclassified.....	<sup>1</sup> 641	<sup>1</sup> 455
Adjustment for disbursing officers' checks outstanding.....	77	51
<b>National defense and related activities, total <sup>4</sup>.....</b>	<b>48,541,675</b>	<b>17,141,692</b>
Agriculture Department <sup>5</sup> .....	1,041,499	<sup>1</sup> 174,416
Navy Department.....	15,160,754	5,575,240
Payments for United Nations relief and rehabilitation.....	664,222	1,500,551
Selective Service (administrative expenses).....	52,158	33,785
Surplus property disposal agencies.....	105,880	442,111
Treasury Department.....	695,400	158,243
United States Maritime Commission.....	693,666	271,329
War Department.....	27,799,829	8,798,700
War Shipping Administration.....	1,366,701	73,994
Other.....	961,566	462,156
Aid to China.....	119,594	
Commerce Department <sup>6</sup> .....	26,255	18,398
Executive Department.....	369,670	168,241
Office for Emergency Management.....	197,285	110,482
Other.....	172,384	57,759
Federal Security Agency <sup>7</sup> .....	59,767	16,451
Office of Education.....	<sup>1</sup> 1,019	56
Other.....	60,786	16,395
Federal Works Agency <sup>8</sup> .....	91,180	39,753
Public Roads Administration.....	29,051	26,713
Public Works (community facilities).....	57,021	16,105
Other.....	5,107	<sup>1</sup> 3,065
Justice Department <sup>9</sup> .....	32,291	25,232
National Housing Agency <sup>9</sup> .....	79,784	99,304
Smaller War Plants Corporation—capital stock.....	9,328	
Other <sup>8</sup> .....	173,699	94,778
<b>Transfers to trust accounts, etc., total.....</b>	<b>1,918,442</b>	<b>1,354,885</b>
Employees retirement funds (United States share).....	247,317	222,545
National service life insurance fund.....	1,381,406	816,662
Railroad retirement account.....	291,913	298,463
Other.....	<sup>1</sup> 2,194	17,215
Federal contribution to District of Columbia.....	6,000	8,000
Railroad unemployment insurance administration fund transfers to unemployment trust fund (act Oct. 10, 1940).....	9,618	9,215
Surplus commodity stamps, Agriculture.....	<sup>1</sup> 17,812	
<b>Government corporations (wholly owned), etc., (net), total <sup>1</sup>.....</b>	<b><sup>1</sup> 1,304,659</b>	<b><sup>1</sup> 314,357</b>
Commodity Credit Corporation.....	<sup>1</sup> 1,044,035	<sup>1</sup> 1,075,521
Export-Import Bank of Washington.....	<sup>1</sup> 105,695	613,305
Federal Housing Administration.....	<sup>1</sup> 19,565	<sup>1</sup> 1,254
Federal Public Housing Authority.....	835	1,038
Home Owners' Loan Corporation.....	<sup>1</sup> 275,298	<sup>1</sup> 201,688
Reconstruction Finance Corporation.....	304,931	353,096
Rural Electrification Administration.....	<sup>1</sup> 6,598	<sup>1</sup> 30,158
Other.....	<sup>1</sup> 159,235	26,825
<b>Statutory debt retirements: Estate taxes, forfeitures, gifts, etc.....</b>	<b>4</b>	

For footnotes, see p. 325.

No. 846.—RECEIPTS AND EXPENDITURES OF THE NATIONAL GOVERNMENT, BY  
DETAILED CLASSIFICATIONS: 1946 AND 1947—Continued

[In thousands of dollars. For years ending June 30]

ITEM	1946	1947
<b>TRUST ACCOUNTS, ETC.</b>		
Excess of receipts (+) or expenditures (—).....	—523, 587	—547, 818
Trust account receipts.....	7, 674, 854	6, 228, 405
Trust account expenditures.....	8, 198, 442	6, 776, 223
Receipts, total.....	7, 674, 854	6, 228, 405
Federal old-age and survivors insurance trust fund.....	1, 348, 557	1, 607, 836
National service life insurance fund.....	2, 350, 986	1, 504, 131
Railroad retirement account.....	311, 794	322, 650
Unemployment trust fund.....	1, 279, 779	1, 289, 398
Other trust accounts.....	2, 135, 902	1, 502, 880
Adjusted service certificate fund.....	560	504
Alaska Railroad retirement fund.....	588	635
Canal Zone retirement fund.....	2, 714	2, 744
Civil service retirement fund.....	609, 715	573, 048
District of Columbia.....	71, 725	79, 705
Foreign Service retirement fund.....	1, 426	1, 741
Government life insurance fund.....	102, 974	134, 028
Indian tribal funds.....	13, 381	10, 139
Insular possessions.....	152	140
Other.....	1, 332, 667	700, 196
Increment resulting from reduction in weight of gold dollar.....	99	80
Seigniorage.....	248, 298	
Unclassified.....	<sup>1</sup> 563	1, 930
Expenditures, total.....	8, 198, 442	6, 776, 223
Federal old-age and survivors insurance trust fund <sup>7</sup> .....	1, 322, 963	1, 644, 348
National service life insurance fund.....	2, 332, 327	1, 515, 514
Railroad retirement account.....	308, 459	321, 777
Unemployment trust fund.....	1, 247, 743	1, 312, 474
Other trust accounts.....	2, 245, 382	1, 806, 539
Adjusted service certificate fund.....	1, 879	848
Alaska Railroad retirement fund.....	670	649
Canal Zone retirement fund.....	2, 743	2, 975
Civil service retirement fund.....	570, 692	600, 342
District of Columbia.....	77, 610	85, 337
Foreign Service retirement fund.....	1, 485	1, 729
Government life insurance fund.....	97, 494	127, 878
Indian tribal funds.....	6, 969	9, 977
Other.....	1, 485, 841	976, 804
Chargeable against increment on gold—Melting losses, etc.....	1	1
Unclassified.....	1	6
Special deposits (net).....	646, 653	371, 510
Sales and redemption of obligations of Government corporations, etc., in the market (net).....	94, 912	358, 760
Guaranteed by the United States.....	160, 435	386, 865
Not guaranteed by the United States.....	<sup>1</sup> 65, 523	<sup>1</sup> 28, 104
Clearing account for outstanding checks.....		<sup>1</sup> 554, 707

<sup>1</sup> Deduct.

<sup>2</sup> Expenditures during fiscal year 1946 were included under Navy Department.

<sup>3</sup> Less than \$500.

<sup>4</sup> Additional expenditures attributable to national defense and related activities, payable from funds which have supplemented regular appropriations of the civil establishment, are included under general expenditures. Also, with transition from war to peace, certain war-related expenditures formerly classified as war and defense activities in Daily Statements of United States Treasury, principally Coast Guard, which was part of Navy, and U. S. Employment Service, whose functions were exercised by War Manpower Commission during war years, are shown as general expenditures commencing July 1, 1946.

<sup>5</sup> Additional expenditures included in corresponding captions under general expenditures.

<sup>6</sup> Sales and redemptions in market of obligations of Government corporations and agencies are shown under trust accounts.

<sup>7</sup> Under Labor-Federal Security Appropriation Act, 1947, salaries for Bureau of Old-Age and Survivors Insurance are payable directly from Federal old-age and survivors insurance trust fund. Prior to July 1, 1946, such payments were included in general expenditures under "Federal Security Agency: Social Security Administration: administrative expenses," a corresponding amount being included as a deduction from appropriations to Federal old-age and survivors insurance trust fund.

Source: Treasury Department, Annual Report of the Secretary and Daily Statement for July 15, 1947.



No. 847.—BUDGET RECEIPTS AND EXPENDITURES OF THE NATIONAL GOVERNMENT, BY FUNCTION: 1940 TO 1947

[In millions of dollars. For years ending June 30]

SOURCE AND FUNCTION	1940	1941	1942	1943	1944	1945	1946	1947
Excess of budget expenditures.....	3,910	6,160	21,491	57,420	51,424	53,941	20,676	-----
Excess of budget receipts.....								754
Total budget receipts.....	5,387	7,607	12,799	22,282	44,149	46,457	43,038	43,289
Total budget expenditures.....	9,297	13,767	34,290	79,702	95,573	100,398	63,714	42,586
BUDGET RECEIPTS								
Budget receipts, total.....	5,387	7,607	12,799	22,282	44,149	46,457	43,038	43,289
Direct taxes on individuals.....	1,342	1,824	3,096	6,953	20,290	19,789	19,008	20,408
Direct taxes on corporations.....	1,272	2,211	5,021	9,916	15,256	16,399	12,906	9,676
Excise taxes.....	1,875	2,390	3,128	3,777	4,400	5,934	6,696	7,270
Employment taxes.....	838	932	1,194	1,508	1,751	1,793	1,714	2,039
Customs.....	349	392	389	324	431	355	435	494
Miscellaneous receipts.....	279	536	304	934	3,313	3,497	3,517	4,831
Adjustment to daily Treasury statement basis.....	-18	+10	-37	-----	-----	-----	-----	-----
Deduct: Net appropriation to Federal old-age and survivors insurance trust fund.....	550	688	896	1,190	1,292	1,310	1,238	1,459
BUDGET EXPENDITURES								
Budget expenditures, total.....	9,297	13,767	34,290	79,702	95,573	100,398	63,714	42,586
National defense.....	1,497	6,369	26,846	70,048	83,735	84,530	45,102	14,280
Veterans' services and benefits.....	551	564	556	605	744	2,094	4,414	7,370
International affairs and finance.....	50	140	632	166	243	677	1,464	6,540
Social welfare, health, and security.....	3,147	2,624	1,990	1,438	1,054	1,063	1,112	1,379
Housing and community facilities.....	28	256	208	302	308	183	181	403
Education and general research.....	64	66	57	56	99	161	92	76
Agriculture and agricultural resources.....	1,574	1,315	1,498	603	1,204	1,611	749	1,248
Natural resources not primarily agricultural.....	352	358	440	406	325	246	256	628
Transportation and communication.....	556	492	1,136	3,601	4,344	3,407	824	567
Finance, commerce, and industry.....	-----	2	35	264	172	106	30	257
Labor.....	11	78	132	176	173	157	104	120
General government.....	343	394	329	341	656	919	884	1,318
Interest on the public debt.....	1,041	1,111	1,260	1,813	2,610	3,622	4,748	4,956
Refunds of receipts.....	91	90	95	80	295	1,817	3,119	2,697
Adjustment to daily Treasury statement basis.....	-8	-92	-924	-197	-389	+151	+997	+464

<sup>1</sup> Excess of credits (deduct).

Source: Bureau of the Budget. The Budget of the United States Government, 1949.



**No. 848.—APPROPRIATIONS FOR FEDERAL AGENCIES AND APPROPRIATIONS REPEALED OR CARRIED TO SURPLUS, BY ORGANIZATION UNITS: 1945, 1946, AND 1947**

In thousands of dollars. For years ending June 30. Repealed appropriations and amounts carried to surplus, while effective during period reported, are applicable to appropriations for prior fiscal years.]

ORGANIZATION UNIT	GENERAL AND SPECIAL ACCOUNTS (EXCLUDES TRUST ACCOUNTS)					
	Appropriations <sup>1</sup>			Appropriations repealed or carried to surplus		
	1945	1946	1947	1945	1946	1947
<b>Grand total.....</b>	<b>69,564,079</b>	<b>69,118,529</b>	<b>87,969,869</b>	<b>7,186,136</b>	<b>66,914,626</b>	<b>4,069,167</b>
<b>Legislative branch.....</b>	<b>49,562</b>	<b>56,770</b>	<b>62,517</b>	<b>21,560</b>	.....	.....
The Judiciary.....	12,620	15,856	17,935	588	.....	.....
<b>Executive Office of the President and independent offices, total.....</b>	<b>14,267,260</b>	<b>11,104,234</b>	<b>12,348,064</b>	<b>3,215,499</b>	<b>5,542,782</b>	<b>984,881</b>
Executive Office of the President.....	1,223,701	657,022	133,573	100,853	905,415	13,354
Funds appropriated to the President.....	4,022,471	4,448,386	3,457,159	5,021	3,401,551	2,500
Civil Service Commission.....	219,019	265,992	236,797	1,330	2,032	.....
General Accounting Office.....	88,480	41,964	40,300	1,175	.....	.....
National Advisory Committee for Aeronautics.....	40,942	26,014	30,720	245	2,000	.....
Office of War Mobilization and Reconversion.....	1,196	( <sup>2</sup> )	.....	.....	.....	.....
Railroad Retirement Board.....	324,580	307,523	317,384	197	.....	.....
Selective Service System.....	62,502	52,000	.....	.....	4,058	.....
Tennessee Valley Authority.....	.....	9,648	39,906	.....	.....	.....
United States Maritime Commission.....	6,766,000	437,583	144,747	3,100,000	1,175,026	877,982
Veterans' Administration.....	1,517,209	4,790,630	8,362,918	4,585	.....	50,000
Other independent offices.....	51,178	73,872	604,259	2,143	52,068	40,196
<b>Federal Security Agency.....</b>	<b>658,033</b>	<b>749,568</b>	<b>884,925</b>	<b>45,580</b>	<b>17,937</b>	<b>1,075</b>
<b>Federal Works Agency.....</b>	<b>300,623</b>	<b>286,755</b>	<b>422,445</b>	<b>116,967</b>	<b>22,693</b>	<b>7,960</b>
<b>Housing and Home Finance Agency.....</b>	<b>118,804</b>	<b>458,827</b>	<b>136,162</b>	<b>2,224</b>	<b>127,727</b>	<b>3,301</b>
<b>Department of Agriculture.....</b>	<b>720,137</b>	<b>776,717</b>	<b>778,908</b>	<b>81,747</b>	<b>33,567</b>	<b>49,720</b>
Department of Commerce.....	88,313	106,469	200,112	20,687	5,011	75
Department of the Interior.....	170,574	248,817	290,408	7,093	6,768	900
Department of Justice.....	117,866	106,650	112,066	2,056	1,640	1,019
Department of Labor.....	71,889	82,289	140,490	398	8,175	2,212
Department of the Navy.....	29,514,080	23,010,931	4,180,609	3,497,344	15,476,402	1,534,169
Department of State.....	55,340	102,345	193,269	2,050	112	.....
<b>Treasury Department, total.....</b>	<b>6,785,446</b>	<b>8,778,630</b>	<b>8,546,165</b>	<b>37,584</b>	<b>2,267,587</b>	<b>21,579</b>
Refunds of receipts.....	1,873,436	3,115,558	2,028,386	.....	.....	.....
Interest on the public debt.....	3,621,948	4,747,492	4,958,027	.....	.....	.....
Other.....	1,290,062	913,580	659,752	.....	.....	.....
<b>Department of the Army, total.....</b>	<b>15,552,794</b>	<b>21,871,130</b>	<b>3,377,339</b>	<b>73,899</b>	<b>33,378,698</b>	<b>1,462,776</b>
Military functions.....	15,437,012	21,503,863	7,306,457	73,856	33,371,698	23,809
Civil functions.....	115,782	367,177	1,071,882	33	5,000	1,438,967
District of Columbia (Federal contributions).....	6,000	6,000	6,000	.....	.....	.....
Post Office Department (appropriated from postal revenues).....	1,174,019	1,391,741	1,298,435	16,034	.....	.....
Reimbursement of administrative expenses, Social Security Act.....	.....	.....	.....	25,960	37,427	.....

<sup>1</sup> Includes annual, continuing, and permanent appropriations; excludes contract authorizations, reappropriations, and, for 1946 and 1947, debt transactions.

<sup>2</sup> Included in Executive Office of the President, \$213,955,000.

<sup>3</sup> Omits appropriation from general fund, for deficiency: 1946, \$160,576,000; 1947, \$260,060,000.

Source: Bureau of the Budget. Compiled from records of Bureau of Budget and Combined Statement of Receipts and Expenditures, etc., of Treasury Department.

**No. 849.—TOTAL INTERNAL REVENUE COLLECTIONS: 1863 TO 1947**

[In thousands of dollars. For years ending June 30. Data differ from those in tables 345 and 346 which represent deposits of these collections in Treasury or depositories during fiscal years concerned, there being thus an overlapping of time]

YEAR	Amount	YEAR	Amount	YEAR	Amount	YEAR	Amount
1863 <sup>1</sup>	41,003	1885	112,421	1908	249,103	1927	2,865,683
1864	116,966	1886	116,903	1907	269,664	1928	2,790,536
1865	210,656	1887	118,827	1906	251,666	1929	2,939,054
1866	310,120	1888	124,326	1905	246,213	1930	3,040,146
1867	265,065	1889	130,894	1910	289,957	1931	2,426,229
1868	198,375	1890	142,595	1911	322,326	1932	1,557,729
1869	189,124	1891	146,035	1912	321,616	1933	1,619,839
1870	184,303	1892	153,858	1913	344,424	1934	2,672,239
1871	143,198	1893	161,005	1914	330,009	1935	3,299,436
1872	130,690	1894	167,168	1915	415,681	1936	3,620,208
1873	113,504	1895	143,246	1916	512,723	1937	4,652,193
1874	102,191	1896	146,831	1917	809,394	1938	5,658,765
1875	110,072	1897	146,820	1918	3,096,956	1939	5,181,574
1876	116,798	1898	170,867	1919	3,850,150	1940	5,340,462
1877	118,549	1899	273,485	1920	5,407,580	1941	7,370,108
1878	110,654	1900	295,316	1921	4,595,357	1942	13,047,869
1879	113,450	1901	306,872	1922	3,197,451	1943	22,371,286
1880	123,062	1902	271,868	1923	2,621,745	1944	40,121,760
1881	135,230	1903	230,741	1924	2,796,179	1945	43,800,389
1882	146,523	1904	232,904	1925	2,584,140	1946	40,672,097
1883	144,553	1905	234,188	1926	2,836,000	1947	39,108,386
1884	121,590						

<sup>1</sup> Period Sept. 1, 1862 to June 30, 1863.

Source: Treasury Department, Bureau of Internal Revenue; Annual Report of the Commissioner.

**No. 850.—INTERNAL REVENUE COLLECTIONS, BY TAX SOURCES: 1919 TO 1947**

[In thousands of dollars. Excludes trust fund receipts, beginning 1935. See headnote, table 349 for difference in figures, tables 345 and 346]

YEAR ENDING JUNE 30	Total	INCOME AND PROFITS			Alcoholic beverage	Tobacco	Estate and gift	Manufac- turers' excise <sup>2</sup>	All other
		Total <sup>1</sup>	Individual income	Corpora- tion in- come, and excess profits (incl un- just enrich- ment) <sup>3</sup>					
1919	3,850,150	2,600,754	(2)	(2)	483,051	206,003	82,030	79,400	308,862
1920	5,407,580	3,956,936	(2)	(2)	139,871	295,809	103,636	267,969	643,360
1921	4,595,357	3,228,138	(2)	(2)	82,623	255,219	154,043	229,398	645,935
1922	3,197,451	2,086,918	(2)	(2)	45,609	270,759	139,419	174,361	480,394
1923	2,621,745	1,691,090	(2)	(2)	30,358	309,015	126,705	185,117	279,400
1924	2,796,179	1,841,759	(2)	(2)	27,586	325,639	102,967	200,922	297,307
1925	2,584,140	1,761,659	845,426	916,233	25,905	345,247	106,940	140,877	201,512
1926	2,836,000	1,974,104	879,124	1,094,980	26,452	370,666	110,216	150,220	195,340
1927	2,865,683	2,219,952	911,940	1,308,013	21,196	376,170	100,340	66,850	81,175
1928	2,790,536	2,174,573	882,727	1,291,846	15,308	396,450	60,067	81,982	92,166
1929	2,939,054	2,331,274	1,096,541	1,234,733	12,777	434,445	61,897	5,724	92,908
1930	3,040,146	2,410,259	1,146,845	1,263,414	11,695	450,339	64,770	2,676	100,406
1931	2,426,229	1,860,040	833,648	1,026,393	10,432	444,277	48,078	180	65,252
1932	1,557,729	1,086,757	427,191	659,566	8,704	398,579	47,422	98	46,171
1933	1,619,839	746,791	352,574	394,218	43,174	402,739	34,310	243,000	149,224
1934	2,672,239	819,656	419,509	400,146	258,911	425,169	113,138	385,291	670,073
1935	3,266,316	1,105,788	527,113	578,675	410,926	458,776	212,112	342,145	736,599
1936	3,494,331	1,427,440	674,410	753,030	505,243	500,755	378,840	382,716	299,301
1937	4,634,308	2,179,828	1,091,741	1,088,087	593,831	551,923	305,548	449,854	653,225
1938	5,643,848	2,629,030	1,286,312	1,342,718	567,669	537,777	416,874	416,754	1,045,744
1939	5,162,304	2,185,114	1,028,834	1,156,281	587,006	579,784	360,715	396,891	1,052,284
1940	5,322,771	2,129,609	982,017	1,147,592	624,064	608,073	360,071	447,088	1,153,866
1941	7,351,534	3,471,124	1,417,655	2,053,469	819,899	697,712	407,056	617,373	1,338,397
1942	13,029,915	8,406,884	3,262,800	4,744,083	1,048,165	780,792	432,540	771,902	1,999,632
1943	22,368,724	16,298,888	6,629,932	9,668,956	1,423,480	923,857	447,496	504,748	2,770,256
1944	40,119,510	33,027,802	18,261,006	14,766,796	1,618,045	988,483	511,210	503,462	3,470,508
1945	43,800,338	35,061,526	19,034,313	16,027,213	2,309,864	932,145	643,055	782,511	4,071,237
1946	40,671,922	31,258,133	18,704,538	12,553,602	2,526,162	1,165,519	676,832	922,671	4,122,600
1947	39,108,273	29,020,054	19,343,297	9,676,757	2,474,756	1,237,768	779,291	1,425,395	4,171,009

<sup>1</sup> Includes income tax on Alaska Railroad except for 1935, 1936, and 1937, when these receipts were considered trust fund receipts.

<sup>2</sup> Includes taxes on adulterated, process, or renovated butter, mixed flour, and filled cheese. Excludes taxes on soft drinks.

<sup>3</sup> Not available separately.

Source: Treasury Department, Bureau of Internal Revenue; Annual Report of the Secretary.

**No. 851.—INTERNAL REVENUE COLLECTIONS, BY TAX SOURCES IN DETAIL:  
1946 AND 1947**

[In thousands of dollars. For years ending June 30. Data differ from those in tables 845 and 846, which represent deposits of these collections in Treasury or depositories, during fiscal years concerned, there being thus an overlapping of time.]

TYPE OF TAX	1946	1947	TYPE OF TAX	1946	1947
Internal revenue collections, total	40,671,921	39,106,273	Misc. internal revenue—Continued		
Adjustment for items in transit	-361,580	+271,126	Manufacturers' excise taxes, total	922,671	1,425,366
Receipts on daily Treasury statement basis	40,310,333	39,379,409	Lubricating oils	74,602	82,016
Income and profits taxes, total	31,233,138	29,620,664	Gasoline	406,696	433,676
Individual income taxes, total	18,704,536	19,343,297	Tires and tubes	118,092	174,927
Withheld by employers	9,867,689	9,842,282	Automobile trucks and busses	37,144	62,000
Other	8,846,947	9,501,015	Other automobiles and motorcycles	26,893	204,080
Corporation taxes, total	12,533,602	9,676,757	Parts and accessories for automobiles	66,871	99,932
Income	4,639,949	6,066,96	Electrical energy	59,112	63,014
Excess profits (including unjust enrichment)	7,913,653	3,621,661	Electric, gas, and oil appliances	26,492	66,608
Employment taxes	1,700,828	2,024,366	Electric light bulbs and tubes	17,781	23,180
Miscellaneous internal revenue, total	7,712,956	8,663,864	Radio sets, phonographs, components, etc.	13,366	63,866
Capital stock tax	352,121	1,597	Phonograph records	3,902	8,492
Estate tax	629,601	708,794	Musical instruments	2,839	10,161
Gift tax	47,232	70,497	Mechanical refrigerators, air-conditioners, etc.	9,229	37,352
Alcoholic beverage taxes, total	2,526,162	2,474,766	Matches	10,247	8,418
Distilled spirits (imported, excise)	143,060	121,562	Business and store machines	16,792	26,183
Distilled spirits (domestic, excise)	1,603,497	1,563,800	Photographic apparatus	21,184	36,162
Distilled spirits rectification tax	41,880	43,486	Sporting goods	7,678	17,064
Wines, cordials, etc. (imported, excise)	2,894	2,906	Firearms, shells, cartridges	6,232	9,031
Wines, cordials, etc. (domestic, excise)	58,260	64,291	Pistols and revolvers	61	384
Dealers in distilled spirits, rectifiers, manufacturers of stills (special taxes)	3,061	9,443	Other	241	184
Container stamps	13,309	13,282	Retailers' excise taxes, total	492,046	614,227
Floor taxes	696	163	Furs	91,706	97,461
Fermented malt liquors	660,824	661,418	Jewelry	223,342	236,616
Brewers; dealers in malt liquors (special taxes)	3,106	3,662	Luggage	81,423	84,388
Other	666	766	Toilet preparations	96,574	96,642
Tobacco taxes, total	1,166,519	1,237,768	Miscellaneous taxes, total	1,499,929	1,560,842
Cigars (large and small)	41,464	48,364	Sugar Act of 1937	66,732	69,162
Cigarettes (large and small)	1,072,971	1,146,268	Telephone, telegraph, radio, cable, leased wires, etc.		252,746
Snuff	7,373	7,056	Local telephone service	146,689	164,944
Tobacco (chewing and smoking)	41,961	36,548	Transportation of oil by pipe line	14,824	16,986
Other	1,700	644	Transportation of persons	226,760	244,008
Stamp taxes	87,676	79,978	Transportation of property	220,121	276,791
			Use of motor vehicles	116,960	266
			Leases of safe deposit boxes	7,867	9,600
			Admissions to theaters, etc.	343,191	392,873
			Admissions to cabarets, etc.	72,677	63,360
			Club dues and initiation fees	18,890	23,390
			Bowling alleys, pool tables, etc.	4,011	4,466
			Coin-operated devices	17,092	20,432
			Oleomargarine, including special taxes	4,932	6,874
			Coconut and other vegetable oils processed	6,272	17,208
			Other	1,120	968

Source: Treasury Department, Bureau of Internal Revenue; Annual Report of the Secretary.

## No. 852.—INTERNAL REVENUE COLLECTIONS, BY STATES AND TERRITORIES: 1946 AND 1947

[In thousands of dollars. For years ending June 30. See headnote, table 351. Tax receipts are credited to States in which collections made. Receipts in the various States do not indicate the tax burden of the respective States, since burden may eventually be borne by persons in other States]

DIVISION, STATE, OR TERRITORY	TOTAL <sup>1</sup>		INDIVIDUAL INCOME TAXES <sup>2</sup>		CORPORATION INCOME TAXES <sup>3</sup>		EMPLOYMENT TAXES	
	1946	1947	1946	1947	1946	1947	1946	1947
<b>Total</b> .....	<b>49,671,922</b>	<b>39,108,272</b>	<b>18,704,536</b>	<b>19,343,297</b>	<b>12,553,602</b>	<b>9,676,787</b>	<b>1,700,828</b>	<b>2,034,365</b>
<b>New England</b> .....	<b>2,533,630</b>	<b>2,456,554</b>	<b>1,367,897</b>	<b>1,399,894</b>	<b>828,355</b>	<b>614,211</b>	<b>116,570</b>	<b>127,048</b>
Maine.....	135,180	124,221	68,644	67,743	50,555	37,952	7,016	8,075
New Hampshire.....	77,378	82,206	44,837	48,596	18,797	20,359	3,730	4,978
Vermont.....	45,904	44,813	23,729	25,909	11,936	9,802	2,589	3,326
Massachusetts.....	1,450,519	1,342,585	766,914	746,983	427,024	343,827	60,420	71,561
Rhode Island.....	225,920	216,325	114,975	114,639	77,962	69,875	9,366	10,846
Connecticut.....	699,150	646,346	350,798	385,564	241,975	134,596	32,449	36,371
<b>Middle Atlantic</b> .....	<b>12,595,126</b>	<b>11,977,327</b>	<b>5,717,543</b>	<b>5,798,088</b>	<b>4,256,277</b>	<b>3,421,536</b>	<b>543,434</b>	<b>647,994</b>
New York.....	8,114,585	7,723,857	3,669,442	3,718,501	3,004,008	2,470,129	329,080	357,675
New Jersey.....	1,273,981	1,267,411	641,148	662,900	366,480	312,914	52,389	59,384
Pennsylvania.....	3,206,560	2,986,060	1,406,953	1,418,687	885,788	638,483	167,966	200,935
<b>East North Central</b> .....	<b>3,862,335</b>	<b>3,316,853</b>	<b>4,125,384</b>	<b>4,348,459</b>	<b>3,453,687</b>	<b>2,422,965</b>	<b>417,967</b>	<b>601,406</b>
Ohio.....	2,588,748	2,443,571	1,042,765	1,063,903	977,711	730,837	109,223	128,911
Indiana.....	916,280	916,678	331,364	378,696	225,161	156,843	26,123	31,602
Illinois.....	2,545,700	3,447,147	1,539,549	1,644,731	1,184,739	949,661	164,148	202,233
Michigan.....	1,970,094	1,779,426	903,108	896,040	740,401	350,672	89,193	105,252
Wisconsin.....	841,534	730,031	318,519	336,089	365,646	229,152	29,279	33,410
<b>West North Central</b> .....	<b>2,769,886</b>	<b>2,787,555</b>	<b>1,277,476</b>	<b>1,469,945</b>	<b>913,064</b>	<b>728,463</b>	<b>126,017</b>	<b>167,161</b>
Minnesota.....	599,959	612,200	285,824	311,068	190,215	164,966	34,471	43,139
Iowa.....	318,266	348,763	187,346	226,235	72,933	66,114	11,581	14,721
Missouri.....	1,090,439	1,061,845	432,814	471,614	428,055	345,653	51,369	63,570
North Dakota.....	44,138	50,304	34,899	39,978	4,636	5,196	1,100	1,501
South Dakota.....	45,619	51,902	32,811	39,591	4,794	6,162	1,328	1,746
Nebraska.....	281,059	296,312	140,819	148,812	82,165	50,556	17,906	20,771
Kansas.....	389,606	366,258	163,263	172,697	160,266	89,802	18,263	21,654
<b>South Atlantic</b> .....	<b>4,653,574</b>	<b>4,668,997</b>	<b>1,792,483</b>	<b>1,876,554</b>	<b>1,197,689</b>	<b>960,380</b>	<b>164,225</b>	<b>190,681</b>
Delaware.....	402,982	323,558	115,846	108,318	254,820	196,326	11,792	10,379
Maryland.....	722,418	678,157	273,799	278,406	183,139	121,357	26,513	34,478
Dist. of Columbia.....	509,938	485,876	371,678	392,341	89,238	50,452	16,206	22,715
Virginia.....	751,377	738,988	213,377	220,898	149,105	136,031	23,575	30,692
West Virginia.....	192,441	196,658	99,408	108,938	61,055	56,523	11,174	12,915
North Carolina.....	1,092,604	1,183,006	189,662	217,571	182,276	163,438	22,942	29,371
South Carolina.....	181,307	178,291	79,664	85,167	82,753	73,572	7,749	9,580
Georgia.....	406,372	410,737	197,231	216,600	126,396	108,914	18,348	23,111
Florida.....	394,575	413,736	251,818	261,225	70,093	74,336	12,928	17,641
<b>East South Central</b> .....	<b>1,368,846</b>	<b>1,421,153</b>	<b>518,581</b>	<b>556,878</b>	<b>295,066</b>	<b>258,874</b>	<b>82,959</b>	<b>64,236</b>
Kentucky.....	799,327	739,719	142,287	154,081	116,935	86,806	16,194	20,771
Tennessee.....	324,585	338,838	180,499	197,072	91,116	87,093	17,349	20,732
Alabama.....	239,047	244,286	138,369	144,000	68,020	63,444	16,097	17,215
Mississippi.....	92,887	98,310	57,426	61,723	20,993	21,529	4,309	5,562
<b>West South Central</b> .....	<b>1,610,146</b>	<b>1,619,893</b>	<b>968,350</b>	<b>1,038,107</b>	<b>433,167</b>	<b>395,636</b>	<b>78,223</b>	<b>93,684</b>
Arkansas.....	102,279	109,043	65,244	70,998	29,090	21,526	4,877	5,686
Louisiana.....	342,630	325,137	168,821	166,242	86,800	76,002	12,804	14,677
Oklahoma.....	290,740	300,033	144,255	147,274	63,852	63,396	11,690	13,761
Texas.....	1,074,306	1,085,680	610,030	653,593	262,426	234,712	48,832	59,760
<b>Mountain</b> .....	<b>626,109</b>	<b>682,051</b>	<b>399,418</b>	<b>481,053</b>	<b>116,828</b>	<b>115,656</b>	<b>25,290</b>	<b>32,618</b>
Montana.....	59,329	68,533	40,922	46,764	9,271	11,111	1,058	2,651
Idaho.....	60,211	65,990	41,968	46,370	9,270	9,838	2,706	3,427
Wyoming.....	30,634	32,589	21,890	23,821	3,401	3,853	1,137	1,338
Colorado.....	243,341	263,879	131,388	144,843	57,447	53,609	10,342	15,220
New Mexico.....	45,945	48,116	32,704	30,203	4,189	4,679	1,554	2,226
Arizona.....	76,248	75,982	52,518	54,957	11,889	10,091	2,713	3,639
Utah.....	81,942	84,224	46,647	48,954	16,574	18,001	3,714	4,635
Nevada.....	38,359	42,769	29,163	29,141	4,106	4,655	1,167	1,491
<b>Pacific</b> .....	<b>4,186,836</b>	<b>3,912,965</b>	<b>2,409,029</b>	<b>2,413,014</b>	<b>983,885</b>	<b>712,177</b>	<b>167,139</b>	<b>184,675</b>
Washington.....	543,604	484,389	323,833	305,834	137,073	107,906	21,654	22,379
Oregon.....	273,908	284,193	178,720	191,750	57,301	55,408	13,404	15,142
California.....	3,369,324	3,144,384	1,906,477	1,915,430	789,612	548,864	132,140	147,154
Alaska.....	15,188	15,831	12,639	12,757	801	1,016	490	660
Hawaii.....	141,554	106,314	85,783	68,569	34,912	23,097	3,463	4,017
Puerto Rico.....	2,493	2,745	32	23				

<sup>1</sup> Includes miscellaneous taxes in the following amounts: 1946, \$7,712,966,000; 1947, \$8,063,854,000.

<sup>2</sup> Includes taxes withheld on salaries and wages.

<sup>3</sup> Includes excess profits and unjust enrichment taxes.

Source: Treasury Department, Bureau of Internal Revenue; Annual Report of the Secretary.

# No. 853.—INCOME TAX RETURNS, INDIVIDUAL AND TAXABLE FIDUCIARY—SUMMARY: 1913 TO 1945

[Includes data for Alaska, District of Columbia, and Hawaii; based on returns as filed, unaudited except to insure proper execution. Under revenue laws, individuals are required to file returns as follows: (1) Single or married, for 1913-16, those with net income of \$2,000 or over; (2) single, or married and not living with husband or wife, for 1917-24, \$1,000 or over; 1925-31, \$1,500 or over; 1932-39, \$1,000 or over; for 1940, those with gross income of \$200 or over, for 1941, \$750 or over; and for 1942 and 1943, \$500 or over regardless of amount of net income; (3) married and living with husband or wife, filing a joint return, for 1917-23, those with net income of \$2,000 or over; 1924, \$2,500 or over; 1925-31, \$3,500 or over; 1932-39, \$2,500 or over; for 1940, those with gross income of \$2,000 or over; for 1941, \$1,500 or over; for 1942, \$1,200 or over; and for 1943, if gross income exceeds \$624, regardless of amount of net income; also for 1943, a return is required of any person liable for tax for 1942, regardless of amount of gross income for 1943; (4) every individual with gross income of \$5,000 or over for 1921-39, and as stated above for 1940-43. For 1944 and 1945, every citizen or resident having gross income of \$500 or more is required to file a return. For refund purposes, returns are also required with respect to gross incomes under \$500 from which taxes have been withheld. Data for returns showing no net income, filed in accordance with these latter provisions are not included in statistics shown. Fiduciaries are required to file returns on same basis as single individuals except that a return is required for every estate or trust of which any beneficiary is a nonresident alien, and for 1928-45, a return is required for every trust having a net income of \$100 or over. Partnership net profit or net loss is reported on individual returns of copartners according to their shares]

[All money figures in thousands of dollars]

CALENDAR YEAR	RETURNS WITH NET INCOME				Total tax
	Number of returns			Net in- come <sup>1</sup>	
	Total	Taxable	Nontaxable		
1913.....	357,596			3,900,000	28,234
1914.....	357,515			4,000,000	41,046
1915.....	336,652			4,600,000	87,944
1916.....	437,096	362,970	74,066	5,298,578	173,367
1917.....	3,472,890	2,707,234	765,656	13,652,383	<sup>2</sup> 795,381
1918.....	4,425,114	3,392,863	1,032,251	15,924,639	1,127,723
1919.....	5,332,760	4,231,181	1,101,579	19,859,491	1,309,630
1920.....	7,259,944	5,518,310	1,741,634	23,735,629	1,075,054
1921.....	6,662,176	3,589,965	3,072,191	19,577,213	719,387
1922.....	6,787,481	3,661,249	3,106,232	21,336,213	861,037
1923.....	7,696,321	4,270,121	3,426,200	24,777,466	<sup>3</sup> 661,666
1924.....	7,369,788	4,489,696	2,880,090	25,656,153	704,265
1925.....	4,171,051	2,501,166	1,669,885	21,894,576	734,555
1926.....	4,138,092	2,470,090	1,667,102	21,958,506	732,471
1927.....	4,101,547	2,440,941	1,660,606	22,545,091	830,639
1928.....	4,070,851	2,523,063	1,547,788	25,226,327	1,164,254
1929.....	4,044,327	2,458,049	1,586,278	24,800,736	1,001,938
1930.....	3,707,509	2,037,645	1,669,864	18,118,635	476,715
1931.....	3,225,924	1,525,546	1,700,378	13,604,966	346,127
1932.....	3,877,430	1,936,095	1,941,335	11,655,909	329,962
1933.....	3,723,558	1,747,740	1,975,818	11,006,638	374,120
1934.....	4,094,420	1,795,920	2,298,500	12,796,802	511,400
1935.....	4,575,012	2,110,890	2,464,122	14,906,812	657,439
1936.....	5,413,499	2,861,108	2,552,391	19,240,110	1,214,017
1937.....	6,350,148	3,371,443	2,978,705	21,238,574	1,141,569
1938.....	6,203,657	3,046,545	3,155,112	18,897,374	<sup>4</sup> 765,218
1939.....	7,633,190	3,959,297	3,673,902	23,191,871	<sup>4</sup> 928,394
1940.....	14,565,462	7,504,649	7,160,813	36,368,546	<sup>4</sup> 1,496,930
1941.....	25,854,973	17,587,471	8,267,502	58,868,025	<sup>4</sup> 3,905,625
1942.....	36,537,593	27,718,534	8,819,059	78,889,302	<sup>4</sup> 8,926,712
1943.....	43,602,454	40,318,602	3,283,854	99,585,627	<sup>4</sup> 14,589,324
1944.....	47,011,959	42,446,837	4,565,122	117,370,359	<sup>4</sup> 16,347,479
1945 (preliminary).....	49,964,351	42,764,082	7,100,469	121,157,725	<sup>4</sup> 17,235,983

<sup>1</sup> Net income for 1913-43 is total income less statutory deductions, but before deduction of exemption or credits allowable in computing amount subject to tax. For 1944 and 1945, *adjusted gross income* (defined as gross income minus allowable trade and business deductions, expenses of travel and lodging in connection with employment, reimbursed expenses in connection with employment, deductions attributable to rents and royalties, certain deductions of life tenants and income beneficiaries of property held in trust, and allowable losses from sales of property) is shown instead of net income.

<sup>2</sup> Includes war excess-profits tax of \$101,250,000 on individuals and \$103,888,000 on partnerships.

<sup>3</sup> Tax after 25 percent reduction provided by Revenue Act of 1924.

<sup>4</sup> Excludes amount of alternative tax on returns reporting deficit due to net long-term capital loss, which tax amounted to \$615,000 for 1938; \$300,000 for 1939; \$473,000 for 1940; and \$2,326,000 for 1941.

<sup>5</sup> Includes defense tax 1940, \$128,350,000; 1941, \$1,150,000, not shown separately. Defense tax, applicable only to taxable years beginning in 1940, is 10 percent of total income tax before deducting any credit, but not in excess of 10 percent of amount by which net income exceeds such income tax.

<sup>6</sup> Tax for 1942 and 1943 computed on net income for respective year without regard to adjustments provided by Current Tax Payment Act of 1943. Tax for 1942 (as in prior years) is before deduction of credits for tax paid at source and tax paid to a foreign country or possession of United States, while amount of tax for 1943-45 is after deduction of such credits. Total income and victory tax resulting from merging of 1942 and 1943 tax liabilities, as provided by Current Tax Payment Act of 1943, reported on 1943 returns with net income, is \$17,114,112,000. This amount excludes \$31,800,000 tax reported on returns with no net income.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 1.



# No. 854.—INCOME TAX RETURNS, INDIVIDUAL AND TAXABLE FIDUCIARY— ANALYSIS: 1941 TO 1945

[All money figures, except as indicated, in millions of dollars. See headnote, table 353]

DISTRIBUTION	1941	1942	1943	1944	1945 (prel.)		
					Total	Individual	Fiduciary
Adjusted gross income <sup>1</sup> .....	63,544	85,802	106,617	117,370	121,158	120,301	857
Salaries, wages, commissions, etc. <sup>2</sup> .....	47,082	65,558	82,714	91,095	91,658	91,658	-----
Dividends, domestic and foreign <sup>3</sup> .....	3,603	3,099	3,070				
Interest received: <sup>4</sup>							
Partially tax-exempt Govt. obligations.....	113	104	85	4,295	4,360	3,906	454
Taxable Govt. obligations.....	16	45	76				
Bank deposits, notes, etc.....	988	917	797				
Annuities and pensions <sup>5</sup> .....	162	139	125	180	195	195	-----
Rents and royalties: Net profit <sup>6</sup> .....	1,739	1,957	1,846	1,831	1,837	1,758	79
Net loss <sup>6</sup> .....	78	99	157	158	178	176	2
Business and profession:							
Net profit <sup>7</sup> .....	6,456	9,286	11,064	12,126	12,611	12,572	39
Net loss <sup>7</sup> .....	124	182	214	301	351	350	1
Partnership: Net profit <sup>8</sup> .....	2,292	3,502	5,138	5,817	7,258	7,196	62
Net loss <sup>8</sup> .....	32	38	42	57	87	87	(19)
Sales or exchanges of capital assets: <sup>9</sup>							
Net gain.....	505	362	882	1,223	2,476	2,276	200
Net loss.....	702	244	193	215	184	182	2
Sales or exchanges of property other than capital assets: Net gain <sup>10</sup> .....	68	63	78	66	65	64	1
Net loss <sup>10</sup> .....	62	83	75	74	71	70	1
Income from estates and trusts <sup>11</sup> .....	770	778	834	930	957	946	11
Miscellaneous income <sup>12</sup> .....	747	640	591	612	613	596	17
Total tax.....	3,906	8,927	14,589	16,347	17,226	17,050	176
Number of returns (thousands).....	25,855	36,538	43,602	47,012	49,865	49,751	114
Average adjusted gross income per return.....	\$2,461	\$2,351	\$2,449	\$2,497	\$2,430	\$2,418	\$7,540
Average tax per return.....	\$151	\$244	\$335	\$348	\$345	\$343	\$1,546

<sup>1</sup> For 1941-43, represents total income adjusted by subtracting therefrom net losses from rents and royalties, from business and profession, from partnerships, and from sales or exchanges of property; for 1944-45, see note 1, table 353.

<sup>2</sup> Salaries and wages include annuities, pensions, and retirement pay not reported in schedule for annuities and pensions, but for 1944-45 exclude wages of less than \$100 per return from which no tax is withheld, reported on Form W-2 (see note 12).

<sup>3</sup> Excludes those received through partnerships and fiduciaries; for 1941-43, excludes those reported on Form 1040A; for 1944-45, excludes those reported on Form W-2. (See note 12.)

<sup>4</sup> Excludes that reported on Form 1040A for 1941-43 and on Form W-2 for 1944-45 (see note 12). Partially tax-exempt interest consists of amounts received directly, or through partnerships and fiduciaries, representing interest on certain Government obligations issued prior to Mar. 1, 1941, and dividends on Federal savings and loan association shares issued prior to Mar. 28, 1942. For 1941, includes taxable interest on Government obligations reported on nontaxable returns. Taxable interest, Government and other, excludes that received through partnerships and fiduciaries, except that on fiduciary returns; taxable interest on Government obligations includes that received through partnerships and fiduciaries. For 1941, taxable Government interest is only that reported on taxable returns.

<sup>5</sup> Represents only taxable portion of amounts received. Amounts received to extent of 3 percent of cost are reported annually, until aggregate of amounts received and excluded from income in this and prior years equals cost. Thereafter, entire amounts received are taxable and must be included in income. For 1941-43, excludes annuities reported on Form 1040A (see note 12); for 1944-45, annuities, etc., from which tax is withheld may be reported as salaries and wages.

<sup>6</sup> Net profit from rents and royalties is excess of gross rents over depreciation, repairs, interest, taxes, and other rent expenses and excess of gross royalties over depletion and other royalty expenses. Conversely, net loss from these sources is excess of expenses over gross receipts. For 1941, excludes rents and royalties reported on Form 1040A (see note 12).

<sup>7</sup> Net profit from business is excess of gross receipts over business expenses and, for 1944-45, net operating loss deduction due to a net operating loss from business, partnership, and common trust funds for two preceding years. Conversely, net loss from business is excess of business expenses and, for 1944-45, net operating loss deduction over gross receipts from business.

<sup>8</sup> Excludes partially tax-exempt interest on Government obligations, dividends on Federal savings and loan association shares issued prior to Mar. 28, 1942, and net gain or loss from sales of capital assets. In computing partnership profit or loss, charitable contributions are not deductible nor is net operating loss deduction allowed.

<sup>9</sup> Capital assets consist of all property held by taxpayer other than (1) stock in trade or other property held primarily for sale to customers, or (2) kinds of property specified in note 11. Net gain or loss reported is a combination of current year capital gains and losses to be taken into account (including those from partnerships or common trust funds in which taxpayer participates) and capital loss carry-over, except that, for 1941, a net short-term capital loss is not allowable in current year, and for 1942-45, allowable net loss is limited to amount of such loss, or to net income (adjusted gross income if taxes under Supplement T in 1944-45) computed without regard to gains and losses from sales of capital assets, or to \$1,000, whichever is smallest. For details as to portion of gains and losses taken into account, description of capital loss carry-over, and special treatment of certain gains and losses, see source.

<sup>10</sup> Sales of (1) property used in trade or business of a character which is subject to allowance for depreciation, (2) Government obligations issued on or after Mar. 1, 1941, on a discount basis and payable, without interest, within 1 year from issue, and (3) for 1942-45, also includes real property used in trade or business.

<sup>11</sup> Excludes partially tax-exempt interest on Government obligations and dividends on Federal savings and loan association shares issued prior to Mar. 28, 1942. Such income is reported in partially tax-exempt interest.

<sup>12</sup> Includes all taxable income not accounted for elsewhere in this table; also includes for 1941-43, dividends, interest, annuities, and (for 1941 only) rents and royalties reported on Form 1040A; and for 1944-45, wages not subject to withholding, dividends, and interest, not exceeding in total \$100 per return reported on Form W-2.

<sup>13</sup> Less than \$500,000.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 1.



### No. 855.—INCOME TAX RETURNS, INDIVIDUAL, BY ADJUSTED GROSS INCOME CLASSES: 1944 AND 1945

[All money figures in thousands of dollars. See headnote, table 353]

ADJUSTED GROSS INCOME CLASS <sup>1</sup>	NUMBER OF RETURNS		ADJUSTED GROSS INCOME <sup>1</sup>		TOTAL TAX		EFFECTIVE TAX RATE, PERCENT	
	1944	1945 <sup>2</sup>	1944	1945 <sup>2</sup>	1944	1945 <sup>2</sup>	1944	1945 <sup>2</sup>
Total	46,919,590	49,750,991	116,714,736	120,301,131	16,216,461	17,050,378	13.89	14.17
Under 0.5	3,260,590	5,452,051	947,548	1,498,401	144,361	138,405	3.19	2.97
0.5-1	6,068,006	6,213,141	4,594,223	4,080,978	584,939	575,916	6.44	6.25
1-1.5	7,222,582	7,319,124	9,082,812	9,213,969	1,026,126	1,071,730	8.58	8.55
1.5-2	6,863,662	7,175,731	11,988,824	12,537,887	1,264,429	1,344,942	9.40	9.45
2-2.5	6,000,454	6,348,181	13,454,630	14,236,038	1,455,234	1,424,862	10.01	9.90
2.5-3	5,301,072	5,252,160	14,530,659	14,394,603	2,562,163	2,560,494	11.20	11.10
3-4	6,918,693	6,737,442	23,773,010	23,142,517	1,626,130	1,507,599	13.08	13.06
4-5	2,816,977	2,612,823	12,432,205	11,541,980	1,907,510	2,119,569	17.02	17.37
5-10	1,834,433	1,885,471	11,735,004	12,273,236	866,922	1,025,393	24.07	24.03
10-15	298,478	353,346	3,602,112	4,267,146	647,319	775,181	29.11	29.04
15-20	120,466	155,308	2,224,022	2,668,955	505,473	619,816	33.00	33.43
20-25	67,537	83,229	1,504,311	1,853,715	1,412,266	1,609,629	41.67	41.30
25-50	100,467	120,220	3,388,703	4,052,666	1,021,908	1,156,298	58.06	51.79
50-100	28,983	33,466	1,926,020	2,232,769	360,446	387,962	61.66	58.65
100-150	4,873	5,530	584,702	691,464	337,501	350,103	68.15	61.46
150-300	2,581	2,871	510,230	599,597	121,513	123,617	68.64	61.18
300-500	473	538	177,036	202,032	108,804	109,962	69.66	64.78
500-1,000	221	258	149,017	169,744	76,058	79,900	69.38	64.75
1,000 and over	62	71	109,611	123,364				

<sup>1</sup> See note 1, table 353.

<sup>2</sup> Preliminary.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 1.

### No. 356.—INCOME TAX RETURNS, INDIVIDUAL, BY FAMILY RELATIONSHIP: 1940 TO 1945

[See headnote, table 353]

FAMILY RELATIONSHIP	1940	1941	1942	1943	1944	1945 <sup>1</sup>
Number of returns	14,596,974	25,770,869	26,456,116	43,566,543	46,919,590	49,750,991
Joint returns of husbands and wives	7,456,432	14,136,753	20,230,892	22,231,029	24,042,777	24,566,056
Separate returns of husbands and wives:						
Men <sup>2</sup>	184,963	492,021	968,890	1,778,379	1,828,559	1,932,840
Women <sup>2</sup>	170,070	394,013	1,100,643	2,042,144	2,037,356	1,993,196
Heads of families:						
Men <sup>2</sup>	773,207	1,490,898	1,360,991	1,268,241		
Women <sup>2</sup>	491,273	730,462	1,140,781	1,558,584		
Not heads of families:						
Men <sup>2</sup>	3,131,177	4,712,353	5,326,465	5,421,119	7,489,589	8,790,401
Women <sup>2</sup>	2,235,498	3,496,913	5,551,000	7,313,912	10,246,100	10,423,650
Community property returns	155,434	314,056	756,448	1,892,695	1,275,209	2,024,848
Net income (1,000 dollars) <sup>4</sup>	36,362,719	58,527,217	78,689,729	99,269,862	116,714,736	120,301,131
Joint returns of husbands and wives	21,213,046	35,177,228	48,818,442	57,823,989	68,814,105	68,726,636
Separate returns of husbands and wives:						
Men	2,118,585	3,278,706	4,859,582	7,723,044	8,932,900	9,405,390
Women	795,394	1,212,803	2,160,896	3,638,856	4,516,423	4,541,274
Heads of families:						
Men <sup>2</sup>	1,738,209	3,190,711	2,720,801	2,836,538		
Women <sup>2</sup>	942,366	1,215,360	1,707,977	2,519,820		
Not heads of families:						
Men <sup>2</sup>	5,053,307	7,779,280	8,397,631	8,686,279	14,035,945	14,826,588
Women <sup>2</sup>	3,481,861	4,986,278	6,941,577	9,712,335	15,165,369	16,315,523
Community property returns	966,961	1,666,851	2,982,822	6,447,105	5,249,998	7,785,728

<sup>1</sup> Preliminary.

<sup>2</sup> An unequal number of returns of husbands and wives results from use of sampling in certain net income areas.

<sup>3</sup> Single persons or married persons not living with husbands or wives.

<sup>4</sup> See note 1, table 353.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 1.

**No. 857.—INCOME TAX RETURNS, INDIVIDUAL—INCOME DISTRIBUTED BY SOURCE,  
BY ADJUSTED GROSS INCOME CLASSES: 1945**

[In thousands of dollars. Data are preliminary]

ADJUSTED GROSS INCOME CLASS <sup>1</sup>	Salaries, wages, etc. <sup>2</sup>	Divi- dends and in- terest <sup>3,4</sup>	Annu- ities and pen- sions <sup>5</sup>	RENTS AND ROY- ALTIES <sup>6</sup>		BUSINESS AND PRO- FESSION <sup>7</sup>		PARTNERSHIP <sup>8</sup>	
				Net profit	Net loss	Net profit	Net loss	Net profit	Net loss
<b>AMOUNT</b>									
<b>Total.....</b>	<b>91,458,219</b>	<b>2,906,628</b>	<b>194,685</b>	<b>1,758,121</b>	<b>175,962</b>	<b>12,572,022</b>	<b>350,118</b>	<b>7,195,884</b>	<b>84,599</b>
Under 0.5.....	1,345,897	18,106	2,369	37,485	5,430	104,131	21,915	9,765	4,250
0.5-1.....	3,772,828	104,806	18,509	126,918	8,894	537,936	29,483	67,731	2,997
1-1.5.....	7,821,516	140,581	32,720	144,965	14,038	891,498	37,565	126,003	9,537
1.5-2.....	11,021,435	141,074	22,937	128,525	15,497	969,473	28,571	162,895	3,428
2-2.5.....	12,590,817	147,936	16,224	127,946	19,857	959,734	26,111	198,665	4,168
2.5-3.....	12,886,552	138,186	16,761	120,403	21,422	895,152	20,063	232,466	4,298
3-4.....	20,420,539	249,708	22,639	208,136	28,492	1,427,700	28,632	416,415	5,749
4-5.....	9,878,760	178,271	11,368	131,424	13,738	1,000,881	12,453	369,608	3,342
5-10.....	7,067,600	625,912	21,048	290,757	21,635	2,456,694	38,161	1,315,963	12,727
10-15.....	1,524,071	365,025	8,231	123,609	8,238	1,105,145	21,499	864,155	8,569
15-20.....	854,804	263,073	4,395	75,518	4,097	642,021	13,851	639,952	4,941
20-25.....	564,235	290,635	2,701	49,590	3,212	411,499	11,019	490,515	3,111
25-50.....	1,117,279	512,682	7,290	99,935	5,779	731,841	20,372	1,196,595	8,542
50-100.....	490,434	372,634	3,992	50,391	2,960	296,036	17,006	716,221	5,670
100-150.....	108,853	141,410	1,196	15,063	827	68,679	7,310	197,847	1,510
150-300.....	70,076	140,808	780	13,455	530	52,543	4,971	132,283	1,306
300-500.....	15,228	53,871	222	4,493	238	10,131	2,212	34,644	561
500-1,000.....	7,545	58,476	255	1,267	253	6,327	1,666	24,013	296
1,000 and over.....	1,752	53,336	179	2,195	255	4,700	1,238	8,148	135
<b>PERCENT</b>									
<b>ITEMS OF INCOME AND LOSS FROM EACH SOURCE AS A PERCENTAGE OF AGGREGATE POSITIVE INCOME</b>									
<b>Total.....</b>	<b>73.65</b>	<b>3.22</b>	<b>0.15</b>	<b>1.45</b>	<b>0.15</b>	<b>10.38</b>	<b>0.29</b>	<b>5.94</b>	<b>0.97</b>
Under 0.5.....	87.38	1.17	.16	2.43	.35	6.76	1.42	.63	.28
0.5-1.....	79.98	2.23	.39	2.69	.19	11.41	.63	1.44	.06
1-1.5.....	84.15	1.51	.36	1.56	.15	9.59	.40	1.26	.10
1.5-2.....	87.47	1.12	.18	1.02	.12	7.69	.28	1.29	.03
2-2.5.....	88.71	1.03	.11	.90	.14	6.71	.18	1.89	.03
2.5-3.....	89.13	.96	.12	.87	.15	6.19	.14	1.61	.03
3-4.....	86.73	1.07	.10	.90	.12	6.14	.12	1.79	.02
4-5.....	83.50	1.84	.10	1.13	.12	8.64	.11	3.19	.03
5-10.....	67.05	5.05	.17	2.35	.17	19.83	.31	10.63	.11
10-15.....	35.24	8.44	.19	2.86	.19	25.55	.50	19.98	.20
15-20.....	31.61	9.73	.16	2.79	.17	23.74	.51	23.66	.18
20-25.....	30.04	10.69	.14	2.64	.17	21.91	.59	25.58	.17
25-50.....	27.20	12.46	.18	2.43	.14	17.81	.64	29.18	.22
50-100.....	21.63	16.44	.18	2.22	.13	13.07	.75	31.62	.26
100-150.....	16.17	21.01	.18	2.24	.12	10.19	1.09	29.39	.23
150-300.....	12.12	24.24	.13	2.33	.09	9.08	.86	22.87	.23
300-500.....	7.40	26.19	.11	2.15	.12	4.93	1.06	16.94	.26
500-1,000.....	4.37	33.89	.15	.73	.15	3.66	.98	13.92	.17
1,000 and over.....	1.39	42.36	.14	1.74	.20	3.73	.96	6.47	.11

See footnotes at end of tables.

**No. 857.—INCOME TAX RETURNS, INDIVIDUAL—[INCOME DISTRIBUTED BY SOURCE,  
BY ADJUSTED GROSS INCOME CLASSES: 1945—Continued**

(In thousands of dollars)

ADJUSTED GROSS INCOME CLASS <sup>1</sup>	SALE OR EX- CHANGES OF CAP- ITAL ASSETS <sup>2</sup>		SALES OR EX- CHANGES OF PROPERTY OTHER THAN CAPITAL ASSETS <sup>3</sup>		Income from es- tates and trusts <sup>11</sup>	Miscel- laneous income <sup>12</sup>	AGGREGATE		Adjusted gross income <sup>1</sup>
	Net gain	Net loss	Net gain	Net loss			Positive income	Nega- tive income	
<b>AMOUNT</b>									
<b>Total . . . . .</b>	<b>2,275,701</b>	<b>182,068</b>	<b>61,922</b>	<b>62,963</b>	<b>945,594</b>	<b>595,585</b>	<b>121,165,768</b>	<b>844,644</b>	<b>120,301,131</b>
Under 0.5 . . . . .	9,836	8,126	558	2,116	1,326	10,914	1,546,286	41,686	1,498,401
0.5-1 . . . . .	33,351	11,069	3,008	3,547	11,630	40,270	4,716,986	56,010	4,660,976
1-1.5 . . . . .	58,792	14,413	3,738	5,307	17,922	56,105	9,294,840	80,860	9,213,980
1.5-2 . . . . .	71,069	12,397	3,747	3,071	16,731	60,965	12,600,851	62,964	12,537,887
2-2.5 . . . . .	79,096	14,533	3,801	4,734	22,566	58,867	14,308,441	60,403	14,236,038
2.5-3 . . . . .	83,988	13,430	4,864	3,742	18,386	54,706	14,457,454	62,855	14,394,603
3-4 . . . . .	166,522	24,897	9,644	3,659	37,294	77,340	23,235,934	93,419	23,142,517
4-5 . . . . .	127,745	13,725	7,059	3,226	40,255	45,092	11,588,463	46,484	11,541,980
5-10 . . . . .	374,528	29,462	15,788	11,839	137,151	82,628	12,388,069	114,824	12,273,236
10-15 . . . . .	196,905	13,877	5,332	5,968	92,785	39,927	4,325,186	58,041	4,267,146
15-20 . . . . .	132,803	7,972	2,137	4,234	69,582	20,396	2,704,651	35,695	2,668,956
20-25 . . . . .	97,538	5,194	1,533	2,331	54,890	15,241	1,878,583	24,867	1,853,716
25-30 . . . . .	262,861	8,414	1,961	5,879	157,429	18,761	4,108,054	55,386	4,052,668
30-100 . . . . .	212,681	3,478	683	3,344	113,063	9,224	2,265,259	32,458	2,232,799
100-150 . . . . .	92,131	624	248	1,433	45,324	2,619	673,169	11,704	661,464
150-300 . . . . .	118,203	339	29	1,663	48,126	2,103	578,405	8,809	569,597
300-500 . . . . .	67,096	54	2	564	19,744	250	205,681	3,649	202,032
500-1,000 . . . . .	33,502	41	—	516	20,983	186	172,544	2,799	169,744
1,000 and over . . . . .	37,082	14	—	890	18,439	81	125,912	2,532	123,384
<b>PERCENT</b>	ITEMS OF INCOME AND LOSS FROM EACH SOURCE AS A PERCENTAGE OF AGGREGATE POSITIVE INCOME								
<b>Total . . . . .</b>	<b>1.88</b>	<b>0.15</b>	<b>0.05</b>	<b>0.06</b>	<b>0.78</b>	<b>0.49</b>	<b>100</b>		
Under 0.5 . . . . .	.64	.53	.04	.14	.09	.71	100		
0.5-1 . . . . .	.71	.24	.06	.08	.25	.85	100		
1-1.5 . . . . .	.63	.16	.04	.06	.19	.61	100		
1.5-2 . . . . .	.67	.10	.03	.07	.15	.48	100		
2-2.5 . . . . .	.66	.10	.03	.03	.16	.41	100		
2.5-3 . . . . .	.68	.09	.03	.03	.13	.38	100		
3-4 . . . . .	.72	.11	.04	.02	.16	.33	100		
4-5 . . . . .	1.10	.12	.06	.03	.35	.39	100		
5-10 . . . . .	3.02	.24	.13	.10	1.11	.67	100		
10-15 . . . . .	4.55	.32	.12	.14	2.15	.92	100		
15-20 . . . . .	4.91	.29	.08	.16	2.67	.75	100		
20-25 . . . . .	5.19	.28	.08	.12	2.92	.81	100		
25-30 . . . . .	6.40	.20	.05	.14	3.83	.46	100		
30-100 . . . . .	9.39	.15	.03	.15	4.99	.41	100		
100-150 . . . . .	13.68	.09	.04	.21	6.73	.37	100		
150-300 . . . . .	20.44	.06	.01	.29	8.32	.36	100		
300-500 . . . . .	22.62	.03	(11)	.27	9.60	.12	100		
500-1,000 . . . . .	31.01	.02	—	.30	12.16	.11	100		
1,000 and over . . . . .	29.45	.01	—	.71	14.65	.07	100		

<sup>1</sup> See note 1, table 353.

For footnotes 2 through 12, see footnotes 2 through 12, table 354.

<sup>12</sup> Less than 0.005 percent.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 1.

## No. 858.—INCOME TAX RETURNS, INDIVIDUAL, BY

[All money figures, except average per return]

DIVISION, STATE, OR TERRITORY	1943			1944			1945 <sup>1</sup>	
	Number of returns	Net income <sup>2</sup>	Tax	Number of returns	Adjusted gross income <sup>2</sup>	Tax	Number of returns	Adjusted gross income <sup>2</sup>
<b>Total<sup>3</sup></b>	<b>43,440,746</b>	<b>99,106,440</b>	<b>14,447,787</b>	<b>46,919,530</b>	<b>116,406,618</b>	<b>16,034,626</b>	<b>49,773,865</b>	<b>130,341,345</b>
<b>New England</b>	<b>3,329,661</b>	<b>7,671,495</b>	<b>1,139,463</b>	<b>3,463,135</b>	<b>8,704,960</b>	<b>1,223,674</b>	<b>3,632,263</b>	<b>8,743,207</b>
Maine	261,798	557,966	67,210	268,359	606,188	69,665	311,807	616,253
N. Hampshire	166,996	333,779	38,072	184,451	369,069	32,289	194,999	392,883
Vermont	92,014	172,697	18,899	106,067	206,539	21,791	112,448	214,856
Massachusetts	1,718,101	3,895,361	573,621	1,784,053	4,466,782	624,644	1,866,647	4,804,761
Rhode Island	268,443	649,868	94,544	267,296	730,029	103,401	316,963	742,636
Connecticut	804,510	2,061,784	346,917	822,010	2,325,883	384,464	837,899	2,178,897
<b>Middle Atlantic</b>	<b>10,279,380</b>	<b>24,582,436</b>	<b>3,617,995</b>	<b>11,127,656</b>	<b>29,717,075</b>	<b>4,367,111</b>	<b>11,917,661</b>	<b>31,229,686</b>
New York	6,253,541	12,846,919	2,139,270	6,699,607	16,653,778	2,435,681	6,063,760	16,816,796
New Jersey	1,726,496	4,180,454	612,692	1,829,318	4,666,529	708,808	1,981,047	5,226,043
Pennsylvania	2,299,341	7,555,063	1,066,133	3,698,731	9,107,768	1,226,122	2,872,864	9,187,839
<b>E. N. Central</b>	<b>10,066,463</b>	<b>23,947,190</b>	<b>3,497,122</b>	<b>10,770,648</b>	<b>28,019,541</b>	<b>3,946,308</b>	<b>11,247,617</b>	<b>27,936,164</b>
Ohio	2,665,726	6,396,743	915,433	2,874,194	7,474,869	1,036,280	2,963,543	7,267,263
Indiana	1,186,196	2,637,290	342,260	1,294,196	3,144,033	402,950	1,336,672	3,160,006
Illinois	3,067,295	7,292,243	1,123,585	3,261,341	8,702,045	1,267,781	3,471,774	9,036,094
Michigan	2,036,606	5,468,728	853,930	2,215,631	6,237,693	909,432	2,273,787	6,746,698
Wisconsin	1,068,640	2,160,186	261,884	1,106,294	2,480,891	300,866	1,209,941	2,713,484
<b>W. N. Central</b>	<b>3,927,642</b>	<b>7,930,893</b>	<b>974,652</b>	<b>4,223,967</b>	<b>9,109,120</b>	<b>1,103,860</b>	<b>4,603,568</b>	<b>9,766,293</b>
Minnesota	871,233	1,728,329	207,874	897,461	1,890,787	237,630	992,060	2,146,778
Iowa	746,273	1,469,660	174,169	782,426	1,663,634	190,061	837,040	1,776,146
Missouri	1,102,909	2,268,669	306,906	1,199,251	2,723,963	367,419	1,308,036	2,830,789
North Dakota	156,798	291,410	30,182	160,511	332,683	32,866	176,966	360,669
South Dakota	133,601	241,096	26,018	160,583	277,578	25,134	192,316	347,496
Nebraska	391,603	791,262	94,361	416,774	860,063	97,511	460,076	980,067
Kansas	626,156	1,100,667	136,163	666,960	1,360,382	163,269	636,076	1,348,436
<b>South Atlantic</b>	<b>4,606,478</b>	<b>9,440,528</b>	<b>1,306,768</b>	<b>5,061,676</b>	<b>11,419,649</b>	<b>1,479,941</b>	<b>5,426,571</b>	<b>11,966,794</b>
Delaware	96,381	260,262	54,638	118,873	339,264	68,106	107,709	296,012
Maryland	840,306	1,968,112	287,119	867,185	2,211,779	310,668	873,867	2,148,467
Dist. of Col.	353,511	838,306	138,448	373,654	966,466	161,273	386,412	993,047
Virginia	709,903	1,474,740	187,946	776,479	1,709,021	208,124	821,029	1,767,397
West Virginia	444,236	893,793	88,091	480,479	1,072,968	112,137	546,803	1,143,302
N. Carolina	667,296	1,183,692	140,137	761,289	1,483,498	163,057	842,833	1,628,637
S. Carolina	336,434	692,461	66,299	372,694	691,336	64,716	400,866	766,464
Georgia	616,066	1,212,051	167,416	682,369	1,421,316	177,966	761,666	1,646,197
Florida	546,326	1,226,121	189,766	619,844	1,534,019	222,794	690,606	1,666,372
<b>E. S. Central</b>	<b>1,902,027</b>	<b>3,816,824</b>	<b>484,823</b>	<b>2,130,639</b>	<b>4,344,064</b>	<b>484,426</b>	<b>2,236,682</b>	<b>4,489,360</b>
Kentucky	538,781	1,168,102	157,396	602,756	1,228,699	134,669	636,467	1,264,666
Tennessee	616,461	1,204,096	162,619	694,233	1,406,248	169,812	696,626	1,418,076
Alabama	524,278	1,026,061	128,671	672,062	1,186,411	130,232	606,671	1,210,869
Mississippi	223,517	429,576	54,337	261,609	523,396	69,696	296,610	670,808
<b>W. S. Central</b>	<b>2,977,946</b>	<b>6,120,744</b>	<b>817,324</b>	<b>3,346,544</b>	<b>7,366,637</b>	<b>926,066</b>	<b>3,606,494</b>	<b>7,666,846</b>
Arkansas	266,218	468,672	56,066	294,618	661,338	65,437	310,617	692,339
Louisiana	547,614	1,118,049	146,669	603,200	1,318,078	167,444	636,463	1,360,666
Oklahoma	468,186	916,668	109,469	600,026	1,116,362	133,161	571,796	1,211,294
Texas	1,716,928	3,618,166	606,240	1,947,800	4,361,669	669,972	1,966,626	4,492,619
<b>Mountain</b>	<b>1,263,163</b>	<b>2,743,600</b>	<b>366,177</b>	<b>1,283,062</b>	<b>2,983,027</b>	<b>364,167</b>	<b>1,466,870</b>	<b>3,306,166</b>
Montana	163,172	357,467	43,927	167,008	373,606	43,642	183,907	406,214
Idaho	163,131	329,963	37,126	163,667	351,067	37,034	180,678	376,669
Wyoming	76,909	182,907	23,743	76,948	197,076	26,006	82,206	196,760
Colorado	336,369	733,682	101,669	350,109	824,968	110,066	403,786	946,266
New Mexico	103,933	219,270	27,510	122,992	246,781	23,433	140,033	294,776
Arizona	161,787	346,961	48,412	160,413	384,422	48,936	184,246	426,062
Utah	166,262	424,337	49,661	194,344	467,692	49,717	214,841	474,067
Nevada	68,600	168,063	26,639	66,601	164,191	26,419	66,174	177,466
<b>Pacific</b>	<b>4,971,364</b>	<b>12,234,243</b>	<b>1,976,123</b>	<b>5,320,621</b>	<b>14,269,619</b>	<b>2,066,884</b>	<b>5,641,027</b>	<b>14,633,721</b>
Washington	937,440	2,196,694	324,438	896,870	2,301,806	331,918	969,667	2,329,276
Oregon	467,853	1,169,032	182,669	466,183	1,308,161	190,622	616,109	1,314,662
California	3,576,061	8,868,617	1,469,106	3,966,668	10,649,660	1,644,444	4,063,261	10,960,663
Hawaii	166,522	418,460	72,237	172,662	476,099	72,661	190,431	522,070

<sup>1</sup> See note 1, table 353.<sup>2</sup> Preliminary.<sup>3</sup> Aggregates shown in this table do not precisely agree with corresponding United States totals in other tables prepared from income tax returns of individuals, due to the use of different samples for national data and for State data.

## STATES AND TERRITORIES: 1943, 1944, AND 1945

and tax per capita, in thousands of dollars]

1945 —Continued									DIVISION, STATE, OR TERRITORY
Tax	Average per return		Tax per capita of total popula- tion	Percent of popu- lation filing returns	Percent of U. S. total				
	Adjusted gross income	Tax			Popu- lation	Re- turns	Ad- justed gross income	Tax	
17,029,899	\$2,415.79	\$341.97	17.03	37.54	100.00	100.00	100.00	100.00	Total *
1,259,557	2,468.84	345.77	153.19	43.89	6.24	7.39	7.27	7.40	New England.
72,021	1,982.81	232.90	92.39	39.67	.59	.63	.51	.43	Maine.
47,393	2,014.79	243.04	104.85	43.14	.84	.39	.83	.28	New Hampshire.
24,229	1,893.89	213.57	78.16	38.60	.23	.23	.18	.14	Vermont.
665,426	2,472.10	358.02	159.08	44.43	3.16	3.74	3.82	3.91	Massachusetts.
108,643	2,360.39	341.97	143.33	41.68	.57	.63	.63	.64	Rhode Island.
341,245	2,601.98	407.51	191.07	46.89	1.35	1.68	1.81	2.00	Connecticut.
4,757,001	2,539.45	399.16	183.19	45.87	19.61	23.94	25.97	27.96	Middle Atlantic.
2,743,072	2,773.33	452.37	217.96	48.18	9.60	12.18	13.98	16.11	New York.
737,979	2,637.52	372.52	175.67	47.16	3.17	3.98	4.85	4.34	New Jersey.
1,275,957	2,372.37	329.46	136.78	42.12	6.94	7.78	7.64	7.50	Pennsylvania.
3,321,790	2,453.74	345.68	148.34	42.51	19.96	22.60	23.23	23.04	East North Central.
1,015,220	2,467.30	343.73	147.71	42.97	5.19	5.93	6.06	5.96	Ohio.
404,739	2,360.73	302.37	117.73	38.93	2.59	2.69	2.68	2.38	Indiana.
1,359,845	2,600.02	391.69	178.12	44.97	5.82	6.98	7.51	7.99	Illinois.
804,959	2,528.25	354.02	147.11	41.55	4.13	4.57	4.78	4.73	Michigan.
337,027	2,242.66	278.55	114.17	40.99	2.23	2.43	2.25	1.98	Wisconsin.
1,223,245	2,122.12	265.73	99.23	37.34	3.30	3.25	3.13	7.19	West North Central.
273,639	2,163.96	275.83	109.59	39.73	1.88	1.99	1.79	1.61	Minnesota.
209,777	2,120.74	250.52	92.82	37.04	1.71	1.68	1.48	1.23	Iowa.
378,788	2,156.49	289.57	106.49	36.77	2.69	2.69	2.34	2.23	Missouri.
38,705	1,992.49	208.60	70.45	33.77	.39	.35	.29	.22	North Dakota.
84,801	1,806.91	180.96	62.70	34.65	.42	.39	.29	.20	South Dakota.
123,919	2,130.37	269.34	103.44	38.40	.84	.82	.82	.73	Nebraska.
166,636	2,113.28	259.59	95.19	36.67	1.31	1.28	1.12	.97	Kansas.
1,565,083	2,295.63	283.73	81.76	28.32	14.45	10.89	9.94	9.19	South Atlantic.
62,637	2,776.11	581.54	218.25	37.53	.22	.22	.25	.37	Delaware.
301,693	2,458.59	345.24	141.97	41.13	1.60	1.75	1.79	1.77	Maryland.
159,294	2,569.92	409.62	168.75	41.20	.71	.78	.82	.93	Dist. of Col.
226,178	2,152.66	275.49	73.43	26.66	2.32	1.55	1.47	1.33	Virginia.
113,312	2,094.72	207.61	65.69	31.64	1.30	1.10	.96	.67	West Virginia.
181,173	1,926.40	214.95	51.69	24.05	2.65	1.69	1.35	1.06	North Carolina.
78,998	1,909.66	197.08	41.45	21.03	1.44	.80	.64	.46	South Carolina.
196,806	2,057.13	248.55	68.52	23.55	2.41	1.51	1.28	1.10	Georgia.
256,002	2,417.61	370.75	107.29	28.94	1.80	1.39	1.39	1.50	Florida.
617,206	2,607.14	231.24	49.97	21.61	7.51	4.49	3.73	2.04	East South Central.
145,151	2,033.91	228.05	49.97	24.69	1.95	1.28	1.08	.85	Kentucky.
173,864	2,020.79	249.47	49.97	24.17	2.17	1.39	1.17	1.02	Tennessee.
134,976	1,998.54	222.78	48.00	21.55	2.12	1.22	1.01	.80	Alabama.
63,495	1,912.39	212.71	30.63	14.35	1.67	.60	.47	.27	Mississippi.
966,428	2,183.67	281.32	75.55	26.85	9.65	7.65	6.37	5.80	West South Central.
68,215	1,907.59	219.68	38.32	17.44	1.34	.62	.49	.40	Arkansas.
171,090	2,141.11	269.24	69.66	25.87	1.85	1.28	1.13	1.01	Louisiana.
157,496	2,118.38	240.45	67.59	28.11	1.54	1.15	1.01	.81	Oklahoma.
609,637	2,259.16	306.56	89.82	29.30	5.12	4.00	3.74	3.58	Texas.
419,425	2,269.36	287.90	95.30	34.14	3.22	2.33	2.75	2.46	Mountain.
48,520	2,301.18	260.99	105.94	40.59	.35	.38	.34	.29	Montana.
41,488	2,084.14	229.62	82.98	36.14	.36	.36	.31	.24	Idaho.
25,603	2,417.71	311.45	103.66	33.28	.19	.17	.17	.15	Wyoming.
121,725	2,350.92	326.23	117.51	36.02	.85	.81	.79	.77	Colorado.
34,844	2,105.05	248.53	65.13	26.17	.40	.28	.25	.21	New Mexico.
56,000	2,312.41	298.51	87.30	29.25	.47	.37	.35	.32	Arizona.
51,680	2,206.59	240.55	63.76	34.62	.46	.43	.39	.30	Utah.
20,866	2,723.25	468.69	191.04	40.73	.12	.13	.15	.18	Nevada.
2,295,833	2,631.48	411.22	187.46	45.69	9.21	11.17	12.17	13.43	Pacific.
328,913	2,427.17	342.74	151.57	44.22	1.64	1.93	1.94	1.94	Washington.*
193,654	2,537.27	373.77	160.58	42.96	.91	1.04	1.09	1.14	Oregon.
1,764,266	2,691.45	432.07	199.96	45.28	8.66	8.20	9.14	10.36	California.
84,330	2,741.23	442.84	184.13	41.56	.35	.38	.44	.50	Hawaii.

\* Includes Alaska.

Source: Treasury Department, Bureau of Internal Revenue: Statistics of Income, Part 1.

## No. 359.—INCOME TAX RETURNS, INDIVIDUAL—ANALYSIS, BY ADJUSTED GROSS INCOME CLASSES: 1945

[All money figures, except average tax per return, in thousands of dollars. Data are preliminary]

ADJUSTED GROSS INCOME CLASS <sup>1</sup>	Number of returns	Adjusted gross income <sup>1</sup>	Surtax exemptions <sup>2</sup>	Total tax	DISTRIBUTION OF TAX	
					Normal tax and surtax	Alternative tax
Total.....	49,750,991	120,301,131	57,813,757	17,060,378	15,043,407	2,000,771
Under \$500 nontaxable.....	5,452,051	1,498,401	3,779,778			
\$500 to \$1,000 taxable.....	4,942,819	3,794,336	4,212,946	138,405	138,405	
\$500 to \$1,000 nontaxable.....	1,370,322	866,642	1,454,809			
\$1,000 to \$1,500 taxable.....	7,041,008	8,839,562	7,078,084	575,916	575,916	
\$1,000 to \$1,500 nontaxable <sup>3</sup> .....	278,116	374,427	391,598			
\$1,500 to \$2,000 taxable.....	7,175,731	12,537,887	7,836,502	1,071,730	1,071,730	
\$2,000 to \$2,500.....	6,348,181	14,236,038	7,880,487	1,344,942	1,344,942	
\$2,500 to \$3,000.....	5,252,169	14,394,603	7,356,351	1,424,902	1,424,802	
\$3,000 to \$4,000.....	6,737,442	23,142,517	10,255,126	2,569,494	2,569,494	
\$4,000 to \$5,000.....	2,612,826	11,541,980	4,018,396	1,507,599	1,507,599	
\$5,000 to \$10,000.....	1,686,471	12,273,236	2,617,351	2,119,569	2,119,569	
\$10,000 to \$15,000.....	363,346	4,267,146	448,497	1,025,293	1,025,293	
\$15,000 to \$20,000.....	155,308	2,668,955	192,702	775,181	735,896	39,285
\$20,000 to \$25,000.....	83,229	1,853,716	103,070	619,816	480,485	139,331
\$25,000 to \$50,000.....	120,220	4,052,666	142,476	1,669,629	1,080,974	588,655
\$50,000 to \$100,000.....	33,495	2,232,790	36,633	1,186,298	596,075	590,223
\$100,000 to \$150,000.....	6,530	661,464	5,488	387,902	163,680	224,222
\$150,000 to \$300,000.....	2,871	669,597	2,662	350,103	123,748	226,355
\$300,000 to \$500,000.....	528	202,032	492	123,617	31,745	91,872
\$500,000 to \$1,000,000.....	266	169,744	238	109,962	37,171	72,791
\$1,000,000 and over.....	71	123,384	71	79,900	23,043	56,857

ADJUSTED GROSS INCOME CLASS <sup>1</sup>	Average total tax per return	Effective tax rate on adjusted gross income	PERCENT DISTRIBUTION		
			Returns	Adjusted gross income	Tax
Total.....	\$343	14.17	100.00	100.00	100.00
Under \$500 nontaxable.....			10.96	1.25	
\$500 to \$1,000 taxable.....	29	3.65	9.73	3.15	.61
\$500 to \$1,000 nontaxable.....			2.76	.72	
\$1,000 to \$1,500 taxable.....	62	6.53	14.15	7.35	3.36
\$1,000 to \$1,500 nontaxable <sup>3</sup> .....			.56	.31	
\$1,500 to \$2,000 taxable.....	149	8.55	14.42	10.42	6.29
\$2,000 to \$2,500.....	212	9.45	12.76	11.83	7.89
\$2,500 to \$3,000.....	271	9.90	10.56	11.97	8.36
\$3,000 to \$4,000.....	381	11.10	13.54	19.24	15.07
\$4,000 to \$5,000.....	577	13.06	5.25	9.59	8.94
\$5,000 to \$10,000.....	1,124	17.27	3.79	10.20	12.43
\$10,000 to \$15,000.....	2,902	24.03	.71	3.55	6.01
\$15,000 to \$20,000.....	4,991	29.04	.31	2.22	4.55
\$20,000 to \$25,000.....	7,447	23.44	.17	1.54	3.64
\$25,000 to \$50,000.....	13,868	41.20	.24	3.37	9.79
\$50,000 to \$100,000.....	34,522	51.79	.07	1.86	6.78
\$100,000 to \$150,000.....	70,156	58.65	.01	.55	2.29
\$150,000 to \$300,000.....	121,945	61.47	.01	.47	2.06
\$300,000 to \$500,000.....	234,123	61.19	(4)	.17	.73
\$500,000 to \$1,000,000.....	426,209	64.78	(4)	.14	.64
\$1,000,000 and over.....	1,125,352	64.78	(4)	.10	.47

<sup>1</sup> See note 1, table 353.<sup>2</sup> Surtax exemption is \$500 for taxpayer, \$500 for taxpayer's spouse if not dependent upon another person, and \$500 for each dependent with respect to whom a surtax exemption may be claimed. Such dependents must have received from taxpayer more than half their support for year and must have had less than \$500 gross income during year. Dependents include only close relatives which are specified by law.<sup>3</sup> Includes a negligible number of returns in excess of \$1,500.<sup>4</sup> Less than 0.005 percent.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 1.



## No. 360.—INCOME TAX RETURNS, CORPORATION—SUMMARY: 1916 TO 1945

[Includes data for Alaska, District of Columbia, and Hawaii; based on returns as filed, prior to audit adjustments and, for 1940-45, prior to changes resulting from carry-backs, relief granted under section 722 of Internal Revenue Code, recomputation of amortization of emergency facilities, or renegotiation of war contracts, after returns were filed. (Changes in profits and taxes due to renegotiation of war contracts after returns were filed are shown in Statistics of Income, Part 2, for 1942-45.) All corporations are required to file returns except those specifically exempt, such as mutual, fraternal, civic, and charitable organizations not operating for profit. Under Revenue Act of 1934, privilege of filing a consolidated return for a group of affiliated corporations was limited to common carriers by railroad and their related leasing and holding companies. Revenue Act of 1936 extended this privilege to street, suburban, and interurban electric railway corporations. These changes result in marked differences between returns for 1934 through 1941, and those for 1933 and prior years, in net-income or deficit classification and in size of total assets, as well as in distribution by industries. Beginning 1942, consolidated-return privilege again extended, in general, to all corporations. Corporations are classified industrially on one business activity which accounts for largest percentage of total receipts. Therefore, industrial groups do not reflect pure industry classifications. As a result of application of Standard Industrial Classification, number of major and minor industrial groups for 1933 and subsequent years has been increased over that for 1937 and prior years. Changes in contents of groups are listed in Statistics of Income for 1938, Part 2, subsequent changes appear in later volumes]

[All money figures in thousands of dollars]

CALENDAR YEAR	NUMBER OF RETURNS				Net income <sup>2</sup>	Deficit <sup>3</sup>	TAX		
	Total	Reporting net income	Reporting no net income <sup>1</sup>	Inactive corporations <sup>1</sup>			Total	Income tax <sup>4</sup>	War- and excess-profits taxes <sup>5</sup>
1916	341,263	206,964	134,269		8,765,909	658,904	171,806	171,806	
1917	351,426	232,079	119,347		10,730,360	629,608	2,142,446	803,698	1,638,748
1918	317,579	202,041	115,518		8,361,511	689,772	1,186,764	653,198	2,505,566
1919	320,196	209,634	110,564		9,411,418	995,646	2,175,342	743,536	1,431,806
1920	345,595	203,231	142,362		7,902,555	2,029,424	1,625,235	636,508	968,726
1921	355,397	171,230	185,188		4,336,048	3,878,219	701,576	366,444	335,132
1922	382,683	212,535	170,348		6,963,811	2,193,776	783,776	775,310	8,486
1923	398,933	233,339	165,594		8,321,529	2,013,556	937,106	937,106	
1924	417,421	236,389	181,082		7,586,652	2,223,926	881,550	881,550	
1925	430,072	252,334	177,738		9,583,684	1,962,628	1,170,331	1,170,331	
1926	455,320	258,134	197,186		9,673,403	2,168,710	1,229,797	1,229,797	
1927	475,031	259,849	168,826	49,356	8,961,884	2,471,739	1,130,674	1,130,674	
1928	495,892	268,763	174,828	52,281	10,617,741	2,391,124	1,184,142	1,184,142	
1929	509,436	269,430	186,591	53,415	11,653,896	2,914,128	1,163,436	1,163,436	
1930	518,736	221,420	241,616	55,700	6,428,813	4,877,695	711,704	711,704	
1931	516,404	175,898	283,806	56,700	3,683,368	6,970,913	398,994	398,994	
1932	508,636	82,640	369,238	56,752	2,153,113	7,796,487	285,576	285,576	
1933	504,060	109,786	337,046	57,238	2,985,972	5,533,339	423,068	418,093	6,976
1934	528,398	145,101	324,703	59,094	4,275,197	4,181,027	596,048	588,375	7,673
1935	533,631	164,231	312,882	56,518	5,164,723	3,468,774	735,125	710,156	24,969
1936	530,779	203,161	275,696	51,922	9,478,241	2,152,024	<sup>6</sup> 1,191,378	<sup>6</sup> 1,169,785	21,613
1937	529,067	192,028	285,810	51,359	9,834,837	2,280,846	<sup>7</sup> 1,276,172	<sup>7</sup> 1,232,837	43,335
1938	520,501	169,884	301,148	49,469	6,525,979	2,853,098	<sup>8</sup> 859,566	<sup>8</sup> 853,578	5,988
1939	515,960	199,479	270,138	46,343	8,826,713	2,092,148	1,232,256	1,216,450	15,806
1940	516,763	220,977	232,065	43,741	11,203,224	2,283,795	<sup>9</sup> 2,548,546	2,144,292	404,254
1941	509,086	204,628	204,278	40,180	18,111,095	1,778,563	<sup>10</sup> 7,167,902	3,744,568	3,423,334
1942 <sup>1</sup>	479,677	269,942	172,723	37,012	24,052,368	1,000,746	12,256,396	4,337,728	7,918,668
1943 <sup>1</sup>	455,894	263,735	136,786	35,373	25,717,966	896,722	15,925,582	4,479,166	11,446,417
1944 <sup>1</sup>	446,796	288,904	123,563	34,329	27,123,741	819,260	14,884,050	4,353,620	10,530,430
1945 <sup>1</sup> (prel.)	454,462	303,021	118,106	33,335	22,165,385	1,026,250	10,793,111	4,181,694	6,611,417

<sup>1</sup> Returns of inactive corporations prior to 1927 are included in those reporting no net income.

<sup>2</sup> For 1922-32, and for 1940-45, net income tabulated is amount before deduction due to net operating loss of prior years. (For amounts of such deductions, see table 365, p. 351.) For 1935 and prior years, net income or deficit is amount reported for income tax computation. For 1936-45, net income or deficit is amount reported for declared value excess-profits tax computation, except that, for 1944 and 1945, amount shown includes Government interest subject to surtax only and continues to include excess of net long-term capital gain over net short-term capital loss, even though such excess was made exempt from declared value excess-profits tax beginning 1944. Beginning 1936, net income or deficit includes dividends received on stock of domestic corporations subject to taxation under effective tax law and interest received on certain Government obligations subject to excess-profits tax. For 1936 and later years, contributions or gifts are deductible in arriving at net income and are limited to 5 percent of net income before deduction.

<sup>3</sup> Tax credit for taxes paid to foreign countries, allowable for 1918 and subsequent years, has not been deducted from amounts of income tax as tabulated.

<sup>4</sup> War-profits and excess-profits taxes provided by Revenue Acts of 1917, 1918, and 1921 were in effect 1917-21, amount shown for 1922 was reported on returns with fiscal years beginning in 1921, and (declared value) excess-profits tax was in effect for 1933 and subsequent years. Figures for 1940-45 also include excess profits tax under Second Revenue Act of 1940, shown separately in table 361, amounts of such tax being after credit for debt retirement and net postwar refund (1942-44), 10 percent credit (1945), and relief adjustments claimed on returns when filed.

<sup>5</sup> For 1936-38, includes surtax on undistributed profits according to provision of Revenue Act of 1936. Amount included for 1938 is that reported on fiscal year returns with taxable year beginning in 1937.

<sup>6</sup> Includes income and declared value excess-profits defense taxes. Amount included for 1941 is from returns with fiscal years beginning in 1940.

<sup>7</sup> Beginning 1942, instead of deductions for reserve earnings, deferred dividends, and interest paid, which were previously allowable to life insurance companies in arriving at net income, there is allowable a "reserve and other policy liability credit" against net income. As a consequence, there is an increase in both number of returns reporting net income and in amount of net income reported.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 2.

No. 861.—INCOME TAX RETURNS, CORPORATION—NUMBER OF RETURNS, TOTAL COMPILED RECEIPTS, NET INCOME OR DEFICIT, TAX, AND DIVIDENDS PAID: 1935 TO 1945

NATIONAL GOVERNMENT FINANCES

[All money figures in thousands of dollars. See headnote and footnotes, table 360]

ITEM	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945 <sup>1</sup>
All income and declared value excess-profits tax returns:											
Number of returns (excluding returns of inactive corporations).....	477, 113	478, 857	477, 838	471, 032	469, 617	473, 042	468, 906	442, 665	420, 521	412, 467	421, 127
Total compiled receipts <sup>2</sup> .....	114, 649, 717	132, 722, 602	142, 443, 379	120, 453, 946	132, 878, 224	148, 236, 787	190, 432, 017	217, 680, 512	249, 592, 493	262, 200, 531	255, 318, 339
Net income less deficit.....	1, 695, 960	7, 326, 218	7, 353, 991	3, 672, 882	6, 734, 565	8, 919, 429	16, 332, 542	23, 051, 611	27, 819, 245	26, 304, 481	21, 139, 136
Total tax liability.....	735, 125	1, 191, 378	1, 276, 172	859, 566	1, 232, 256	2, 548, 546	7, 167, 902	12, 256, 396	15, 925, 582	14, 884, 050	10, 793, 111
Income tax.....	710, 156	1, 169, 765	1, 232, 837	853, 578	1, 216, 450	2, 144, 292	3, 744, 568	4, 337, 728	4, 479, 166	4, 353, 620	4, 181, 694
Declared value excess-profits tax.....	24, 969	21, 613	43, 335	5, 988	15, 806	30, 744	64, 149	66, 854	154, 934	98, 668	54, 888
Excess profits tax.....						373, 511	3, 359, 186	7, 851, 814	11, 291, 483	10, 431, 762	6, 556, 529
Dividends paid in cash and assets other than own stock.....	5, 940, 620	7, 379, 333	7, 514, 017	5, 013, 433	5, 746, 739	6, 088, 781	6, 700, 787	5, 607, 085	5, 727, 676	6, 057, 043	6, 068, 507
Returns with net income:											
Number of returns.....	164, 231	203, 161	192, 028	169, 884	199, 479	220, 977	264, 628	269, 942	283, 735	288, 904	303, 021
Total compiled receipts <sup>2</sup> .....	77, 638, 952	105, 011, 693	109, 202, 739	80, 267, 477	105, 658, 338	125, 180, 472	175, 181, 820	206, 160, 215	240, 676, 898	252, 962, 944	238, 916, 192
Net income.....	5, 164, 723	9, 478, 241	9, 634, 837	6, 525, 979	8, 826, 713	11, 203, 224	18, 111, 095	24, 052, 358	28, 717, 966	27, 123, 741	22, 165, 385
Total tax liability.....	735, 125	1, 191, 378	1, 276, 172	859, 566	1, 232, 256	2, 548, 546	7, 167, 902	12, 256, 396	15, 925, 582	14, 884, 050	10, 793, 111
Income tax.....	710, 156	1, 169, 765	1, 232, 837	853, 578	1, 216, 450	2, 144, 292	3, 744, 568	4, 337, 728	4, 479, 166	4, 353, 620	4, 181, 694
Declared value excess-profits tax.....	24, 969	21, 613	43, 335	5, 988	15, 806	30, 744	64, 149	66, 854	154, 934	98, 668	54, 888
Excess profits tax.....						373, 511	3, 359, 186	7, 851, 814	11, 291, 483	10, 431, 762	6, 556, 529
Dividends paid in cash and assets other than own stock.....	4, 651, 002	7, 179, 220	7, 308, 774	4, 780, 202	5, 562, 273	5, 888, 825	6, 518, 177	5, 490, 167	5, 631, 023	5, 968, 526	5, 888, 730
Returns with no net income:											
Number of returns.....	312, 882	275, 696	285, 810	301, 148	270, 138	252, 065	204, 278	172, 723	136, 786	123, 563	118, 106
Total compiled receipts <sup>2</sup> .....	37, 010, 765	27, 710, 909	33, 240, 640	40, 186, 469	27, 219, 886	23, 056, 316	15, 250, 197	11, 520, 297	8, 915, 595	9, 237, 587	16, 402, 147
Deficit.....	3, 468, 774	2, 152, 024	2, 280, 846	2, 853, 098	2, 092, 148	2, 283, 795	1, 778, 553	1, 000, 746	898, 722	819, 260	1, 026, 250
Dividends paid in cash and assets other than own stock.....	1, 289, 618	200, 112	205, 243	233, 231	184, 466	200, 457	182, 610	116, 918	96, 653	88, 517	179, 777
Number of returns of inactive corporations.....	56, 518	51, 922	51, 259	49, 469	46, 343	43, 741	40, 160	37, 012	35, 373	34, 329	33, 335
Taxable excess profits tax returns: <sup>4</sup>											
Number of returns.....											
Excess profits net income.....											
Adjusted excess profits net income.....											

<sup>1</sup> Preliminary.  
<sup>2</sup> For items included, see table 366.  
<sup>3</sup> Includes income and declared value excess-profits defense taxes. Amount included for 1941 is reported on returns with fiscal years beginning in 1940.  
<sup>4</sup> For tax reported on these returns, see "Excess profits tax" above. See also note 4, table 360.  
Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 2.

**No. 862.—INCOME TAX RETURNS, CORPORATION—TOTAL NUMBER OF RETURNS AND SUMMARY FOR RETURNS WITH NET INCOME, BY STATES AND TERRITORIES: 1944**

[All money figures in thousands of dollars. See headnote and footnotes, table 360]

DIVISION, STATE, OR TERRITORY	Total number of returns <sup>1</sup>	RETURNS WITH NET INCOME					
		Number of returns	Net income	Total tax	Income tax	Excess profits taxes	Dividends paid in cash and assets other than own stock
<b>Total.....</b>	<b>446,796</b>	<b>288,904</b>	<b>27,123,741</b>	<b>14,884,060</b>	<b>4,353,620</b>	<b>10,530,430</b>	<b>5,968,526</b>
<b>New England.....</b>	<b>46,239</b>	<b>27,227</b>	<b>2,619,666</b>	<b>1,042,064</b>	<b>300,626</b>	<b>741,439</b>	<b>379,534</b>
Maine.....	3,134	1,934	94,070	53,530	14,290	39,240	16,395
New Hampshire.....	1,445	1,004	26,632	19,997	6,271	13,627	6,330
Vermont.....	1,091	692	34,163	18,606	5,753	7,853	4,511
Massachusetts.....	22,749	16,900	1,086,861	550,596	168,154	382,443	229,664
Rhode Island.....	3,290	2,118	149,154	89,432	23,451	65,980	28,755
Connecticut.....	8,890	5,679	618,786	316,023	82,707	232,316	94,270
<b>Middle Atlantic.....</b>	<b>160,176</b>	<b>96,931</b>	<b>9,581,346</b>	<b>5,021,415</b>	<b>1,620,312</b>	<b>3,401,103</b>	<b>2,433,099</b>
New York.....	113,236	68,195	6,898,656	3,446,886	1,147,709	2,299,176	1,641,120
New Jersey.....	26,188	14,918	973,133	417,562	141,638	275,925	197,008
Pennsylvania.....	20,752	13,818	2,019,451	1,156,967	330,965	826,002	454,971
<b>East North Central.....</b>	<b>87,217</b>	<b>59,426</b>	<b>7,099,543</b>	<b>4,293,151</b>	<b>1,086,466</b>	<b>3,206,686</b>	<b>1,296,016</b>
Ohio.....	21,773	15,619	1,992,356	1,234,510	276,946	957,565	331,503
Indiana.....	10,650	7,079	447,515	261,965	67,421	194,543	63,872
Illinois.....	28,939	19,343	2,342,739	1,397,633	390,914	1,006,719	469,732
Michigan.....	12,863	8,779	1,649,135	999,214	279,010	720,204	355,361
Wisconsin.....	12,992	8,606	667,797	399,629	72,175	327,654	74,626
<b>West North Central.....</b>	<b>36,783</b>	<b>25,018</b>	<b>1,814,081</b>	<b>1,052,272</b>	<b>261,261</b>	<b>761,010</b>	<b>306,689</b>
Minnesota.....	8,638	5,529	412,807	227,466	76,177	151,290	78,189
Iowa.....	6,132	4,241	171,665	82,636	28,469	55,166	26,063
Missouri.....	11,845	8,117	802,520	472,905	122,049	340,855	142,090
North Dakota.....	1,566	1,103	12,076	4,439	2,196	2,241	1,873
South Dakota.....	1,702	1,129	11,493	4,476	2,553	1,923	2,549
Nebraska.....	3,398	2,366	106,368	57,172	18,778	38,394	21,689
Kansas.....	3,463	2,533	297,132	202,178	31,037	171,141	26,246
<b>South Atlantic.....</b>	<b>41,647</b>	<b>29,236</b>	<b>2,487,260</b>	<b>1,331,345</b>	<b>416,606</b>	<b>920,638</b>	<b>634,964</b>
Delaware.....	2,366	1,602	608,359	278,654	104,128	174,626	284,019
Maryland.....	5,366	3,479	377,221	207,714	61,958	145,755	71,743
District of Columbia.....	2,363	1,644	190,572	112,475	28,430	84,046	38,683
Virginia.....	6,181	4,519	329,609	192,323	54,411	137,912	57,866
West Virginia.....	4,404	2,969	120,457	68,547	23,427	45,120	28,169
North Carolina.....	5,750	4,483	335,671	190,450	58,096	132,354	59,476
South Carolina.....	2,666	2,131	127,107	79,861	15,961	63,900	15,082
Georgia.....	4,688	3,562	228,876	134,626	39,336	95,190	48,117
Florida.....	7,644	4,946	139,428	71,695	24,859	46,835	31,800
<b>East South Central.....</b>	<b>12,749</b>	<b>9,455</b>	<b>656,662</b>	<b>318,922</b>	<b>86,087</b>	<b>232,836</b>	<b>166,063</b>
Kentucky.....	3,642	2,847	215,444	130,602	29,663	100,940	44,771
Tennessee.....	4,062	3,062	176,323	99,023	29,078	69,950	31,528
Alabama.....	2,813	2,040	124,929	69,156	19,639	49,517	21,666
Mississippi.....	2,037	1,486	39,969	20,141	7,712	12,429	6,896
<b>West South Central.....</b>	<b>22,748</b>	<b>14,956</b>	<b>913,522</b>	<b>464,431</b>	<b>192,898</b>	<b>271,533</b>	<b>249,332</b>
Arkansas.....	2,141	1,466	40,962	19,946	8,396	11,549	9,287
Louisiana.....	4,786	3,206	149,624	82,102	26,077	56,025	40,134
Oklahoma.....	3,874	2,566	143,470	66,987	36,503	30,485	40,407
Texas.....	11,947	7,726	679,466	296,396	121,922	173,474	159,504
<b>Mountain.....</b>	<b>13,667</b>	<b>7,556</b>	<b>281,392</b>	<b>119,989</b>	<b>55,069</b>	<b>64,921</b>	<b>65,343</b>
Montana.....	1,976	1,202	24,417	11,484	5,007	6,477	6,675
Idaho.....	1,641	718	23,130	9,672	5,540	4,332	8,808
Wyoming.....	939	600	9,021	3,166	2,201	965	3,368
Colorado.....	3,894	2,280	117,004	58,976	26,430	32,546	29,131
New Mexico.....	748	480	9,039	4,133	1,905	2,228	2,186
Arizona.....	1,053	660	23,417	12,009	4,009	8,000	3,291
Utah.....	2,152	1,257	36,834	16,942	8,144	8,798	9,782
Nevada.....	684	349	8,530	3,405	1,633	1,872	2,150
<b>Pacific.....</b>	<b>31,236</b>	<b>18,482</b>	<b>2,052,853</b>	<b>1,199,458</b>	<b>296,148</b>	<b>903,310</b>	<b>479,432</b>
Washington.....	7,956	4,323	276,532	157,330	38,273	119,057	51,420
Oregon.....	3,329	2,197	110,860	61,556	18,666	42,890	18,061
California.....	19,751	11,932	1,665,461	980,572	239,309	741,363	249,951
<b>Alaska.....</b>	<b>180</b>	<b>88</b>	<b>2,663</b>	<b>1,280</b>	<b>547</b>	<b>733</b>	<b>487</b>
<b>Hawaii.....</b>	<b>674</b>	<b>570</b>	<b>74,859</b>	<b>36,801</b>	<b>13,602</b>	<b>26,199</b>	<b>20,287</b>

<sup>1</sup> Comprises returns of all corporations, including inactive corporations.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 2.

## No. 868.—INCOME TAX RETURNS, CORPORATION, BY INDUSTRIAL GROUPS: 1937 TO 1944

(All money figures in thousands of dollars. See headnote and footnotes, table 360)

YEAR	RETURNS WITH NET INCOME			RETURNS WITH NO NET INCOME		RETURNS WITH NET INCOME			RETURNS WITH NO NET INCOME	
	Number	Net income	Total tax	Number	Deficit	Number	Net income	Total tax	Number	Deficit
All corporations						Agriculture and related industries <sup>1</sup>				
1937	192,028	9,634,537	1,276,172	285,810	2,280,846	2,636	57,320	7,838	6,067	33,583
1938	169,884	8,525,979	859,566	301,148	2,853,098	2,862	31,820	4,413	6,936	38,236
1939	199,479	8,826,713	1,232,256	270,138	2,092,148	3,090	41,508	5,974	6,365	30,236
1940	220,977	11,203,224	2,548,546	252,065	2,283,795	3,642	51,165	10,058	6,103	36,022
1941	264,628	18,111,095	7,167,902	204,278	1,778,553	4,431	84,395	23,592	4,814	24,241
1942	269,942	24,052,358	12,256,398	172,723	1,000,748	4,607	97,175	40,488	3,922	17,419
1943	283,785	28,717,968	15,925,582	136,788	898,722	4,882	132,319	63,914	3,257	16,807
1944	288,904	27,123,741	14,884,050	123,863	819,260	4,541	139,862	64,909	3,066	18,934
Mining and quarrying <sup>1</sup>						Manufacturing—Total <sup>1</sup>				
1937	5,083	427,521	60,889	8,484	128,368	41,974	4,127,465	662,271	50,005	424,344
1938	4,470	210,354	30,091	8,699	161,041	42,090	4,137,523	663,828	50,184	437,390
1939	4,687	265,786	39,551	8,238	123,663	34,034	2,421,365	376,531	54,023	831,871
1940	5,076	335,226	72,157	7,702	123,663	43,002	3,948,328	634,077	43,181	390,572
1941	5,708	485,056	156,581	6,380	76,938	47,188	5,631,949	1,552,895	38,420	325,409
1942	5,709	473,296	208,742	5,541	58,054	58,042	10,601,366	4,045,848	26,389	171,951
1943	5,390	416,456	181,618	4,959	51,056	59,723	13,809,135	8,228,017	22,451	199,083
1944	5,174	380,528	162,093	4,668	58,942	61,706	16,728,107	10,543,063	17,011	146,219
						61,044	16,007,518	9,391,328	15,575	156,879
Manufacturing—Continued										
Food products <sup>1</sup>						Liquors and beverages				
1937	5,300	296,098	40,798	8,940	63,804	1,633	162,769	29,081	1,478	16,421
1938	4,889	312,177	50,168	8,616	80,766	1,806	127,788	21,827	1,509	18,383
1939	5,618	427,819	69,313	5,218	35,079	1,656	150,967	25,781	1,321	17,027
1940	5,315	444,317	98,525	4,934	36,523	1,641	151,993	25,781	1,320	20,159
1941	6,220	660,150	232,546	3,546	21,239	1,908	204,161	71,618	984	10,964
1942	7,088	942,299	472,198	2,894	14,173	2,285	280,974	139,821	528	4,922
1943	7,270	1,181,445	638,401	1,749	12,278	2,303	367,057	209,507	284	2,800
1944	6,958	1,124,592	661,806	1,816	13,398	2,188	386,946	233,805	410	3,604
Tobacco products						Textile-mill products <sup>1</sup>				
1937	140	126,648	18,645	213	2,040	3,013	166,326	27,153	4,490	69,374
1938	110	124,310	19,591	199	1,584	1,797	82,112	13,440	3,081	101,809
1939	116	129,189	21,155	181	1,167	2,510	197,221	34,242	2,164	—
1940	124	145,279	34,591	162	5,230	2,555	245,798	60,618	1,937	36,888
1941	137	166,640	82,722	117	1,167	3,508	592,584	258,661	916	10,866
1942	141	179,255	86,908	84	303	3,582	906,714	559,914	—	7,843
1943	160	184,276	92,135	83	180	3,687	967,086	569,051	494	6,312
1944	170	166,400	79,855	37	104	3,601	817,362	527,764	414	6,122
Clothing and apparel <sup>1</sup>						Leather and its manufactures				
1937	2,790	32,845	5,104	5,120	19,036	1,023	34,601	5,257	1,311	13,644
1938	2,912	31,538	5,025	6,850	31,458	860	25,847	4,153	1,304	20,058
1939	3,799	54,611	9,117	4,766	17,961	1,080	46,506	7,734	1,060	10,449
1940	4,342	62,967	13,352	4,412	16,314	1,139	48,074	10,007	979	10,339
1941	5,998	141,314	51,704	3,103	6,412	1,562	94,632	32,195	—	6,044
1942	6,730	220,757	121,259	2,289	7,482	1,667	140,449	77,108	358	2,361
1943	7,300	264,557	157,375	1,124	2,651	1,814	161,376	89,756	218	1,236
1944	6,335	268,477	162,926	1,107	3,658	1,698	140,996	82,089	263	1,169

<sup>1</sup> To improve historical comparability, figures for 1938 through 1944 are adjusted by transferring certain minor groups from classification in which shown in tables 364 and 366 to the classification in which shown here for 1937 (figures in roman). Figures for 1937 in italics show adjusted amounts which would have resulted if industrial classification of 1938 and subsequent years had been in effect.

<sup>2</sup> Total tax for 1942 includes \$18,723,000 excess profits tax not distributed by industrial groups.

**No. 363.—INCOME TAX RETURNS, CORPORATION, BY INDUSTRIAL GROUPS: 1937 TO 1944—Continued**

(All money figures in thousands of dollars)

YEAR	RETURNS WITH NET INCOME			RETURNS WITH NO NET INCOME		RETURNS WITH NET INCOME			RETURNS WITH NO NET INCOME	
	Number	Net income	Total tax	Number	Deficit	Number	Net income	Total tax	Number	Deficit
<b>Manufacturing—Continued</b>										
<b>Rubber, bone, celluloid, and ivory products <sup>1</sup></b>						<b>Forest products <sup>1</sup></b>				
1937	320	47,454	6,372	304	3,712	3,102	92,569	14,435	3,373	25,540
1937	380	45,579	5,724	251	5,504					
1938	283	35,325	4,380	267	3,955	2,681	50,090	7,795	4,903	55,379
1939	326	64,766	10,570	219	1,687	3,443	92,524	15,115	3,923	35,710
1940	339	72,712	16,042	247	1,997	4,009	148,435	26,427	3,125	20,190
1941	419	153,378	64,840	119	3,455	4,934	306,031	127,985	1,855	12,162
1942	404	153,826	85,120	93	640	4,789	357,031	184,788	1,877	11,734
1943	300	364,968	255,279	77	379	4,692	315,282	179,803	1,573	13,111
1944	372	330,255	233,120	63	839	4,611	325,613	178,797	1,552	14,747
<b>Paper, pulp, and products</b>						<b>Printing, publishing, and allied industries</b>				
1937	1,343	140,044	23,429	507	12,089	5,117	183,821	27,544	7,076	36,776
1938	1,107	68,898	10,965	1,080	24,933	4,234	125,114	18,700	7,314	42,731
1939	1,428	120,417	19,877	744	19,828	4,817	157,999	24,041	6,511	29,484
1940	1,469	190,143	51,884	713	8,572	5,512	178,515	39,840	5,819	30,325
1941	1,692	355,895	109,809	311	3,974	6,201	214,563	69,597	4,930	23,697
1942	1,230	358,395	205,699	359	3,447	5,978	251,055	115,594	4,574	19,327
1943	1,838	397,847	240,269	273	3,136	7,169	450,934	252,706	2,953	9,893
1944	1,890	416,711	259,516	202	3,266	7,904	577,262	347,195	2,065	5,275
<b>Chemicals and allied products <sup>1</sup></b>						<b>Petroleum and other mineral oil products</b>				
1937	2,107	457,119	64,144	3,576	19,062	324	300,815	34,951	381	21,257
1938	2,732	336,390	51,535	3,890	27,006	315	146,406	15,031	398	38,121
1939	3,201	541,314	84,156	3,349	17,457	350	196,590	20,533	323	16,828
1940	3,437	658,036	175,040	3,313	16,636	334	297,700	49,466	321	19,885
1941	4,167	991,722	441,075	2,344	11,475	412	566,282	137,092	207	5,154
1942	4,109	1,088,135	557,964	2,066	13,083	399	544,700	218,991	186	2,128
1943	4,465	1,215,599	695,590	1,578	11,129	332	761,438	312,248	150	2,266
1944	4,349	1,255,441	714,425	1,601	10,424	332	652,071	254,870	114	2,948
<b>Stone, clay, and glass products</b>						<b>Metal and its products <sup>1</sup></b>				
1937	1,664	161,524	25,486	2,263	17,416	10,491	1,381,350	240,821	8,775	70,727
1937						10,738	1,416,555	247,085	9,134	80,587
1938	1,393	88,915	14,226	2,208	23,839	6,800	574,409	92,926	10,857	221,231
1939	1,771	157,643	26,160	1,752	11,793	9,768	1,097,576	183,730	7,885	94,276
1940	1,940	213,456	57,366	1,550	12,244	11,435	2,065,699	350,862	6,091	54,646
1941	2,155	345,059	159,380	1,123	8,568	13,631	4,631,584	2,473,795	3,587	28,413
1942	1,841	378,320	223,874	1,200	11,873	14,150	7,173,360	4,646,503	3,648	47,343
1943	1,721	318,067	191,496	1,114	16,338	13,862	8,872,988	5,978,396	3,559	54,641
1944	1,722	257,592	150,417	983	14,247	13,894	7,764,895	4,899,972	3,230	62,110

<sup>1</sup> To improve historical comparability, figures for 1938 through 1944 are adjusted by transferring certain minor groups from classification in which shown in tables 364 and 365 to the classification in which shown here for 1937 (figures in roman). Figures for 1937 in italics show adjusted amounts which would have resulted if industrial classification of 1938 and subsequent years had been in effect.

<sup>2</sup> Bone, celluloid, and ivory products are included in "Manufacturing—All other," for 1938 and subsequent years.

## No. 363.—INCOME TAX RETURNS, CORPORATION, BY INDUSTRIAL GROUPS: 1937 TO 1944—Continued

(All money figures in thousands of dollars)

YEAR	RETURNS WITH NET INCOME			RETURNS WITH NO NET INCOME		RETURNS WITH NET INCOME			RETURNS WITH NO NET INCOME	
	Number	Net income	Total tax	Number	Deficit	Number	Net income	Total tax	Number	Deficit
Manufacturing—Continued										
Motor vehicles, complete or parts <sup>1</sup>						Manufacturing—All other <sup>1</sup>				
1937	381	415,814	65,726	426	13,047	2,166	136,668	23,270	3,319	20,436
1937 <sup>1</sup>						2,045	115,168	19,340	3,154	14,086
1938	357	206,083	31,021	577	60,499	2,049	95,035	15,747	3,021	28,511
1939	443	384,005	60,706	397	17,786	2,586	128,902	21,845	3,368	15,793
1940	498	576,796	178,785	310	9,411	2,979	162,038	44,766	3,187	16,810
1941	546	864,547	439,790	193	3,494	4,352	331,792	153,339	2,450	12,252
1942	514	413,212	255,606	148	933	4,238	442,652	266,587	1,939	12,032
1943	477	415,677	263,487	100	576	4,355	646,700	423,613	1,382	9,076
1944	461	340,072	231,189	86	628	4,589	582,821	373,282	1,632	14,037
Construction <sup>1</sup>						Transportation and other public utilities <sup>1</sup>				
1937	6,103	84,403	14,517	10,761	36,890	10,856	1,503,021	198,179	13,816	410,004
1937 <sup>1</sup>	6,017	74,606	12,951	10,644	35,844					
1938	5,290	73,296	12,026	11,675	40,820	9,554	1,256,328	176,000	12,861	539,690
1939	5,836	79,700	12,793	10,861	41,228	10,857	1,577,495	226,602	11,623	362,263
1940	6,988	112,920	25,487	9,388	36,884	11,799	1,650,824	375,607	10,777	283,362
1941	8,452	210,208	85,837	7,117	25,380	13,301	2,143,636	723,315	9,143	162,221
1942	8,445	384,220	209,424	5,744	21,675	13,234	3,778,128	1,602,611	7,564	97,690
1943	7,716	306,114	179,341	4,852	29,978	13,510	4,674,935	2,483,435	6,343	131,257
1944	7,442	199,907	102,248	4,520	34,590	13,386	4,338,021	2,416,216	6,873	147,919
Trade <sup>1</sup>						Service <sup>1</sup>				
1937	62,432	1,064,765	168,386	80,652	230,798	19,191	225,728	34,146	41,017	210,064
1938	50,189	732,628	113,227	86,198	318,675	12,711	169,118	25,247	31,047	117,573
1939	62,381	1,020,385	164,756	71,881	209,654	14,907	190,860	29,042	30,068	108,930
1940	70,361	1,257,497	203,308	63,668	178,545	17,496	215,990	41,188	29,709	104,705
1941	87,185	2,205,242	358,739	44,947	133,608	21,431	276,800	80,094	25,664	85,024
1942	86,468	2,030,797	1,389,690	36,151	84,933	23,006	442,811	194,547	21,133	62,896
1943	89,892	3,096,000	1,781,852	24,712	62,125	26,355	655,334	342,404	15,515	60,881
1944	88,791	3,261,335	1,879,601	22,600	59,663	26,473	663,027	351,915	14,811	52,443
Finance—Banking, insurance, etc. <sup>1</sup>						Nature of business not given				
1937	43,581	2,143,795	139,786	73,498	802,643	172		91	1,510	4,152
1938	49,976	1,626,847	121,233	86,351	790,206	798	5,202	797	3,328	14,696
1939	53,823	1,697,124	119,836	81,633	623,317	896	5,530	764	3,358	12,296
1940	56,847	1,938,757	176,334	80,865	1,144,412	1,600	8,897	1,512	5,433	57,959
1941	63,932	2,086,042	288,055	74,701	1,060,812	2,176	16,349	5,140	5,123	58,317
1942	66,046	2,434,510	358,009	60,237	470,815	2,044	22,286	8,484	3,980	28,231
1943	72,388	2,683,656	420,810	50,792	393,030	1,897	25,046	9,331	3,355	17,378
1944	80,229	3,096,660	508,837	49,254	280,889	1,824	17,875	6,903	3,277	9,111

<sup>1</sup> To improve historical comparability, figures for 1938 through 1944 are adjusted by transferring certain minor groups from classification in which shown in tables 364 and 366 to the classification in which shown here for 1937 (figures in roman). Figures for 1937 in italics show adjusted amounts which would have resulted if industrial classification of 1938 and subsequent years had been in effect.

<sup>2</sup> Bone, celluloid, and ivory products are included in "Manufacturing—All other," for 1938 and subsequent years.

<sup>3</sup> See note 7, table 360.

Source. Treasury Department, Bureau of Internal Revenue, Statistics of Income, Part 2.



## No. 864.—INCOME TAX RETURNS, CORPORATION, BY MAJOR AND MINOR INDUSTRIAL GROUPS: 1944

[All money figures in thousands of dollars. See headnote and footnotes, table 300]

MAJOR AND MINOR INDUSTRIAL GROUPS	RETURNS WITH NET INCOME				RETURNS WITH NO NET INCOME		
	Number of returns	Total compiled receipts <sup>1</sup>	Net income	Total tax	Number of returns	Total compiled receipts <sup>1</sup>	Deficit
<b>All industrial groups</b>	<b>268,904</b>	<b>252,962,944</b>	<b>27,123,741</b>	<b>14,884,050</b>	<b>123,563</b>	<b>9,237,587</b>	<b>819,266</b>
<b>Mining and quarrying, aggregate</b>	<b>3,796</b>	<b>3,480,815</b>	<b>368,801</b>	<b>167,537</b>	<b>3,824</b>	<b>546,781</b>	<b>51,427</b>
Metal mining, total	222	709,244	110,481	42,269	645	68,993	10,823
Iron	36	156,411	11,471	4,934	41	30,374	1,842
Copper	16	250,488	57,029	22,425	36	11,854	1,240
Lead and zinc	62	183,045	16,969	6,654	80	5,822	1,138
Gold and silver	40	19,899	3,616	1,146	269	5,683	2,720
Other metal mining	32	53,061	16,241	5,862	81	3,066	1,614
Metal mining not allocable	36	56,351	4,555	1,348	118	6,076	2,298
Anthracite mining	79	327,128	15,682	6,092	87	66,589	1,797
Bituminous coal, lignite, peat, etc.	932	1,425,746	101,000	48,926	652	177,377	8,263
Crude petroleum and natural gas production, total	1,694	696,385	97,974	37,906	1,629	178,237	22,608
Crude petroleum, natural gas, and natural gasoline production	1,612	489,580	70,803	26,834	1,463	163,261	21,623
Field service operations	262	205,806	27,169	12,072	166	14,976	986
Nonmetallic mining and quarrying, total	650	314,184	42,797	21,998	661	53,537	6,957
Stone, sand, and gravel	616	192,961	20,010	9,586	490	40,878	4,758
Other nonmetallic mining and quarrying	127	120,641	22,733	12,396	164	12,373	2,154
Nonmetallic mining and quarrying not allocable	7	642	54	13	7	479	47
Mining and quarrying not allocable	19	9,147	868	339	170	2,187	978
<b>Manufacturing, aggregate</b>	<b>61,044</b>	<b>151,218,292</b>	<b>15,007,518</b>	<b>9,391,328</b>	<b>15,875</b>	<b>2,907,101</b>	<b>156,679</b>
Food and kindred products, total	6,959	19,487,146	1,124,592	661,806	1,816	432,630	13,398
Bakery products	1,101	1,577,872	127,738	77,224	350	59,088	1,331
Confectionery	475	965,163	129,074	84,774	47	1,817	288
Canning fruits, vegetables, and sea foods	956	1,711,053	164,151	90,933	243	52,908	2,812
Meat products	675	7,209,926	174,456	110,766	146	106,631	1,317
Grain mill products, except cereal preparations	713	2,433,566	84,276	47,712	159	42,987	1,261
Cereal preparations	24	379,934	30,442	17,922	10	596	12
Dairy products	1,280	2,440,498	152,877	97,026	431	75,191	978
Sugar	103	833,669	55,522	23,326	28	46,949	2,647
Other food, including ice and flavoring syrups	1,361	1,363,337	158,025	79,731	334	33,340	2,064
Food and kindred products not allocable	270	672,129	57,428	32,391	69	13,384	690
Beverages, total	2,188	3,723,064	390,946	233,805	410	76,787	3,604
Malt liquors and malt	427	1,804,494	184,931	111,920	32	14,258	513
Distilled, rectified, and blended liquors	157	1,271,320	94,936	61,397	38	36,374	1,071
Wine	116	111,646	21,019	14,449	33	3,209	242
Nonalcoholic beverages	1,465	500,567	82,538	43,766	302	21,780	1,760
Beverages not allocable	23	35,037	3,523	2,273	5	165	19
Tobacco manufactures	170	2,130,370	166,400	79,855	37	5,442	104
Cotton manufactures	744	2,755,769	277,723	183,781	65	31,662	1,352
Textile-mill products, except cotton, total	3,029	4,873,342	516,388	327,787	374	70,297	3,807
Woolen and worsted manufactures, including dyeing and finishing	474	1,385,382	155,433	105,521	48	13,096	748
Rayon and silk manufactures	360	740,122	79,118	48,850	35	2,931	184
Knit goods	1,021	1,061,782	108,599	67,751	77	6,496	221
Hats, except cloth and millinery	178	161,337	11,501	6,128	28	3,641	64
Carpets and other floor coverings	81	293,987	21,808	11,016	26	4,657	328
Dyeing and finishing textiles, except woolen and worsted	396	471,382	61,246	39,892	61	8,801	527
Other textile-mill products	304	382,589	39,126	23,147	63	23,013	1,290
Textile-mill products, except cotton, not allocable	213	386,762	39,557	25,482	36	7,662	444
Apparel and products made from fabrics, total	6,157	3,828,425	256,978	158,800	1,079	109,817	2,593
Men's clothing	1,310	1,337,566	99,991	62,643	151	21,428	648
Women's clothing	2,617	1,421,148	83,798	50,282	353	31,631	772
Fur garments and accessories	368	94,029	2,166	673	241	26,696	835
Millinery	293	60,687	2,801	1,171	61	3,818	71
Other apparel and products made from fabrics	1,332	728,496	53,166	34,084	204	20,800	947
Apparel and products made from fabrics not allocable	237	180,520	13,053	7,947	67	5,444	321

For footnotes, see p. 350.

## No. 364.—INCOME TAX RETURNS, CORPORATION, BY MAJOR AND MINOR INDUSTRIAL GROUPS: 1944—Continued

[All money figures in thousands of dollars]

MAJOR AND MINOR INDUSTRIAL GROUPS	RETURNS WITH NET INCOME				RETURNS WITH NO NET INCOME		
	Number of returns	Total compiled receipts <sup>1</sup>	Net income	Total tax	Number of returns	Total compiled receipts <sup>2</sup>	Deficit
<b>Manufacturing—Continued.</b>							
Leather and products, total.....	1,608	2,006,768	140,906	62,089	263	42,719	1,162
Leather, tanned, curried, and finished.....	284	543,413	44,234	26,943	30	1,997	139
Footwear, except rubber.....	801	1,254,456	74,782	42,388	114	29,846	626
Other leather products.....	587	277,620	20,099	11,784	110	9,771	351
Leather and products not allocable.....	26	21,277	1,882	974	9	8,104	55
Rubber products, total.....	372	3,346,732	330,265	233,120	63	9,875	839
Tires and inner tubes.....	23	2,772,624	265,551	189,716	2	22	21
Other rubber products, including rubberized fabrics and clothing.....	339	574,208	64,714	43,404	61	9,844	819
Lumber and timber basic products, total.....	1,645	1,526,322	164,459	84,863	731	132,099	9,463
Logging camps and sawmills.....	1,066	1,131,970	128,509	62,748	545	101,182	7,005
Planing mills.....	579	394,351	35,950	22,115	186	31,917	2,457
Furniture and finished lumber products, total.....	2,963	1,909,176	169,937	99,239	817	95,542	4,262
Furniture (wood and metal).....	1,326	828,940	73,130	42,306	327	43,799	2,426
Partitions and fixtures.....	264	99,097	9,897	6,204	71	6,739	332
Wooden containers.....	414	296,014	26,948	16,497	90	15,094	486
Matches.....	14	77,003	9,313	5,573	2	27	2
Other finished lumber products, including cork products.....	837	529,220	44,848	25,509	280	27,394	1,733
Furniture and finished lumber products not allocable.....	106	78,902	6,801	4,150	47	3,490	275
Paper and allied products, total.....	1,890	3,432,114	416,711	259,816	202	60,885	3,266
Pulp, paper, and paperboard.....	378	1,890,661	226,705	134,968	47	31,210	1,397
Pulp goods and converted paper products.....	1,479	1,540,371	190,908	124,809	150	29,006	1,836
Paper and allied products not allocable.....	3	1,182	98	39	5	667	22
Printing and publishing industries, total.....	7,904	3,391,074	577,362	347,195	2,065	90,812	6,373
Newspapers.....	1,656	1,149,800	260,256	158,628	462	20,684	1,737
Periodicals.....	715	561,997	116,912	76,246	204	6,356	1,963
Books and music.....	533	339,195	51,871	30,362	201	9,706	591
Commercial printing.....	2,365	785,068	92,024	53,400	540	25,280	803
Other printing and publishing.....	1,137	259,180	27,458	14,261	197	7,679	306
Printing and publishing industries not allocable.....	1,296	295,805	28,739	14,400	461	21,104	872
Chemicals and allied products, total.....	4,408	9,795,878	1,302,047	745,069	1,636	166,741	10,864
Paints, varnishes, and colors.....	666	1,026,183	71,662	39,049	132	14,653	670
Soap and glycerin.....	126	746,428	71,693	34,733	47	1,393	83
Drugs, toilet preparations, etc.....	1,470	1,331,339	240,765	144,799	734	27,999	2,160
Rayon (raw material) and allied products.....	6	183,607	34,752	22,324	3	22	28
Fertilizers.....	220	281,601	25,219	14,148	33	3,557	430
Oils, animal and vegetable, except lubricants and cooking oils.....	186	744,982	41,266	26,490	50	41,094	2,377
Plastic materials.....	67	166,797	21,168	13,694	34	3,914	404
Industrial chemicals.....	466	3,922,638	625,891	344,410	128	25,534	2,360
Other chemical products.....	707	496,791	46,199	27,682	287	26,616	1,223
Chemicals and allied products not allocable.....	494	897,710	123,533	77,539	176	11,960	1,109
Petroleum and coal products, total.....	382	9,835,765	652,071	254,870	114	196,380	2,948
Petroleum refining.....	223	9,340,651	621,873	236,373	78	175,657	2,110
Other petroleum and coal products.....	98	496,054	30,199	18,495	36	20,750	827
Petroleum and coal products not allocable.....	1	60	9	2	3	43	10
Stone, clay, and glass products, total.....	1,722	2,152,474	257,592	150,417	983	158,096	14,247
Cut-stone products.....	205	34,604	3,392	1,598	106	5,898	724
Structural clay products.....	275	167,026	12,790	5,299	347	51,925	4,216
Pottery and porcelain products.....	167	172,293	16,387	9,705	46	11,161	919
Glass and glass products.....	321	734,011	95,796	57,641	61	14,544	938
Cement.....	45	119,573	14,360	6,003	41	41,534	4,406
Concrete and gypsum products, wall board.....	394	917,083	17,952	8,295	269	20,902	2,047
Abrasives and asbestos products.....	295	681,829	95,578	61,454	96	11,088	870
Stone, clay, and glass products not allocable.....	40	26,256	1,333	823	15	744	122

For footnotes, see p. 360.

## No. 864.—INCOME TAX RETURNS, CORPORATION, BY MAJOR AND MINOR INDUSTRIAL GROUPS: 1944—Continued

[All money figures in thousands of dollars]

MAJOR AND MINOR INDUSTRIAL GROUPS	RETURNS WITH NET INCOME				RETURNS WITH NO NET INCOME		
	Num- ber of returns	Total compiled receipts <sup>1</sup>	Net income	Total tax	Num- ber of returns	Total compiled receipts <sup>1</sup>	Deficit
<b>Manufacturing—Continued</b>							
Iron, steel, and products, total	5,171	20,537,914	2,165,784	1,406,771	1,065	541,483	29,264
Blast furnaces and rolling mills	92	7,248,567	451,694	254,464	23	167,214	4,922
Structural steel, fabricated; orna- mental metal work	612	606,163	82,904	56,291	125	14,372	639
Tin cans and other tinware	61	490,473	37,805	17,420	9	13,288	2,158
Hand tools, cutlery, and hardware	511	654,934	105,337	69,360	130	17,051	1,093
Heating apparatus, except electri- cal; and plumbers' supplies	768	1,477,726	199,752	133,076	194	50,639	2,939
Firearms, guns, howitzers, mortars, and related equipment	77	995,366	113,135	79,554	10	53,658	7,482
Ammunition	152	2,321,425	293,501	205,017	9	23,085	779
Tanks	9	637,979	80,148	58,130	5	2,481	406
Sighting and fire-control equip- ment, except optical	20	448,753	62,435	34,292	3	954	171
Ordnance and accessories, not else- where classified	58	93,997	11,780	8,167	11	69,415	1,056
Other iron, steel, and products not classified below	2,444	4,168,724	545,854	364,293	507	114,427	6,640
Iron, steel, and products not allo- cable	367	1,393,808	181,438	126,706	39	14,899	979
Nonferrous metals and their products, total	1,779	4,350,328	476,784	295,653	424	77,470	3,789
Nonferrous metal basic products	202	1,583,757	153,775	88,793	64	24,504	1,043
Clocks and watches	43	176,724	23,304	15,115	11	226	17
Jewelry (except costume), silver- ware, plated ware	476	311,551	39,530	25,872	79	9,075	201
Other manufactures of nonferrous metals and their alloys	1,051	1,923,071	230,398	157,112	267	43,599	2,521
Nonferrous metals and products not allocable	7	355,225	29,777	8,760	3	66	7
Electrical machinery and equipment, total	1,392	8,051,196	986,711	672,326	323	74,919	4,029
Electrical equipment for public utili- ty, manufacturing, mining, transportation (except automo- tive), and construction use	570	3,104,884	390,562	260,389	97	33,284	1,574
Automotive electrical equipment	56	275,996	49,180	35,098	21	8,367	551
Communication equipment and phonographs	356	2,998,743	338,617	231,286	65	12,451	1,019
Electrical appliances	89	86,751	11,172	7,240	37	12,726	139
Other electrical machinery and equipment	181	435,021	47,469	31,812	76	6,464	581
Electrical machinery and equip- ment not allocable	140	1,149,801	149,712	106,501	27	1,627	165
Machinery, except transportation equipment and electrical, total	4,721	11,111,627	1,630,889	1,106,643	1,147	213,115	15,275
Special industry machinery	759	844,348	117,797	72,052	191	40,519	3,803
General industry machinery	1,302	2,616,318	431,780	300,649	352	61,424	3,494
Metal-working machinery, includ- ing machine tools	1,273	1,994,330	333,561	229,735	324	56,068	4,298
Engines and turbines	75	1,092,371	144,568	103,854	7	2,792	358
Construction and mining machin- ery	281	1,127,661	165,940	114,462	57	7,475	302
Agricultural machinery	211	1,771,715	193,975	123,233	52	8,516	547
Office and store machines	127	348,645	65,444	42,190	41	9,655	369
Household and service-industry machines	213	272,975	31,313	19,196	53	5,674	412
Machinery, except transportation equipment and electrical, not allocable	480	1,043,263	146,511	101,272	70	20,993	1,691
Automobiles and equipment, except electrical, total	461	3,715,880	340,072	231,189	86	10,880	628
Automobiles and trucks, including bodies and industrial trailers	223	2,820,852	212,445	141,195	33	2,952	127
Automobile accessories, parts (ex- cept electrical), and passenger trailers	235	894,461	127,604	89,987	48	7,387	477
Automobiles and equipment, ex- cept electrical, not allocable	3	567	24	6	5	540	23

For footnotes, see p. 350.

No. 364.—INCOME TAX RETURNS, CORPORATION, BY MAJOR AND MINOR INDUSTRIAL GROUPS: 1944—Continued

[All money figures in thousands of dollars]

MAJOR AND MINOR INDUSTRIAL GROUPS	RETURNS WITH NET INCOME				RETURNS WITH NO NET INCOME		
	Num-ber of returns	Total compiled receipts <sup>1</sup>	Net income	Total tax	Num-ber of returns	Total compiled receipts <sup>1</sup>	Deficit
<b>Manufacturing—Continued</b>							
Transportation equipment, except automobiles, total.....	860	24,533,777	2,110,031	1,421,996	284	244,050	10,558
Railroad and railway equipment....	60	1,055,788	153,827	105,110	16	7,674	267
Aircraft and parts.....	391	18,102,603	1,606,929	1,075,438	101	147,802	4,943
Ship and boat building.....	378	5,334,259	343,957	238,031	153	82,683	4,544
Motorcycles and bicycles.....	12	34,703	4,776	3,149	7	5,486	780
Other transportation equipment, except automobiles.....	17	5,960	529	268	6	406	24
Transportation equipment, except automobiles, not allocable.....	2	464	13	(?)	1		(?)
Other manufacturing.....	2,683	2,729,020	339,344	220,091	828	76,026	6,575
Manufacturing not allocable.....	1,827	1,904,137	217,534	136,148	763	88,346	6,278
<b>Public utilities, aggregate.....</b>	<b>13,067</b>	<b>21,635,269</b>	<b>4,277,770</b>	<b>2,389,327</b>	<b>6,175</b>	<b>862,140</b>	<b>136,892</b>
Transportation, total.....	8,693	14,113,400	2,571,867	1,591,819	4,042	705,799	115,549
Railroads, switching, terminal, and passenger car service companies..	386	10,015,759	1,943,697	1,251,491	236	137,611	63,696
Railway express companies.....	1	255,756	11	4	3	1	5
Railways, street, suburban, and interurban, including bus lines operated in conjunction there-with.....	90	499,675	66,643	34,836	24	121,655	30,641
Taxicab companies.....	427	136,364	15,595	9,584	142	8,934	314
Other highway passenger transportation.....	1,365	691,384	186,429	120,271	398	25,394	1,932
Highway freight transportation, warehousing, and storage.....	4,519	926,603	74,448	33,184	2,195	283,451	11,290
Air transportation and allied services.....	79	259,423	40,627	18,393	179	9,026	846
Pipe line transportation.....	108	251,325	65,047	29,465	37	4,737	488
Water transportation.....	826	721,818	110,712	55,631	354	34,854	3,076
Services incidental to transportation.....	796	317,499	62,547	35,367	416	76,120	2,561
Transportation not allocable.....	96	37,795	6,112	3,594	58	4,016	703
Communication, total.....	2,299	2,695,741	731,259	343,251	1,261	30,973	2,099
Telephone (wire and radio).....	1,719	2,183,510	648,945	293,255	1,177	12,081	1,794
Telegraph (wire and radio) and cable.....	13	220,169	15,114	7,151	9	80	9
Radio broadcasting and television..	565	291,995	67,198	42,844	73	18,795	293
Other communication.....	2	67	3	1	2	17	3
Other public utilities, total.....	2,075	4,826,129	974,643	454,257	872	125,368	19,244
Electric light and power.....	596	3,784,573	768,453	361,279	141	90,009	13,530
Gas, distribution and manufacture..	409	932,555	180,442	82,261	179	28,442	4,597
Water.....	953	90,314	23,582	9,835	452	4,051	769
Public utilities not elsewhere classified.....	88	13,209	1,375	604	75	2,423	307
Other public utilities not allocable..	29	5,476	790	278	25	443	41
<b>Trade, aggregate.....</b>	<b>93,166</b>	<b>59,074,935</b>	<b>3,318,799</b>	<b>1,910,157</b>	<b>24,197</b>	<b>2,648,827</b>	<b>65,537</b>
Wholesale, total.....	27,045	28,636,230	1,241,747	710,542	6,563	1,360,070	26,783
Commission merchants.....	3,715	1,487,997	93,712	47,462	1,420	123,556	2,905
Other wholesalers, total.....	23,330	27,148,233	1,148,035	663,080	5,143	1,236,514	23,878
Food, including market milk dealers.....	4,759	6,668,679	183,407	101,171	1,004	394,732	4,563
Alcoholic beverages.....	932	2,092,169	129,334	87,561	165	39,571	689
Apparel and dry goods.....	2,450	2,105,129	132,449	83,114	342	37,043	966
Chemicals, paints, and drugs.....	1,084	1,402,552	90,805	55,817	325	40,676	845
Hardware, electrical goods, plumbing and heating equipment.....	1,868	1,799,591	100,731	56,756	458	54,134	1,891
Lumber and millwork.....	768	633,647	21,624	10,681	191	31,367	791
Wholesalers, not elsewhere classified.....	9,939	10,683,252	416,569	227,862	2,340	587,082	13,018
Wholesalers, not allocable.....	1,530	1,763,215	73,116	40,118	318	51,910	1,113

For footnotes, see p. 350.

**No. 864.—INCOME TAX RETURNS, CORPORATION, BY MAJOR AND MINOR INDUSTRIAL GROUPS: 1944—Continued**

[All money figures in thousands of dollars]

MAJOR AND MINOR INDUSTRIAL GROUPS	RETURNS WITH NET INCOME				RETURNS WITH NO NET INCOME		
	Number of returns	Total compiled receipts <sup>1</sup>	Net income	Total tax	Number of returns	Total compiled receipts <sup>1</sup>	Deficit
<b>Trade—Continued</b>							
Retail, total	54,905	25,725,219	1,815,432	1,070,764	14,181	994,318	28,331
General merchandise, total	4,682	9,081,878	931,564	618,934	657	35,548	1,209
Department, dry goods, other general merchandise	4,333	7,428,016	754,515	502,991	647	32,266	1,008
Limited-price variety stores	242	1,489,439	166,190	109,273	47	2,408	58
Mail-order houses	102	164,423	19,769	6,670	63	1,179	113
Food stores, including market milk dealers	3,876	5,548,165	148,007	80,088	1,453	176,196	2,540
Package liquor stores	1,416	168,306	6,915	2,352	275	15,561	844
Drug stores	3,376	884,133	53,186	29,464	822	41,520	794
Apparel and accessories	8,701	3,049,428	224,408	137,454	1,267	75,785	2,505
Furniture and house furnishings	3,332	793,975	86,341	41,067	804	45,963	2,182
Eating and drinking places	6,209	1,154,871	66,253	33,532	3,353	225,898	7,715
Automotive dealers, total	5,950	1,148,622	65,443	25,858	1,397	77,416	2,327
Automobiles and trucks	5,394	979,537	56,020	21,577	1,298	71,787	2,171
Accessories, parts, etc.	556	169,084	9,422	4,281	104	5,629	156
Filling stations	1,029	189,284	11,648	6,134	684	37,983	1,180
Hardware	1,811	189,441	14,184	5,426	209	8,348	319
Building materials, fuel, and ice	5,398	1,214,602	68,966	26,321	1,347	108,849	3,822
Other retail trade	5,424	1,309,857	88,161	44,456	1,230	71,707	2,295
Retail trade not allocable	3,562	992,859	40,375	17,078	648	83,263	1,289
Trade not allocable	11,156	4,713,486	261,620	128,851	3,453	302,439	10,422
<b>Service aggregate</b>	22,096	5,653,519	625,563	321,359	12,614	583,536	46,778
Hotels and other lodging places	2,900	924,574	103,983	48,763	1,243	94,999	10,192
Personal service, total	5,662	789,425	61,632	25,778	2,306	120,451	6,007
Laundries, cleaners, and dyers	3,035	584,066	89,177	16,143	1,088	91,969	3,643
Photographic studios	553	57,456	6,616	3,201	137	4,360	249
Other personal service	2,059	147,380	15,839	6,426	1,079	23,979	1,200
Personal service not allocable	6	503	36	9	4	143	14
Business service, total	5,960	940,532	79,979	38,402	2,453	95,965	7,146
Advertising	1,161	547,316	36,375	18,811	398	27,776	768
Other business service	2,790	391,146	43,343	19,450	2,051	68,151	6,356
Business service not allocable	9	2,090	260	141	4	59	2
Automotive repair services and garages	1,834	127,484	8,791	2,976	1,156	38,737	2,041
Miscellaneous repair services, hand trades	1,027	142,809	16,078	9,200	476	17,746	1,480
Motion pictures, total	3,339	1,493,404	269,044	146,978	829	79,509	4,903
Motion-picture production	306	670,860	116,549	68,780	248	41,939	3,652
Motion-picture theatres	2,733	822,544	152,495	88,196	581	37,570	1,250
Amusement, except motion pictures	1,722	263,026	61,194	30,642	1,959	61,043	8,924
Other service, including schools	1,901	360,850	28,830	18,166	2,123	70,786	6,935
Service not allocable	63	11,390	1,032	452	57	4,310	142
<b>Finance, insurance, real estate, and lessors of real property, aggregate</b>	82,837	8,834,643	3,200,226	553,966	51,042	992,161	304,810
Finance, total	24,416	3,507,808	1,356,673	293,637	8,339	126,012	89,774
Banks and trust companies	13,079	2,385,516	729,858	203,447	1,241	69,055	20,324
Long-term credit agencies, mortgage companies, except banks	1,497	24,874	6,330	1,829	1,609	6,050	6,025
Short-term credit agencies, except banks, total	2,280	197,003	54,905	21,177	968	10,394	2,137
Sales finance and industrial credit	929	62,892	19,267	7,536	454	5,463	936
Personal credit	1,020	125,278	33,538	12,906	370	4,033	687
Other short-term credit agencies	77	1,085	282	73	48	242	310
Short-term credit agencies, except banks, not allocable	254	7,838	1,908	668	126	646	205
Investment trusts and investment companies, total <sup>2</sup>	2,476	261,008	195,958	10,971	889	4,570	7,803
Management type	339	131,831	104,184	2,878	71	906	463
Fixed or semifixed type	63	17,007	15,568	1,124	12	45	676
Installment investment plans and guaranteed face-amount certificates	48	18,004	1,833	194	10	343	32
Mineral, oil, and gas royalty companies	83	4,969	1,327	502	54	748	350
Investment trusts and investment companies not allocable	1,943	89,798	74,046	6,273	742	2,528	6,284

For footnotes, see p. 350.

## No. 364.—INCOME TAX RETURNS, CORPORATION, BY MAJOR AND MINOR INDUSTRIAL GROUPS: 1944—Continued

[All money figures in thousands of dollars]

MAJOR AND MINOR INDUSTRIAL GROUPS	RETURNS WITH NET INCOME				RETURNS WITH NO NET INCOME		
	Num-ber of returns	Total compiled receipts <sup>1</sup>	Net income	Total tax	Num-ber of returns	Total compiled receipts <sup>1</sup>	Deficit
<b>Finance, insurance, real estate, and lessors of real property—Con.</b>							
<b>Finance—Continued</b>							
Other investment companies, including holding companies, total.....	1,493	423,919	308,705	36,419	569	10,964	18,227
Holding companies <sup>4</sup> .....	670	247,320	214,024	20,551	247	4,658	12,508
Operating-holding companies <sup>5</sup> .....	823	176,599	94,680	15,868	322	6,296	5,719
Security and commodity-exchange brokers and dealers.....	889	126,350	29,912	7,999	340	11,830	1,849
Other finance companies.....	635	52,633	21,514	8,774	686	9,951	19,260
Finance not allocable.....	1,667	35,706	10,600	3,022	2,007	5,218	14,146
Insurance carriers, agents, etc., total.....	5,331	3,478,155	1,396,996	110,137	2,178	296,220	24,621
Insurance carriers, total.....	1,582	3,273,765	1,365,349	98,215	327	262,277	22,635
Life insurance companies <sup>6</sup> .....	589	1,372,996	1,157,272	34,462	59	1,476	158
Mutual insurance, except life or marine or fire insurance companies issuing perpetual policies.....	416	24,193	18,834	6,263	30	712	97
Other insurance carriers.....	577	1,876,576	189,242	57,489	238	260,088	22,390
Insurance agents, brokers, etc.....	3,749	204,390	31,647	11,922	1,851	33,944	1,986
Real estate, including lessors of buildings, total.....	49,372	1,617,801	334,830	103,182	37,414	533,423	163,105
Owner-operators and lessors of buildings.....	41,770	1,385,285	288,675	89,577	30,145	465,039	127,056
Lessee operators of buildings.....	1,385	55,286	7,404	2,551	1,030	28,057	2,833
Owners for improvement.....	1,592	34,406	9,507	2,400	1,913	10,564	9,711
Trading for own account.....	1,221	15,120	5,541	1,417	1,260	3,651	7,528
Real estate agents, brokers, etc.....	1,797	73,790	10,185	3,009	1,076	12,949	1,181
Title abstract companies.....	785	30,362	6,849	2,434	400	4,260	223
Real estate, including lessors of buildings, not allocable.....	822	23,552	6,668	1,795	1,590	8,904	14,574
Lessors of real property, except buildings, total.....	3,518	230,988	109,728	47,011	3,111	34,505	27,310
Agricultural, forest, etc., properties.....	629	11,199	5,409	1,602	580	2,363	4,394
Mining, oil, etc., properties.....	1,660	84,173	38,896	16,640	1,010	7,674	8,500
Railroad properties.....	223	104,815	52,001	23,613	133	22,126	4,059
Public-utility properties.....	96	20,536	8,250	3,275	65	735	6,968
Other real property, except buildings.....	795	7,123	3,186	974	1,219	1,307	2,929
Lessors of real property, except buildings, not allocable.....	115	3,142	1,986	908	104	302	459
<b>Construction, aggregate.....</b>	<b>7,160</b>	<b>2,699,979</b>	<b>172,738</b>	<b>90,176</b>	<b>4,354</b>	<b>481,986</b>	<b>33,604</b>
General contractors.....	2,944	1,786,905	111,141	57,542	2,117	344,406	24,318
Special trade contractors.....	4,164	905,716	61,129	32,451	2,105	132,479	8,946
Construction not allocable.....	52	7,359	468	183	132	5,101	341
<b>Agriculture, forestry, and fishery, aggregate.....</b>	<b>3,912</b>	<b>822,592</b>	<b>134,453</b>	<b>63,306</b>	<b>2,505</b>	<b>107,035</b>	<b>14,539</b>
Agriculture and services.....	3,603	788,951	128,679	61,336	2,227	97,779	12,591
Forestry.....	178	16,309	3,333	766	163	3,783	1,464
Fishery.....	131	17,332	2,441	1,204	115	5,473	475
Nature of business not allocable.....	1,824	142,901	17,875	6,903	3,277	18,021	9,111

<sup>1</sup> For items included in "compiled receipts," see table 366.<sup>2</sup> Less than \$500.<sup>3</sup> Corporations which derived 90 percent or more of receipts from investments and which at no time during taxable year had investments in corporations in which they owned 50 percent or more of voting stock.<sup>4</sup> Corporations which derived 90 percent or more of receipts from investments and which at some time during taxable year had investments in corporations in which they owned 50 percent or more of voting stock.<sup>5</sup> Corporations which derived less than 90 percent but more than 50 percent of receipts from investments.<sup>6</sup> See note 7, table 360.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 2.



# **No. 865.—INCOME TAX RETURNS, CORPORATION—RECEIPTS, DEDUCTIONS, PROFITS, AND TAX: 1931 TO 1944**

[See headnote and footnotes, table 300. Data represent combined totals for returns reporting net income and those reporting no net income. For number of returns, see table 300]

[All figures in millions of dollars]

YEAR	COMPILED RECEIPTS						COMPILED DEDUCTIONS			
	Total com- piled receipts <sup>1</sup>	Gross sales <sup>2</sup>	Gross receipts from other opera- tions <sup>3</sup>	Other receipts	Tax-exempt income		Total com- piled deduc- tions	Cost of goods sold	Cost of opera- tions <sup>4</sup>	Inter- est paid
					Divi- dends from do- mestic corpora- tions	Interest on Gov- ernment obliga- tions <sup>5</sup>				
1931	108,057	75,494	21,045	8,107	1,969	542	108,834	58,774		4,492
1932	81,639	53,294	19,584	6,946	1,260	554	85,467	41,430		4,043
1933	84,234	57,777	18,982	5,557	1,026	592	85,164	43,620	9,420	3,511
1934	101,490	74,309	18,552	5,753	2,217	659	98,520	57,458	8,670	3,422
1935	114,650	85,332	19,790	5,801	3,014	714	109,227	60,279	9,190	3,261
1936	132,723	100,586	22,886	8,527	( <sup>6</sup> )	724	124,952	78,023	10,859	3,081
1937	142,443	108,383	24,662	8,458	( <sup>6</sup> )	741	134,613	84,168	12,231	3,003
1938	120,454	91,195	20,594	7,933	( <sup>6</sup> )	732	116,323	70,274	9,802	2,871
1939	132,878	101,576	22,206	8,243	( <sup>6</sup> )	703	125,700	77,272	11,128	2,797
1940	148,287	114,642	24,483	8,329	( <sup>6</sup> )	783	138,889	86,739	12,297	2,701
1941	190,432	151,325	29,379	8,918	( <sup>6</sup> )	809	173,757	113,317	15,141	2,424
1942	217,681	173,375	35,283	8,329	( <sup>6</sup> )	895	194,292	130,303	18,909	2,459
1943	249,592	199,814	40,390	8,728	( <sup>6</sup> )	600	221,466	151,799	22,460	2,331
1944	262,301	209,536	42,696	9,376	( <sup>6</sup> )	692	235,654	161,198	24,312	2,289

YEAR	COMPILED DEDUCTIONS—CON.			Com- piled net profit or loss <sup>8</sup>	Net in- come or deficit <sup>10</sup>	Deduc- tion due to net loss for prior year <sup>11</sup>	Total tax <sup>12</sup>	Com- piled net profit less total tax	DIVIDENDS PAID	
	Taxes paid <sup>7</sup>	Depre- ciation and de- pletion	Other deduc- tions							Stock
1931	2,231	4,270	39,067	14,777	13,288	136	299	1,178	5,151	164
1932	2,097	3,940	33,967	11,849	10,644	88	286	4,115	3,898	143
1933	2,124	3,742	22,741	11,830	10,547		423	1,355	3,127	102
1934	2,162	3,674	23,133	2,970	94		596	2,374	4,859	215
1935	2,628	3,701	24,167	5,423	1,696		735	4,688	5,941	136
1936	2,958	3,723	26,308	7,771	7,326		1,191	6,580	7,379	345
1937	3,666	3,806	27,679	7,830	7,354		1,276	6,554	7,514	189
1938	3,765	3,789	25,822	4,131	3,678		890	3,271	5,013	85
1939	3,995	3,880	26,628	7,178	6,735		1,232	5,946	5,747	90
1940	4,317	4,003	28,832	9,848	8,919	123	2,549	6,500	6,089	140
1941	5,025	4,423	33,227	16,678	16,333	330	7,168	9,507	6,701	179
1942	5,194	4,904	32,623	23,399	23,052	378	12,256	11,132	5,607	73
1943	5,699	5,251	33,926	28,126	27,819	226	15,920	12,201	5,728	225
1944	5,905	5,643	36,249	26,547	26,304	149	14,884	11,663	6,057	247

<sup>1</sup> For items included in "Total compiled receipts" see table 366

<sup>2</sup> Gross sales, less returns and allowances, where inventories are an income-determining factor. For "Cost of goods sold," see "Compiled deductions."

<sup>3</sup> Where inventories are not an income-determining factor. Figures for years prior to 1932 represent gross profits from operations other than trade and manufacturing

<sup>4</sup> For 1931-33 consists of wholly tax-exempt interest on obligations of States, Territories, or political subdivisions thereof, or the District of Columbia, securities issued under the Federal Farm Loan Act or such act as amended, and obligations of the United States or its possessions, for 1934 through 1944 includes in addition to the wholly tax-exempt interest, that which is partially tax-exempt. Interest on Treasury notes issued on or after Dec. 1, 1940, and obligations issued on or after Mar. 1, 1941, by the United States or any agency or instrumentality thereof, is wholly taxable and is included in "Other receipts" for 1941-44.

<sup>5</sup> Included in "Other deductions" prior to 1933.

<sup>6</sup> Beginning 1936 "Dividends from domestic corporations" are taxable income tabulated with "Other receipts."

<sup>7</sup> Includes contributions or gifts (limited to 5 percent of net income before deduction of contributions or gifts).

<sup>8</sup> See note 13, table 366

<sup>9</sup> Compiled receipts less compiled deductions.

<sup>10</sup> See note 2, table 360; and note 4, table 370.

<sup>11</sup> Deducted by corporations reporting net income

<sup>12</sup> In addition to income tax, includes declared value excess-profits tax for 1933 and subsequent years; surtax on undistributed profits, 1936 through 1938, the amount for 1938 being that reported on returns with fiscal year beginning in 1937; for 1940-44, excess profits tax under provisions of Second Revenue Act of 1940; and also for 1940 and 1941, defense tax. Defense tax for 1941 is that reported on returns with fiscal years beginning in 1940.

<sup>13</sup> Deficit.

<sup>14</sup> Includes amortization of emergency facilities for 1940 and later years.

Source. Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 2

**No. 366.—INCOME TAX RETURNS, CORPORATION—RECEIPTS,**  
 (All money figures in millions)

	ITEM	All industrial groups	MINING AND QUARRYING							MANUFACTURING
			Total mining and quarrying	Metal mining	Anthracite mining	Bituminous coal lignite peat, etc.	Crude petroleum and natural gas production	Non-metallic mining and quarrying	Mining and quarrying not allocable	Total manufacturing
1	Number of returns <sup>1</sup> .....	412,467	7,620	867	146	1,584	3,523	1,311	189	76,619
2	Compiled receipts, total <sup>2</sup> .....	262,200.5	4,027.6	778.1	393.7	1,603.1	873.6	367.7	11.3	164,216.4
3	Gross sales <sup>3</sup> .....	209,536.8	3,430.4	725.2	343.9	1,455.3	563.0	334.1	8.8	144,044.0
4	Gross receipts from operations <sup>4</sup> .....	42,696.3	445.1	17.3	33.3	112.5	255.6	24.1	2.3	8,340.9
	Interest on Government obligations (less amortizable bond premium):									
5	Wholly taxable <sup>5</sup> .....	1,100.2	4.6	2.5	.3	.9	7	.3	(*)	69.4
6	Subject to declared value excess-profit tax and surtax <sup>6</sup> .....	331.6	1.0	.3	.1	.2	2	.2	(*)	11.0
7	Subject to surtax only <sup>7</sup> .....	18.5	(*)	(*)	(*)	(*)	(*)	(*)	-----	1.1
8	Wholly tax-exempt <sup>8</sup> .....	242.1	.5	.2	(*)	.1	.2	(*)	-----	13.4
9	Other interest.....	2,187.2	6.4	1.1	.2	1.9	2.9	.3	(*)	116.6
10	Rents.....	2,116.1	23.3	1.5	4.4	12.3	2.8	2.2	(*)	210.4
11	Royalties.....	246.5	26.3	2.5	8.3	7.8	9.1	.6	(*)	84.3
12	Excess, net short-term capital gain over net long-term capital loss <sup>9</sup> .....	25.1	1.1	.1	(*)	.1	.8	.1	(*)	3.7
13	Excess, net long-term capital gain over net short-term capital loss <sup>10</sup> .....	402.7	19.8	1.4	.2	1.8	15.2	1.2	.1	109.7
14	Net gain, sales other than capital assets <sup>11</sup> .....	139.7	2.9	.1	(*)	.4	2.1	.3	(*)	6.2
15	Dividends, domestic corporations.....	1,429.4	31.9	17.3	.9	2.7	9.7	1.3	(*)	393.5
16	Dividends, foreign corporations.....	145.2	.6	.4	(*)	.1	(*)	(*)	-----	92.0
17	Other receipts.....	1,584.5	31.7	8.2	2.1	7.0	11.5	3.1	.1	609.2
18	Compiled deductions, total.....	235,653.3	3,709.7	878.3	379.8	1,516.2	798.1	331.8	11.4	139,351.1
19	Cost of goods sold <sup>12</sup> .....	161,197.6	2,418.1	496.3	287.2	1,138.0	232.3	208.9	6.4	110,161.7
20	Cost of operations <sup>13</sup> .....	24,311.8	297.8	11.4	24.2	78.6	187.4	14.6	1.5	6,474.0
21	Compensation of officers.....	3,759.1	51.6	4.1	2.8	14.9	17.8	11.6	.3	1,599.1
22	Rent paid on business property.....	2,487.4	23.2	8.2	2.2	5.9	9.4	2.4	.1	588.5
23	Repairs.....	2,575.2	61.6	5.4	8.9	30.4	5.3	11.5	.1	2,077.3
24	Bad debts.....	335.6	5.0	.1	1.3	1.4	1.3	.4	(*)	67.3
25	Interest paid.....	2,288.2	31.1	4.0	5.9	6.1	12.4	2.6	.2	445.2
26	Taxes paid <sup>14</sup> .....	5,964.7	115.9	26.2	11.4	38.9	27.0	10.2	.2	3,064.2
27	Contributions or gifts <sup>15</sup> .....	234.2	3.4	1.2	.1	1.0	.8	.3	(*)	142.1
28	Depreciation.....	3,950.1	146.0	24.2	7.8	40.4	59.1	15.2	.3	1,825.0
29	Depletion.....	711.7	230.8	59.7	6.6	44.6	104.6	12.7	.6	423.9
30	Amortization.....	981.2	14.1	7.7	.4	1.6	2.9	1.4	.1	740.7
31	Net loss, sales other than capital assets <sup>11</sup> .....	504.2	14.0	2.6	.7	4.6	4.6	1.3	.3	112.7
32	Other deductions.....	26,352.9	297.4	31.1	17.6	104.1	104.3	38.7	1.5	11,589.4
33	Compiled net profit or net loss.....	25,546.6	317.3	99.8	13.9	92.8	75.6	35.9	15.7	14,964.3
34	Deduct tax-exempt interest.....	242.1	.5	.2	(*)	.1	.2	(*)	-----	13.4
35	Net income or deficit.....	26,304.8	317.4	99.7	13.9	92.7	75.4	35.8	15.7	14,850.9
36	Net operating loss deduction <sup>16</sup> .....	148.8	6.7	.6	1.2	1.8	2.9	.4	(*)	47.9
37	Adjusted excess profits net income.....	12,841.7	68.2	16.5	1.4	24.0	12.7	13.6	(*)	8,851.2
38	Income tax.....	4,353.6	99.1	28.3	4.9	28.4	26.9	10.4	.3	2,199.8
39	Declared value excess-profit tax.....	98.7	.6	(*)	(*)	.1	.3	.1	(*)	70.5
40	Excess profits tax.....	10,431.8	57.9	14.0	1.2	20.4	10.7	11.6	(*)	7,121.0
41	Total tax.....	14,884.1	157.8	42.3	6.1	48.9	37.9	22.9	.3	9,391.3
42	Compiled net profit less total tax.....	11,662.6	160.3	57.6	7.8	43.9	37.7	12.9	15.4	5,473.0

<sup>1</sup> Excludes returns of inactive corporations.<sup>2</sup> Excludes nontaxable income other than tax-exempt interest on Government obligations.<sup>3</sup> Gross sales less returns and allowances where inventories are an income-determining factor. For "Cost of goods sold," see "Compiled deductions."<sup>4</sup> Gross receipts from operations where inventories are not an income-determining factor. For "Cost of operations" see "Compiled deductions."<sup>5</sup> Interest on Treasury notes issued on or after Dec. 1, 1940, and obligations issued on or after Mar. 1, 1941 by U. S. or any agency or instrumentality thereof.

## DEDUCTIONS, PROFITS, AND TAX, BY MAJOR INDUSTRIAL GROUPS: 1944

of dollars. See headnote and footnotes, table 360]

MANUFACTURING—continued													
Food and kindred products	Beverages	Tobacco manufactures	Cotton manufactures	Textile-mill products, except cotton	Apparel and products made from fabrics	Leather and products	Rubber products	Lumber and timber basic products	Furniture and finished lumber products	Paper and allied products	Printing and publishing industries	Chemicals and allied products	
8,774	2,598	207	809	3,403	7,236	1,961	435	2,376	3,780	2,062	9,969	6,044	1
19,929.0	3,798.9	2,135.8	2,787.6	4,943.6	3,938.2	2,139.5	3,356.6	1,659.0	2,005.7	3,493.0	3,481.9	9,952.6	2
19,639.0	3,751.9	2,115.9	2,734.5	4,744.4	3,811.6	2,113.4	3,283.2	1,566.8	1,970.3	3,440.3	3,189.2	9,198.2	3
112.1	13.5	4.5	25.3	153.8	101.2	10.6	40.7	27.2	14.2	7.3	217.4	555.4	4
4.4	1.4	.2	1.8	3.4	1.1	1.2	1.6	1.3	1.0	2.7	2.9	7.4	5
.6	.1	.2	.1	.1	.1	.1	.1	.1	.1	.5	1.0	1.0	6
.1	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	.1	7
.8	.2	.1	.1	.3	.1	.1	.1	.1	.3	.3	.6	.9	8
11.9	2.5	3.0	1.5	3.2	1.2	.8	1.8	1.8	.9	3.4	3.1	8.4	9
18.5	5.1	2.8	7.2	6.1	2.4	1.4	4.1	6.3	2.7	6.8	10.9	15.5	10
2.8	.5	( <sup>6</sup> )	.2	.9	4.7	.1	2.2	1.6	.2	2.2	6.0	12.6	11
.2	.2	( <sup>6</sup> )	.1	.1	.1	( <sup>6</sup> )	( <sup>6</sup> )	.2	( <sup>6</sup> )	.1	.1	.1	12
10.6	2.1	1.6	2.7	3.2	.8	.6	.4	34.3	2.3	3.7	3.2	6.8	13
1.0	.3	( <sup>6</sup> )	.1	.4	.1	.1	.1	1.0	.2	.1	.3	.5	14
21.1	3.9	4.7	1.9	5.5	1.7	1.4	2.1	3.4	1.9	6.3	13.8	104.1	15
8.7	( <sup>6</sup> )	.9	( <sup>6</sup> )	.8	( <sup>6</sup> )	( <sup>6</sup> )	6.0	( <sup>6</sup> )	.3	1.7	.9	11.3	16
88.4	17.0	2.0	12.1	21.4	13.3	9.5	14.4	15.0	11.4	17.6	32.2	30.3	17
18,808.0	3,415.3	1,969.4	2,511.1	4,430.7	3,684.8	1,999.5	2,027.2	1,564.0	1,840.8	3,079.3	2,916.3	8,660.6	18
16,292.6	2,299.0	1,725.8	2,214.4	3,705.1	3,014.0	1,734.7	2,537.7	1,165.3	1,488.5	2,479.4	1,912.6	6,262.4	19
47.8	3.8	.7	11.0	102.7	76.5	3.4	.4	15.6	9.6	1.9	113.5	488.6	20
133.7	39.8	5.9	22.6	84.8	118.8	41.5	15.6	31.0	55.4	58.9	125.3	113.1	21
46.0	8.0	1.6	2.2	14.9	28.4	10.1	9.0	4.2	10.5	14.3	34.0	34.0	22
172.9	30.0	2.6	31.8	51.2	8.3	14.2	44.6	16.9	22.8	74.7	15.5	131.7	23
6.8	2.2	.1	.7	1.9	1.6	.7	2.2	2.5	1.7	1.8	8.8	6.0	24
42.3	11.2	10.7	5.3	11.6	6.7	3.3	9.7	6.2	4.3	13.8	11.9	23.8	25
220.5	580.0	99.6	43.1	76.4	49.6	26.8	67.3	30.1	34.8	62.7	69.9	154.5	26
11.2	5.1	.7	4.2	7.6	5.6	2.5	1.5	1.3	2.1	4.4	7.4	8.3	27
153.2	43.6	6.7	38.8	59.0	14.1	10.8	34.2	32.9	20.7	72.9	44.8	169.8	28
.5	.2	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	.2	42.4	.9	3.7	( <sup>6</sup> )	12.9	29
7.1	1.2	( <sup>6</sup> )	2.9	2.3	.4	.2	12.0	1.5	1.1	8.5	.2	73.4	30
15.0	3.6	.2	2.9	5.7	.9	.5	4.8	3.7	1.2	4.4	4.8	5.3	31
1,658.5	387.9	114.9	131.1	307.5	360.0	150.8	288.1	150.2	187.1	278.0	561.6	1,176.7	32
1,112.0	383.5	166.4	276.5	512.9	253.4	139.9	329.4	155.1	165.0	413.7	571.6	1,292.1	33
.8	.2	.1	.1	.3	( <sup>6</sup> )	.1	( <sup>6</sup> )	.1	.3	.3	.6	.9	34
1,111.2	383.3	166.3	276.4	512.6	253.4	139.8	329.4	155.0	164.7	413.4	571.0	1,291.2	35
3.1	1.8	( <sup>6</sup> )	.2	1.8	1.2	.8	.1	.9	1.6	.8	5.4	2.1	36
528.2	199.4	33.9	178.3	300.3	142.2	65.1	249.5	61.0	82.2	228.7	302.7	598.2	37
218.9	69.9	50.9	37.8	78.9	36.6	26.9	30.8	33.3	29.6	69.5	94.7	239.6	38
3.3	.5	.1	.5	2.4	3.1	.6	1.5	.4	1.3	1.1	2.5	3.0	39
439.5	163.4	28.8	145.5	246.5	117.0	54.6	200.8	51.2	68.3	189.2	250.1	502.4	40
661.8	233.8	79.9	183.8	327.8	156.8	82.1	233.1	84.9	99.2	259.8	347.2	745.1	41
450.2	149.7	86.5	92.7	185.1	96.6	57.9	96.3	70.2	65.7	153.9	224.4	547.0	42

<sup>6</sup> Less than \$50,000.;<sup>7</sup> Interest on U. S. savings bonds and Treasury bonds owned in principal amount of over \$5,000 issued prior to Mar. 1, 1941.<sup>8</sup> Interest on obligations of instrumentalities of U. S. (other than obligations of Federal land banks, joint-stock land banks, and Federal intermediate credit banks) issued prior to Mar. 1, 1941.<sup>9</sup> Interest on obligations of States, Territories, or political subdivisions thereof, District of Columbia, and U. S. possessions; obligations of U. S. issued on or before Sept. 1, 1917; all postal savings bonds; Treasury notes issued prior to Dec. 1, 1940, and Treasury bills issued prior to Mar. 1, 1941; obligations issued prior to Mar. 1, 1941, by Federal land banks, joint-stock land banks, and Federal intermediate credit banks; and U. S. savings bonds and Treasury bonds owned in principal amount of \$5,000 or less, issued prior to Mar. 1, 1941.

## No. 366.—INCOME TAX RETURNS, CORPORATION—RECEIPTS, DEDUC-

[All money figures in

		MANUFACTURING—continued								
	ITEM	Petro- leum and coal prod- ucts	Stone, clay, and glass prod- ucts	Iron, steel, and prod- ucts	Non- ferrous metals and their prod- ucts	Elec- trical ma- chin- ery and equip- ment	Ma- chin- ery, except trans- porta- tion equip- ment and elec- trical	Auto- mobiles and equip- ment, except elec- trical	Trans- porta- tion equip- ment, except auto- mobiles	Other manu- fac- turing
1	Number of returns <sup>1</sup> .....	446	2,705	6,236	2,203	1,715	5,868	547	1,144	3,511
2	Compiled receipts, total <sup>2</sup> .....	10,032.1	2,310.6	21,079.4	4,427.8	8,126.1	11,324.7	3,726.8	24,777.8	2,805.0
3	Gross sales <sup>3</sup> .....	9,218.1	2,261.3	20,132.3	4,273.2	8,001.1	11,084.5	3,707.5	19,104.3	2,759.4
4	Gross receipts from operations <sup>4</sup> .....	509.5	12.9	725.5	100.9	36.4	139.0	.9	5,489.2	17.5
	Interest on Government obliga- tions (less amortizable bond premium):									
5	Wholly taxable <sup>5</sup> .....	4.1	2.1	17.9	2.8	4.6	9.8	1.5	13.4	1.9
6	Subject to declared value excess-profits tax and sur- tax <sup>7</sup> .....	.9	.5	1.5	.2	1.1	1.3	.1	.9	.4
7	Subject to surtax only <sup>8</sup> .....	.2	( <sup>9</sup> )	.1	( <sup>9</sup> )	.4	.1	( <sup>9</sup> )	.1	( <sup>9</sup> )
8	Wholly tax-exempt <sup>9</sup> .....	1.0	.6	.8	.1	5.5	.9	( <sup>9</sup> )	.5	.1
9	Other interest.....	24.9	1.7	16.1	1.5	6.9	5.4	1.5	12.4	1.6
10	Rents.....	45.7	3.4	37.9	3.9	4.9	7.4	2.6	7.5	3.0
11	Royalties.....	8.6	2.4	10.9	1.6	11.3	5.8	1.1	6.0	1.4
12	Excess, net short-term capital gain over net long-term capi- tal loss <sup>10</sup> .....	.2	.2	.3	( <sup>9</sup> )	.7	.3	( <sup>9</sup> )	.3	.2
13	Excess, net long-term capital gain over net short-term capi- tal loss <sup>10</sup> .....	8.8	1.9	6.4	1.4	2.1	4.3	.7	6.4	1.5
14	Net gain, sales other than capi- tal assets <sup>11</sup> .....	.1	.3	.5	.1	.1	.4	( <sup>9</sup> )	.2	.2
15	Dividends, domestic corpora- tions.....	102.8	4.3	35.7	14.4	20.1	11.0	.4	28.2	3.6
16	Dividends, foreign corporations.....	26.4	6.2	3.2	2.1	7.3	4.7	3.0	5.3	2.8
17	Other receipts.....	80.9	13.0	90.3	25.4	23.5	49.7	7.4	103.2	11.5
18	Compiled deductions, total.....	9,382.0	2,066.6	18,942.1	3,954.7	7,137.9	9,708.2	3,387.3	22,677.9	2,472.2
19	Cost of goods sold <sup>12</sup> .....	6,694.8	1,576.6	15,435.4	3,259.9	6,108.3	7,940.7	2,970.1	15,980.7	1,925.6
20	Cost of operations <sup>13</sup> .....	262.2	6.5	498.1	58.8	3.0	11.8	.4	4,744.3	9.1
21	Compensation of officers.....	19.6	42.4	211.7	56.1	62.0	174.3	17.4	56.3	62.5
22	Rent paid on business property.....	80.6	8.0	90.6	38.6	27.3	39.5	7.9	54.5	15.4
23	Repairs.....	163.1	49.8	526.9	63.2	91.9	187.7	86.6	244.4	25.6
24	Bad debts.....	11.5	2.0	11.2	5.3	1.9	6.0	6.2	3.4	1.4
25	Interest paid.....	70.7	6.2	83.0	11.3	25.1	24.4	5.7	43.7	7.9
26	Taxes paid <sup>14</sup> .....	274.1	43.1	367.0	80.7	135.3	192.9	47.5	330.8	65.6
27	Contributions or gifts <sup>14</sup> .....	11.6	2.4	20.1	4.7	6.0	14.0	5.3	10.8	3.5
28	Depreciation.....	332.6	51.5	312.3	66.1	66.2	108.3	32.8	109.2	26.6
29	Depletion.....	307.9	1.7	26.2	25.3	.1	.5	.6	.6	( <sup>9</sup> )
30	Amortization.....	138.6	8.2	196.7	53.7	37.9	73.6	19.8	88.2	7.4
31	Net loss, sales other than capi- tal assets <sup>11</sup> .....	10.5	2.7	23.5	1.7	.9	6.3	1.9	7.1	1.8
32	Other deductions.....	1,004.1	265.5	1,139.4	229.5	572.1	928.4	185.1	1,004.0	319.7
33	Compiled net profit or net loss.....	650.1	243.9	2,137.3	473.1	988.2	1,616.5	339.5	2,099.9	332.9
34	Deduct tax-exempt interest.....	1.0	.6	.8	.1	5.5	.9	( <sup>9</sup> )	.5	.1
35	Net income or deficit.....	649.1	243.3	2,136.5	473.0	982.7	1,615.6	339.4	2,099.5	332.8
36	Net operating loss deduction <sup>15</sup> .....	.4	1.2	4.6	.8	11.5	2.8	.2	2.7	2.1
37	Adjusted excess profits net income.....	79.2	118.5	1,394.3	275.1	715.7	1,170.7	244.0	1,536.2	217.2
38	Income tax.....	187.6	51.6	285.7	69.9	93.4	168.1	36.2	216.6	42.9
39	Declared value excess-profits tax.....	.1	.7	10.9	2.5	5.2	11.4	3.0	12.2	2.0
40	Excess profits tax.....	67.1	98.1	1,110.1	223.3	573.7	927.2	192.0	1,193.3	175.2
41	Total tax.....	254.9	150.4	1,406.8	295.7	672.3	1,106.6	231.2	1,422.0	220.1
42	Compiled net profit less total tax.....	395.2	93.5	730.5	177.5	315.9	509.9	108.3	678.0	112.8

<sup>10</sup> Capital gain or loss is amount of gain or loss arising from sale or exchange of capital assets, defined to consist of property other than (1) stock in trade, (2) other property held primarily for sale to customers, (3) depreciable and real property used in taxpayer's trade or business, and (4) certain short-term Government obligations issued on a discount basis. Such gain or loss is classed as "short-term" if assets were held six months or less, "long-term" if period held was over six months. A net loss from this source is not deductible for current year but may be carried over and applied against capital gains in five succeeding taxable years. (See Statistics of Income, Part 2, for special treatment accorded gain or loss arising from sale or exchange of business property held for more than six months.)

<sup>11</sup> Net gain or loss, sales other than capital assets, consists generally of gain or loss arising from sale or exchange of depreciable and real property used in trade or business and certain short-term Government obligations issued on a discount basis. Exceptions to this rule result from special treatment of certain gains and losses mentioned in note 10.

**TIONS, PROFITS, AND TAX, BY MAJOR INDUSTRIAL GROUPS: 1944—Continued**  
 millions of dollars]

MFG.— con.	PUBLIC UTILITIES				TRADE								
Manu- factur- ing not allo- cable	Total public utili- ties	Trans- porta- tion	Com- muni- cation	Other public utili- ties	Total trade	Wholesale			Retail				
						Total whole- sale	Com- mis- sion mer- chants	Other whole- salers	Total retail	Gen- eral mer- chan- dise	Food stores, includ- ing market milk dealers	Pack- age liquor stores	
2,590 1,992.5	19,242 22,497.4	12,735 14,819.2	3,560 2,726.7	2,947 4,951.5	117,363 61,723.8	33,608 29,996.3	5,135 1,611.6	28,473 28,384.7	69,146 26,711.5	5,339 9,117.7	5,329 5,726.4	1,691 183.9	1 2
1,943.4 26.0	208.8 21,419.0	154.2 14,162.2	3.7 2,511.7	50.8 4,745.1	59,765.9 1,129.4	28,981.7 741.1	1,188.5 389.2	27,793.2 351.9	25,935.3 298.3	8,888.4 27.4	5,671.6 36.0	178.6 4.9	3 4
1.1 .2	24.0 2.2	14.2 1.7	3.4 ( <sup>6</sup> )	6.4 .4	22.6 1.3	7.3 .5	.6 ( <sup>6</sup> )	6.7 .5	13.8 .7	9.2 .3	.4 .1	( <sup>6</sup> ) ( <sup>6</sup> )	5 6
( <sup>6</sup> ) .1 .9 4.3 1.0 .3	.1 7.0 107.4 319.6 5.6 .9	.1 2.2 60.9 273.3 4.7 .7	( <sup>6</sup> ) .1 3.0 23.4 .6 .1	( <sup>6</sup> ) 4.7 43.5 22.8 .3 .1	.3 1.4 45.9 132.1 6.9 1.4	.1 .5 23.4 25.0 3.4 .6	( <sup>6</sup> ) .1 5.1 2.1 .2 .1	.1 .5 18.3 22.9 3.2 .6	.2 .8 18.3 92.8 2.7 .5	.1 .3 6.7 46.6 1.2 .1	( <sup>6</sup> ) .1 .9 4.2 .5 ( <sup>6</sup> )	( <sup>6</sup> ) ( <sup>6</sup> ) ( <sup>6</sup> ) .1 ( <sup>6</sup> ) ( <sup>6</sup> )	7 8 9 10 11 12
3.9	26.6	23.9	.5	2.2	25.1	10.7	.8	9.9	10.5	2.9	.8	.1	13
.2	2.9	2.7	.1	.1	6.0	2.5	.1	2.4	2.7	.1	.8	.1	14
1.2	306.3	76.0	172.5	57.8	47.0	26.3	7.5	18.7	17.6	8.7	1.2	( <sup>6</sup> )	15
.2 9.7	6.1 61.1	1.0 41.5	1.6 5.9	3.5 13.7	22.2 516.3	8.3 164.9	.2 17.1	8.2 147.8	3.7 313.5	3.7 121.9	( <sup>6</sup> ) 9.8	----- .2	16 17
1,781.1	18,349.6	12,360.7	1,997.5	3,991.4	58,469.1	28,780.8	1,520.7	27,260.1	24,923.7	8,187.1	5,580.8	177.3	18
1,438.1 4.3 50.6 9.0 21.0 1.1 6.4 31.7 1.9 18.2 .4 5.9 3.4	144.6 12,072.6 154.8 682.0 32.1 28.9 977.5 1,377.8 18.2 1,124.3 26.4 218.7 90.7	107.7 8,798.3 113.6 607.1 28.0 6.9 550.5 779.4 7.0 420.8 8.9 173.0 54.0	2.3 1,211.0 12.6 49.1 2.5 5.9 63.2 170.9 4.5 242.8 ( <sup>6</sup> ) .8 2.6	34.6 2,063.4 28.7 771.0 1.7 16.1 363.8 427.5 6.7 460.7 17.5 44.8 34.1	47,105.2 530.8 1,091.6 771.0 174.0 64.4 105.7 578.8 44.9 283.5 3.2 3.7 31.3	25,137.9 321.0 473.5 99.2 42.2 19.2 45.9 175.8 15.3 69.4 2.5 2.9 9.2	1,111.2 137.8 59.1 9.4 1.3 1.8 5.7 12.8 1.7 3.2 ( <sup>6</sup> ) .2 .9	24,026.7 183.2 414.4 89.8 40.9 17.4 40.2 162.9 13.7 66.2 2.5 2.7 8.2	18,132.0 162.3 499.2 626.5 114.1 37.0 50.8 352.9 26.5 184.6 .5 .7 19.7	5,797.6 10.7 78.5 198.4 39.1 9.1 22.6 143.9 14.4 65.6 .1 .1 5.3	4,581.1 22.5 37.8 64.1 19.0 2.1 5.3 43.2 2.3 34.0 ( <sup>6</sup> ) .1 2.1	144.1 4.0 8.5 3.2 .3 ( <sup>6</sup> ) .3 3.1 .1 .6 ( <sup>6</sup> ) ( <sup>6</sup> ) ( <sup>6</sup> )	19 20 21 22 23 24 25 26 27 28 29 30 31
189.0 211.3 .1 211.3 1.7 130.3	1,401.1 4,147.8 7.0 4,140.9 14.8 1,891.3	705.3 2,458.5 2.2 2,456.3 13.7 1,418.2	229.5 729.2 .1 729.2 .6 248.0	466.2 960.1 4.7 955.4 .5 225.1	7,680.9 3,254.7 1.4 3,253.3 18.1 1,602.5	2,366.8 1,215.5 .5 1,215.0 6.3 606.1	175.5 90.9 .1 90.8 1.2 36.9	2,191.3 1,124.6 .5 1,124.2 5.1 569.3	4,716.8 1,787.9 .8 1,787.1 9.3 912.0	1,801.7 930.6 .3 930.3 .4 584.8	767.2 145.6 .1 145.5 1.3 55.7	13.1 6.6 ( <sup>6</sup> ) 6.6 .1 .9	32 33 34 35 36 37
30.4 2.1	816.3 2.9	422.8 2.5	131.8 .3	261.7 .1	565.2 17.9	207.9 5.9	16.3 .4	191.7 5.5	300.8 10.2	128.3 4.6	33.2 .6	1.5 .1	38 39
103.6 136.1 75.2	1,570.2 2,389.3 1,758.5	1,166.5 1,591.8 866.7	211.2 343.3 386.0	192.5 454.3 505.8	1,327.1 1,910.2 1,344.5	496.7 710.5 505.0	30.8 47.5 43.4	465.9 663.1 461.5	759.8 1,070.8 717.1	486.0 618.9 311.7	46.9 80.7 64.9	.8 2.4 4.2	40 41 42

<sup>12</sup> Includes taxes which are reported in "Cost."

<sup>13</sup> Excludes (1) Federal income tax and Federal excess-profits taxes; (2) estate, inheritance, legacy, succession, and gift taxes; (3) income taxes paid to a foreign country or possession of U. S. if any portion is claimed as a tax credit; (4) taxes assessed against local benefits; (5) Federal taxes paid on tax-free covenant bonds; and (6) taxes reported in "Cost of goods sold" and "Cost of operations."

<sup>14</sup> Limited to 5 percent of net income as computed without benefit of this deduction.

<sup>15</sup> Deduction due to net operating loss carry-over from two preceding taxable years.

<sup>16</sup> Compiled net loss or deficit.

No. 366.—INCOME TAX RETURNS, CORPORATION—RECEIPTS, DEDUC-

[All money figures in

		TRADE—continued						
		Retail—Continued						
		Drug stores	Apparel and acces- sories	Furni- ture and house- furnish- ings	Eating and drink- ing places	Auto- motive dealers	Filling sta- tions	Build- ing mate- rials, fuel, and ice
1	Number of returns <sup>1</sup> .....	4, 197	9, 968	4, 336	9, 562	7, 347	1, 603	6, 745
2	Compiled receipts, total <sup>2</sup> .....	925. 7	3, 125. 2	839. 9	1, 380. 8	1, 226. 0	227. 2	1, 323. 5
3	Gross sales <sup>3</sup> .....	907. 0	3, 024. 9	769. 1	1, 287. 3	1, 161. 0	219. 4	1, 277. 1
4	Gross receipts from operations <sup>4</sup> .....	7. 4	22. 1	9. 5	78. 5	45. 2	4. 2	23. 0
Interest on Government obliga- tions (less amortizable bond premium):								
5	Wholly taxable <sup>5</sup> .....	. 1	1. 1	. 8	. 3	. 4	( <sup>6</sup> )	. 5
6	Subject to declared value ex- cess-profits tax and surtax. <sup>7</sup>	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
7	Subject to surtax only <sup>8</sup> .....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
8	Wholly tax-exempt <sup>9</sup> .....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
9	Other interest.....	. 4	1. 3	1. 4	. 3	2. 0	. 1	2. 0
10	Rents.....	1. 7	16. 6	3. 1	5. 0	3. 7	1. 8	4. 3
11	Royalties.....	. 3	. 3	( <sup>6</sup> )	. 1	. 2	( <sup>6</sup> )	. 1
12	Excess, net short-term capital gain over net long-term capital loss. <sup>10</sup>	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	. 1	( <sup>6</sup> )	( <sup>6</sup> )	. 1
13	Excess, net long-term capital gain over net short-term capi- tal loss. <sup>10</sup>	. 8	. 5	. 4	1. 6	1. 1	. 1	1. 4
14	Net gain, sales other than capital assets. <sup>11</sup>	. 1	. 1	. 1	. 4	. 2	( <sup>6</sup> )	. 5
15	Dividends, domestic corpora- tions.	1. 0	2. 7	. 7	. 4	. 5	. 1	1. 1
16	Dividends, foreign corporations.....		( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
17	Other receipts.....	7. 3	55. 4	54. 8	6. 8	11. 4	1. 4	13. 3
18	Compiled deductions, total.....	873. 3	2, 893. 3	755. 7	1, 322. 2	1, 162. 9	216. 8	1, 258. 0
19	Cost of goods sold <sup>12</sup> .....	620. 3	1, 974. 7	414. 0	730. 0	829. 9	163. 0	961. 0
20	Cost of operations <sup>12</sup> .....	3. 9	9. 3	2. 3	49. 5	24. 6	2. 5	15. 9
21	Compensation of officers.....	21. 5	83. 8	40. 0	44. 7	57. 9	4. 5	44. 2
22	Rent paid on business property.....	33. 5	150. 4	27. 1	64. 4	22. 6	3. 4	7. 2
23	Repairs.....	4. 1	10. 2	3. 0	15. 7	5. 8	1. 5	8. 2
24	Bad debts.....	. 3	6. 9	4. 7	. 7	2. 7	. 2	4. 5
25	Interest paid.....	1. 1	4. 1	2. 1	2. 8	4. 1	. 5	3. 3
26	Taxes paid <sup>13</sup> .....	11. 5	35. 4	14. 5	33. 2	14. 8	3. 7	16. 5
27	Contributions or gifts <sup>14</sup> .....	. 5	3. 8	1. 1	. 7	. 8	. 1	. 9
28	Depreciation.....	6. 4	16. 3	5. 0	18. 9	8. 3	3. 8	11. 4
29	Depletion.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	. 1
30	Amortization.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	. 1	. 1	( <sup>6</sup> )	. 2
31	Net loss, sales other than capital assets. <sup>11</sup>	. 3	3. 9	. 8	4. 0	. 6	. 2	1. 3
32	Other deductions.....	169. 9	594. 3	241. 1	357. 4	190. 6	33. 4	183. 3
33	Compiled net profit or net loss.....	52. 4	231. 9	84. 2	58. 6	63. 2	10. 5	65. 5
34	Deduct tax-exempt interest.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	. 1
35	Net income or deficit.....	52. 4	231. 9	84. 2	58. 5	63. 1	10. 5	65. 3
36	Net operating loss deduction <sup>15</sup> .....	. 3	1. 1	. 5	1. 5	. 9	. 1	. 9
37	Adjusted excess profits net in- come.	24. 1	122. 5	23. 1	25. 2	12. 6	4. 2	13. 6
38	Income tax.....	8. 9	34. 3	21. 1	11. 9	14. 8	2. 5	16. 2
39	Declared value excess-profits tax.....	. 3	1. 6	. 4	. 5	. 4	. 1	. 5
40	Excess profits tax.....	20. 2	101. 6	19. 6	21. 1	10. 7	3. 6	11. 6
41	Total tax.....	29. 5	137. 5	41. 1	33. 5	25. 9	6. 1	28. 3
42	Compiled net profit less total tax.....	22. 9	94. 5	43. 2	25. 0	37. 3	4. 3	37. 2

<sup>1</sup> Excludes returns of inactive corporations.  
<sup>2</sup> Excludes nontaxable income other than tax-exempt interest on Government obligations.  
<sup>3</sup> Gross sales less returns and allowances where inventories are an income-determining factor. For "Cost of goods sold," see "Compiled deductions."  
<sup>4</sup> Gross receipts from operations where inventories are not an income-determining factor. For "Cost of operations" see "Compiled deductions."  
<sup>5</sup> Interest on Treasury notes issued on or after Dec. 1, 1940, and obligations issued on or after Mar. 1, 1941, by U. S. or any agency or instrumentality thereof.



## TIONS, PROFITS, AND TAX, BY MAJOR INDUSTRIAL GROUPS: 1944—Continued

millions of dollars]

TRADE—continued			SERVICE										
Retail—Con.		Trade not allo-cable	Total service	Hotels and other lodging places	Per-sonal service	Busi-ness serv-ice	Auto-motive repair serv-ices, and garages	Miscel-laneous repair serv-ices, hand trades	Motion pic-tures	Amuse-ment, except motion pictures	Other service, includ-ing schools	Serv-ice not allo-cable	
Other retail trade	Retail trade not allo-cable												
6,654	4,205	14,609	34,712	4,143	7,960	6,413	2,990	1,503	3,868	3,681	4,034	120	1
1,381.6	1,055.9	5,015.9	5,637.1	1,019.6	909.9	1,036.5	166.2	160.6	1,572.9	324.1	431.6	15.7	2
1,332.6	1,025.9	4,848.9	762.6	338.4	159.9	67.5	72.8	47.8	20.2	28.9	25.5	1.5	3
27.0	11.3	90.0	4,650.5	623.9	740.3	944.8	85.5	110.6	1,458.3	280.2	392.9	13.9	4
.4	.3	1.5	3.0	1.3	.2	.4	( <sup>6</sup> )	( <sup>6</sup> )	.7	.2	.2	( <sup>6</sup> )	5
( <sup>6</sup> )	( <sup>6</sup> )	.1	.2	( <sup>6</sup> )	( <sup>6</sup> )	.1	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	-----	6
( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	-----	7
( <sup>6</sup> )	( <sup>6</sup> )	.1	.1	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	-----	8
1.9	1.1	4.1	7.5	1.3	.4	1.1	.1	.1	4.0	.3	.3	( <sup>6</sup> )	9
2.7	2.5	14.3	83.9	38.2	2.2	6.7	5.1	.2	24.4	5.3	1.7	.1	10
( <sup>6</sup> )	( <sup>6</sup> )	.7	3.5	.4	.1	1.6	( <sup>6</sup> )	( <sup>6</sup> )	.8	.2	.3	( <sup>6</sup> )	11
( <sup>6</sup> )	( <sup>6</sup> )	.2	.5	.1	.1	.1	( <sup>6</sup> )	( <sup>6</sup> )	.1	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	12
.9	.4	3.8	12.8	5.7	1.0	1.8	.5	.4	2.0	.6	.8	( <sup>6</sup> )	13
.1	.1	.8	2.5	.4	.4	.4	.2	( <sup>6</sup> )	.6	.2	.4	( <sup>6</sup> )	14
.6	.5	3.1	31.9	1.9	.6	2.8	( <sup>6</sup> )	( <sup>6</sup> )	25.8	.5	.3	.1	15
( <sup>6</sup> )	( <sup>6</sup> )	10.2	5.7	.1	( <sup>6</sup> )	.2	-----	-----	5.4	( <sup>6</sup> )	( <sup>6</sup> )	-----	16
15.1	13.7	38.0	72.3	7.8	4.9	9.0	1.8	1.4	30.7	7.7	8.9	.1	17
1,295.7	1,016.8	4,764.6	5,058.1	925.8	853.2	963.7	159.5	146.0	1,308.7	281.8	404.7	14.8	18
946.1	831.9	3,835.3	433.5	178.1	85.8	47.1	46.7	30.6	12.9	15.9	15.4	1.0	19
10.4	5.7	47.4	2,513.9	232.9	435.2	564.1	46.2	75.9	767.8	140.6	245.3	6.0	20
47.3	19.9	118.8	226.1	19.0	54.0	65.3	10.9	10.7	26.0	14.1	25.2	1.0	21
36.8	12.0	45.3	221.1	50.6	25.9	17.5	14.6	2.0	82.7	13.1	14.2	.6	22
3.7	3.0	17.7	85.8	37.9	13.4	5.8	1.9	1.1	16.0	6.2	3.2	.1	23
3.0	2.3	8.2	11.5	3.2	2.5	2.0	.4	.2	1.4	.7	1.1	( <sup>6</sup> )	24
2.4	1.7	9.0	54.2	27.8	3.5	2.2	1.5	.4	14.8	2.5	1.4	.1	25
21.0	9.7	50.1	148.2	46.4	21.5	16.1	4.4	2.8	35.4	13.3	7.9	.3	26
1.1	.5	3.1	6.1	1.0	.8	1.0	.1	.1	1.8	1.0	.3	( <sup>6</sup> )	27
7.2	6.0	29.5	138.3	46.7	22.0	15.0	5.7	2.3	29.3	10.1	6.9	.2	28
( <sup>6</sup> )	.2	.2	.4	( <sup>6</sup> )	.3	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	-----	29
.1	( <sup>6</sup> )	.1	1.2	.4	.1	.2	( <sup>6</sup> )	.2	.1	( <sup>6</sup> )	.3	( <sup>6</sup> )	30
1.0	.2	2.5	20.7	6.7	1.3	1.7	.4	.2	8.5	1.5	.4	( <sup>6</sup> )	31
215.7	123.7	597.3	1,197.3	275.1	187.0	225.7	26.9	19.5	312.1	62.7	82.9	5.5	32
85.9	39.1	251.3	578.9	93.8	56.6	72.9	6.8	14.6	264.2	42.3	26.9	.9	33
( <sup>6</sup> )	( <sup>6</sup> )	.1	.1	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	-----	34
85.9	39.1	251.2	578.8	93.8	56.6	72.8	6.8	14.6	264.1	42.3	26.9	.9	35
1.7	.5	2.5	12.5	5.9	1.5	1.2	.4	.3	.9	1.5	.8	( <sup>6</sup> )	36
33.7	9.0	84.3	243.8	30.7	14.2	23.9	1.2	8.8	119.7	29.2	15.8	.3	37
15.9	9.2	56.5	117.4	22.8	13.3	18.1	1.9	1.9	46.8	7.0	5.4	.2	38
.6	.4	1.8	2.1	.2	.4	.4	.1	.3	.3	.2	.2	( <sup>6</sup> )	39
28.0	7.6	70.6	201.9	25.8	12.1	19.9	1.0	7.1	99.9	23.4	12.5	.2	40
44.5	17.1	128.9	321.4	48.8	25.8	38.4	3.0	9.2	147.0	30.6	18.2	.5	41
41.4	22.0	122.5	257.6	45.0	30.9	34.5	3.8	5.4	117.2	11.6	8.8	.4	42

<sup>6</sup> Less than \$50,000.<sup>7</sup> Interest on U. S. savings bonds and Treasury bonds owned in principal amount of over \$5,000 issued prior to Mar. 1, 1941.<sup>8</sup> Interest on obligations of instrumentalities of U. S. (other than obligations of Federal land banks, joint-stock land banks, and Federal intermediate credit banks) issued prior to Mar. 1, 1941.<sup>9</sup> Interest on obligations of States, Territories, or political subdivisions thereof, District of Columbia, and U. S. possessions; obligations of U. S. issued on or before Sept. 1, 1917; all postal savings bonds; Treasury notes issued prior to Dec. 1, 1940, and Treasury bills issued prior to Mar. 1, 1941; obligations issued prior to Mar. 1, 1941, by Federal land banks, joint-stock land banks, and Federal intermediate credit banks; and U. S. savings bonds and Treasury bonds owned in principal amount of \$5,000 or less, issued prior to Mar. 1, 1941.

## No. 366.—INCOME TAX RETURNS, CORPORATION—RECEIPTS, DEDUCTIONS,

All money figures in

ITEM	FINANCE, INSURANCE, REAL ESTATE, AND LESSORS OF REAL PROPERTY							
	Total finance, insur- ance, real estate, and lessors of real property	Finance						
		Total finance	Banks and trust com- panies	Long- term credit agencies, mort- gage com- panies, except banks	Short- term credit agen- cies, except banks	Invest- ment trusts and in- vestment com- panies <sup>17</sup>	Other invest- ment com- panies, includ- ing hold- ing com- panies <sup>18</sup>	Security and com- modity- exchange brokers and dealers
1 Number of returns <sup>1</sup>	133,879	32,955	14,920	3,106	3,278	3,365	2,062	1,229
2 Compiled receipts, total <sup>2</sup>	3,826.8	3,835.7	2,454.6	30.9	207.5	254.2	434.9	138.2
3 Gross sales <sup>3</sup>	63.4	29.7					17.7	
4 Gross receipts from operations <sup>4</sup>	3,839.5	618.6	382.7	14.5	98.6		41.5	54.8
Interest on Government obliga- tions (less amortizable bond premium)								
5 Wholly taxable <sup>5</sup>	953.9	658.1	538.5	.1	1.1	5.6	3.1	7.9
6 Subject to declared value ex- cess-profits tax and surtax <sup>7</sup>	315.1	241.4	230.2	(*)	(*)	.9	.5	3.6
7 Subject to surtax only <sup>8</sup>	16.9	14.0	13.2	(*)	(*)	(*)	(*)	.7
8 Wholly tax-exempt <sup>9</sup>	219.2	153.6	147.6	(*)	1	1.3	.8	2.9
9 Other interest	1,897.0	995.2	796.3	9.5	92.9	26.1	54.6	4.0
10 Rents	1,318.9	109.8	88.4	1.6	1.2	.7	3.8	1.4
11 Royalties	114.2	41.5	1.2	.1	(*)	6.0	1.4	.1
12 Excess, net short-term capital gain over net long-term cap- ital loss <sup>10</sup>	16.8	13.3	7.8	.2	.4	2.8	.6	.6
13 Excess, net long-term capital gain over net short-term cap- ital loss <sup>10</sup>	187.8	142.6	74.1	1.7	1.2	46.3	11.1	3.9
14 Net gain, sales other than cap- ital assets <sup>11</sup>	114.5	59.3	3.1	.6	.4	6.5	1.0	46.4
15 Dividends, domestic corpora- tions	605.3	467.4	17.7	2	2.2	162.8	274.4	7.7
16 Dividends, foreign corporations	18.4	15.8	.8	(*)	(*)	3.9	11.0	.1
17 Other receipts	145.8	78.6	45.9	2.4	9.3	3.1	8.3	3.9
18 Compiled deductions, total	6,712.2	2,213.2	1,597.8	30.6	154.5	75.7	143.6	107.2
19 Cost of goods sold <sup>12</sup>	40.5	19.9					12.3	
20 Cost of operations <sup>13</sup>	98.8	22.4	.4	.9	9.3		2.1	7.2
21 Compensation of officers	466.8	203.3	222.7	5.1	16.6	6.8	10.1	24.6
22 Rent paid on business property	173.3	55.1	40.1	.7	6.7	.7	1.6	3.9
23 Repairs	110.9	15.5	12.5	.2	.3	.1	.9	.5
24 Bad debts	130.1	113.3	75.2	1.3	11.3	4.7	5.2	.6
25 Interest paid	654.8	304.5	208.7	4.9	19.1	18.3	38.2	6.4
26 Taxes paid <sup>14</sup>	593.4	150.4	116.4	1.8	6.8	5.0	10.9	6.0
27 Contributions or gifts <sup>15</sup>	16.3	12.2	10.2	1	.5	.4	.7	.3
28 Depreciation	365.1	61.2	48.1	.5	2.1	.6	3.6	1.3
29 Depletion	25.1	4.1	2	(*)	(*)	2.8	1.0	(*)
30 Amortization	1.4	.1		(*)	(*)		.1	
31 Net loss, sales other than capital assets <sup>11</sup>	221.6	92.7	71.5	3.0	.5	.9	5.2	1.5
32 Other deductions	3,813.8	1,068.3	791.7	12.1	81.3	35.5	51.3	54.9
33 Compiled net profit or net loss	3,114.7	1,422.5	856.9	.3	52.9	190.5	291.3	31.6
34 Deduct tax-exempt interest	219.2	153.6	147.6	(*)	.1	1.3	.8	2.9
35 Net income or deficit	2,895.4	1,268.9	709.3	.3	52.9	189.2	290.5	28.1
36 Net operating loss deduction <sup>16</sup>	41.2	13.0	8.4	.4	.4	.4	1.3	1.3
37 Adjusted excess profits net in- come	67.8	12.9	5.4	.1	3.4	1	.5	.9
38 Income tax	493.4	281.3	198.1	1.7	18.3	10.8	35.7	7.2
39 Declared value excess-profits tax	2.8	1.3	.8	(*)	(*)	(*)	.3	.1
40 Excess-profits tax	67.8	11.0	4.6	1	2.9	1	.4	.7
41 Total tax	554.0	293.6	203.4	1.8	21.2	11.9	36.4	8.0
42 Compiled net profit less total tax	2,560.7	1,128.8	653.5	14.5	31.8	179.3	254.8	23.0

<sup>10</sup> Capital gain or loss is the amount of gain or loss arising from the sale or exchange of capital assets, defined to consist of property other than (1) stock in trade, (2) other property held primarily for sale to customers, (3) depreciable and real property used in the taxpayer's trade or business, and (4) certain short-term Government obligations issued on a discount basis. Such gain or loss is classed as "short-term" if the assets were held six months or less, "long-term" if the period held was over six months. A net loss from this source is not deductible for the current year but may be carried over and applied against capital gains in the five succeeding taxable years. (See Statistics of Income, Part 2, for special treatment accorded the gain or loss arising from the sale or exchange of business property held for more than six months.)

<sup>11</sup> Net gain or loss, sales other than capital assets, consists generally of gain or loss arising from the sale or exchange of depreciable and real property used in trade or business and certain short-term Government obligations issued on a discount basis. Exceptions to this rule result from special treatment of certain gains and losses, mentioned in note 10.

## PROFITS, AND TAX, BY MAJOR INDUSTRIAL GROUPS: 1944—Continued

millions of dollars]

FINANCE, INSURANCE, REAL ESTATE AND LESSORS OF REAL PROPERTY—continued							AGRICULTURE, FORESTRY, AND FISHERY					Nature of business not allocable	
Finance—Continued		Insurance carriers, agents, etc.			Real estate, including lessors of buildings	Lessors of real property, except buildings	Construction	Total agriculture, forestry, and fishery	Agriculture and services	Forestry	Fishery		
Other finance companies	Finance not allocable	Total insurance carriers, agents, etc.	Insurance carriers	Insurance agents, brokers, etc.									
1,321 62.6	3,674 40.9	7,509 3,774.4	1,909 3,536.0	5,600 238.3	86,786 2,151.2	6,629 265.5	11,514 3,182.0	6,417 929.6	5,830 886.7	341 20.1	246 22.8	5,101 160.9	1 2
9.0 7.5	19.0	2,193.6	1,970.4	223.2	30.4 1,027.3	6.3	416.2 2,694.9	763.1 115.9	738.6 102.8	10.1 5.5	14.4 7.6	81.9 61.3	3 4
.1 .1	1.7 .1	290.8 72.6	290.6 72.6	.3 ( <sup>6</sup> )	4.4 .9	.6 .1	1.7 .2	.9 .5	.9 .5	( <sup>6</sup> ) ( <sup>6</sup> )	( <sup>6</sup> ) ( <sup>6</sup> )	.1 ( <sup>6</sup> )	5 6
( <sup>6</sup> ) .1	( <sup>6</sup> ) .7	2.8 64.6	2.8 64.6	( <sup>6</sup> ) ( <sup>6</sup> )	.1 .9	( <sup>6</sup> ) .1	( <sup>6</sup> ) .3	( <sup>6</sup> ) .2	( <sup>6</sup> ) .2	( <sup>6</sup> ) ( <sup>6</sup> )	( <sup>6</sup> ) ( <sup>6</sup> )	( <sup>6</sup> ) ( <sup>6</sup> )	7 8
2.7 6.5	9.0 1.2	871.4 136.5	870.2 135.2	1.1 1.3	28.6 912.3	1.9 160.3	2.2 11.8	2.3 10.9	2.0 10.5	.3 .3	( <sup>6</sup> ) .1	2.0 4.3	9 10
32.1 ( <sup>6</sup> )	.6 .6	.2 .5	.1 .5	.1 .1	2.4 2.7	70.2 .3	.3 .3	2.6 .3	2.5 .3	.2 ( <sup>6</sup> )	( <sup>6</sup> ) ( <sup>6</sup> )	.8 .2	11 12
.4	3.8	8.3	7.6	.6	31.7	5.3	10.6	8.5	6.2	2.2	( <sup>6</sup> )	1.8	13
.5	.9	.4	.1	.2	53.7	1.1	1.7	1.9	.9	.9	.1	1.1	14
1.2	1.1	119.4	115.9	3.5	16.8	1.7	5.0	7.3	7.2	.1	.1	1.1	15
( <sup>6</sup> ) 2.5 60.2	( <sup>6</sup> ) 2.2 43.7	1.3 12.2 2,337.4	1.0 4.5 2,128.7	.2 7.7 208.6	.2 38.7 1,978.6	1.2 16.3 183.0	.1 36.7 3,042.5	( <sup>6</sup> ) 15.2 809.5	( <sup>6</sup> ) 14.2 770.5	( <sup>6</sup> ) .5 18.2	( <sup>6</sup> ) .5 20.8	( <sup>6</sup> ) 6.2 152.1	16 17 18
7.6 1.7 3.4 .5 .8 9.7 3.5 1.7 .1 4.0 .1	.8 4.1 .8 .1 5.4 5.2 1.9 ( <sup>6</sup> ) .8 ( <sup>6</sup> )	28.7 59.5 24.0 1.7 2.3 2.6 95.0 1.5 27.6 ( <sup>6</sup> ) ( <sup>6</sup> )	.6 11.3 16.6 1.3 1.3 1.5 90.1 1.0 26.0 ( <sup>6</sup> ) ( <sup>6</sup> )	28.1 48.1 7.4 .3 1.0 1.0 4.9 .5 1.6 ( <sup>6</sup> ) ( <sup>6</sup> )	15.8 47.7 108.9 90.9 92.3 13.5 286.8 327.4 2.4 266.4 .6 .8	4.8 5.1 3.6 1.5 1.0 60.9 20.5 .2 10.0 20.4 .5	314.0 2,255.2 128.9 13.5 17.9 3.8 8.4 39.0 2.2 37.1 .2 1.3	513.5 46.1 25.6 12.2 14.1 3.8 9.0 23.6 .9 27.7 1.5 .1	493.9 39.4 24.0 11.9 13.2 3.7 8.1 22.4 .9 26.7 .6	8.6 2.5 .7 .1 .1 .8 .8 .8 ( <sup>6</sup> ) .4 .9 ( <sup>6</sup> )	11.0 4.2 .9 .2 ( <sup>6</sup> ) .1 .4 .6 ( <sup>6</sup> ) ( <sup>6</sup> ) ( <sup>6</sup> )	66.5 22.6 14.6 2.4 1.5 .9 2.4 3.9 .2 3.1 .2 ( <sup>6</sup> )	19 20 21 22 23 24 25 26 27 28 29 30 31
7.3	2.8	7.1	7.0	.1	103.6	18.2	3.5	5.9	5.1	.9	( <sup>6</sup> )	3.8	31
19.8 2.3 .1 2.3 .2 2.0	21.6 2.8 .7 3.5 .6 .6	2,087.5 1,437.0 64.6 1,372.4 2.3 20.6	1,972.0 1,407.3 64.6 1,342.7 1.9 15.7	115.5 29.7 ( <sup>6</sup> ) 29.7 .4 4.9	621.6 172.7 .9 171.7 24.6 19.4	36.3 82.5 .1 82.4 1.3 14.8	217.6 139.4 .3 139.1 3.8 73.5	125.5 120.1 .2 119.9 2.8 39.8	120.6 116.3 .2 116.1 2.3 38.8	2.3 1.9 ( <sup>6</sup> ) 1.9 .5 ( <sup>6</sup> )	2.6 2.0 ( <sup>6</sup> ) 2.0 .1 1.0	30.0 8.8 ( <sup>6</sup> ) 8.8 1.0 3.7	32 33 34 35 36 37
7.0 ( <sup>6</sup> ) 1.7 8.8 16 6.4	2.5 ( <sup>6</sup> ) .5 3.0 5.8	92.5 .1 17.6 110.1 1,326.8	84.8 ( <sup>6</sup> ) 13.4 98.2 1,309.1	7.6 .1 4.2 11.9 17.8	85.1 1.3 16.8 103.2 69.5	34.5 .1 12.4 47.0 35.5	29.5 1.0 59.7 90.2 49.3	29.3 .8 33.2 63.3 56.8	28.2 .8 32.4 61.3 54.9	.7 ( <sup>6</sup> ) ( <sup>6</sup> ) .8 1.1	.4 ( <sup>6</sup> ) .8 1.2 .8	3.8 .1 3.0 6.9 1.9	38 39 40 41 42

<sup>12</sup> Includes taxes which are reported in "Cost."<sup>13</sup> Excludes (1) Federal income tax and Federal excess-profits taxes; (2) estate, inheritance, legacy, succession and gift taxes; (3) income taxes paid to a foreign country or possession of U. S. if any portion is claimed as a tax credit; (4) taxes assessed against local benefits; (5) Federal taxes paid on tax-free covenant bonds; and (6) taxes reported in "Cost of goods sold" and "Cost of operations."<sup>14</sup> Limited to 5 percent of net income as computed without benefit of this deduction.<sup>15</sup> Deduction due to net operating loss carry-over from two preceding taxable years.<sup>16</sup> Compiled net loss or deficit.<sup>17</sup> See note 3, table 364.<sup>18</sup> See notes 4 and 5, table 364.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 2.

## No. 867.—GROSS INCOME OF CORPORATIONS, BY INDUSTRIAL GROUPS: 1937 TO 1944

[In millions of dollars. Gross income is less than total compiled receipts by amount of wholly tax-exempt interest on Government obligations for 1940 and prior years, and by sum of wholly tax-exempt interest and interest subject to surtax only, for 1941-44. For items comprising "total compiled receipts," see table 365. See also headnote, table 360]

INDUSTRIAL GROUP	1937	1938	1939	1940	1941	1942	1943	1944
<b>Total</b> .....	141,967	119,996	133,435	147,808	190,090	217,343	249,286	281,949
Agriculture and related industries <sup>1</sup> .....	783	610	617	652	763	814	880	943
Mining and quarrying <sup>1</sup> .....	3,580	2,689	2,828	3,214	3,859	3,975	3,683	3,898
Manufacturing, total <sup>1</sup> .....	62,457	51,128	58,294	66,980	93,432	119,431	146,398	154,201
Food products <sup>1</sup> .....	10,879	9,988	10,258	10,809	13,516	17,884	19,072	19,919
Liquors and beverages.....	1,822	1,615	1,696	1,833	2,266	2,695	3,287	3,790
Tobacco products.....	1,301	1,290	1,324	1,430	1,584	1,800	2,090	2,136
Textile-mill products <sup>1</sup> .....	4,532	3,214	3,918	4,234	6,067	7,699	8,063	7,749
Clothing and apparel <sup>1</sup> .....	2,250	2,180	2,426	2,620	3,517	4,090	4,359	4,108
Leather and its manufactures.....	1,332	1,126	1,241	1,290	1,778	2,114	2,158	2,139
Rubber, bone, celluloid, and ivory <sup>2</sup> .....	1,107	658	1,084	1,166	1,696	1,891	2,984	3,367
Forest products <sup>1</sup> .....	1,939	1,750	2,117	2,441	3,272	3,568	3,558	3,504
Paper, pulp, and products.....	1,888	1,524	1,771	2,047	2,805	2,895	3,285	3,493
Printing, publishing, etc.....	2,438	2,195	2,268	2,411	2,618	2,702	3,125	3,481
Chemicals and allied products <sup>1</sup> .....	4,220	3,826	4,243	4,741	6,311	7,111	8,461	9,575
Petroleum and other mineral oil products.....	5,287	5,098	5,410	5,684	6,895	7,635	8,650	10,031
Stone, clay, and glass products.....	1,536	1,222	1,505	1,714	2,301	2,347	2,382	2,310
Metal and its products <sup>1</sup> .....	15,343	10,795	13,908	18,280	29,543	47,613	66,589	69,981
Motor vehicles, complete or parts <sup>1</sup> .....	4,753	3,940	3,662	4,796	6,587	4,090	3,862	3,727
All other manufacturing <sup>1,2</sup> .....	1,439	1,601	1,463	1,694	2,677	3,298	4,561	5,007
Construction <sup>1</sup> .....	2,462	2,083	2,366	2,659	3,071	4,897	4,479	3,402
Transportation and public utilities <sup>1</sup> .....	13,449	12,262	13,198	13,836	16,076	18,786	21,469	22,638
Trade <sup>1</sup> .....	45,437	38,582	42,223	46,590	57,038	55,012	57,247	60,508
Service <sup>1</sup> .....	4,837	4,021	4,190	4,470	4,919	5,526	6,258	6,851
Finance—Banking, insurance, etc. <sup>1</sup> .....	8,953	8,414	8,610	9,282	10,138	8,683	8,675	9,237
Nature of business not given.....	9	206	110	124	103	218	227	161

<sup>1</sup> See note 1, table 363.<sup>2</sup> See note 3, table 363.

## No. 868.—DIVIDENDS PAID, ACCORDING TO INCOME TAX RETURNS OF CORPORATIONS, BY INDUSTRIAL GROUPS: 1941 TO 1944

[In millions of dollars. For totals for earlier years, see table 365. See also headnote, table 360]

INDUSTRIAL GROUP	1941		1942		1943		1944	
	Cash	Stock	Cash	Stock	Cash	Stock	Cash	Stock
<b>Total</b> .....	6,700.8	178.9	5,607.1	72.7	5,727.7	224.8	6,057.0	247.2
Agriculture and related industries <sup>1</sup> .....	33.4	1.0	37.1	.2	33.3	.7	34.8	.7
Mining and quarrying <sup>1</sup> .....	368.0	1.6	291.7	.9	377.1	4.9	213.9	1.5
Manufacturing, total <sup>1</sup> .....	2,835.6	76.1	2,611.2	35.6	2,631.7	114.4	2,848.3	134.9
Food products <sup>1</sup> .....	273.5	2.6	241.5	2.1	249.5	6.4	258.5	23.4
Liquors and beverages.....	69.6	.7	67.4	.2	85.2	13.4	69.9	2.6
Tobacco products.....	94.8		70.8		67.5	1	73.2	
Textile-mill products <sup>1</sup> .....	120.8	5.0	114.7	4.6	119.3	29.6	125.2	16.7
Clothing and apparel <sup>1</sup> .....	25.9	3.2	23.7	2.2	30.3	5.6	31.5	5.7
Leather and its manufactures.....	28.6	1.1	25.5	.6	28.3	.8	27.7	2.6
Rubber.....	36.3	.2	25.8	.1	34.7	2	38.5	.3
Forest products <sup>1</sup> .....	63.5	2.9	70.2	2.1	62.9	5.5	61.2	5.5
Paper, pulp, and products.....	91.4	2.0	71.4	.6	76.9	2.8	71.2	6.9
Printing, publishing, etc.....	89.7	4.2	74.1	.6	88.4	2.6	103.8	2.6
Chemicals and allied products <sup>1</sup> .....	325.1	14.2	303.5	2.9	311.8	6.6	309.3	16.5
Petroleum and other mineral oil products.....	293.5	15.8	308.6	5.6	318.4	11.1	368.8	10.7
Stone, clay, and glass products.....	108.4	1.8	71.5	1.7	68.9	2.6	69.7	2.0
Metal and its products <sup>1</sup> .....	654.7	16.7	932.5	10.9	977.6	22.4	1,056.8	25.3
Motor vehicles, complete or parts <sup>1</sup> .....	257.1	.5	46.4	.2	28.7	.8	32.0	1.6
All other manufacturing <sup>1</sup> .....	82.6	5.2	62.6	1.3	61.1	3.8	75.9	12.6
Construction <sup>1</sup> .....	35.5	2.9	36.0	1.8	33.5	2.3	28.0	5.4
Transportation and other public utilities <sup>1</sup> .....	1,129.4	5.2	1,166.8	4.2	1,207.1	7.1	1,261.7	11.2
Trade <sup>1</sup> .....	680.6	24.3	492.0	12.4	534.9	30.4	541.4	11.8
Service <sup>1</sup> .....	105.1	4.7	101.1	1.5	114.1	3.1	125.8	3.4
Finance—Banking, insurance, etc. <sup>1</sup> .....	1,597.0	62.9	975.8	15.9	939.1	60.7	998.0	26.6
Nature of business not given.....	16.2	.2	10.9	.2	6.4	.9	5.3	.2

<sup>1</sup> See note 1, table 363.

Source of tables 367 and 368: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 2.

No. 869.—ASSETS AND LIABILITIES OF CORPORATIONS: 1931 TO 1944

[All money figures in millions of dollars. See headnote, table 360]

DEC. 31 (or at close of fiscal year nearest thereto)	Number of returns of active corpora- tions	Number of balance sheets <sup>1</sup>	Total assets or total liabili- ties <sup>2</sup>	ASSETS					
				Cash <sup>3</sup>	Notes and ac- counts receiv- able <sup>4</sup>	Inven- tories	Invest- ments, Govern- ment obligations <sup>5</sup>	Other invest- ments	Capital assets (less de- precia- tion and depletion reserves)
1931.....	459,704	381,088	296,497	15,880	48,667	15,140	10,667	75,305	114,303
1932.....	451,884	392,021	280,083	15,917	39,564	12,372	11,917	75,630	108,553
1933.....	446,842	388,564	268,206	15,236	35,835	13,597	13,571	70,474	104,958
1934.....	469,804	410,626	301,307	19,961	40,529	14,311	19,084	90,573	102,751
1935.....	477,113	415,205	303,150	23,664	38,690	14,788	21,863	90,163	100,480
1936.....	478,857	415,654	303,180	26,102	40,219	16,584	24,313	86,208	97,873
1937.....	477,838	416,902	303,357	24,346	40,329	18,515	23,988	85,065	100,320
1938.....	471,032	411,941	300,022	27,973	37,763	16,582	25,527	82,701	99,299
1939.....	469,617	412,759	306,801	34,054	39,451	17,718	27,353	81,155	100,226
1940.....	473,042	413,716	320,478	41,423	42,864	19,463	29,570	80,429	100,214
1941.....	468,906	407,053	340,452	41,629	49,255	25,058	36,548	80,354	100,698
1942.....	442,665	383,534	360,018	46,464	46,155	26,832	61,191	70,899	99,772
1943.....	420,521	366,870	389,524	50,271	45,728	27,187	86,655	72,064	97,728
1944.....	412,467	363,056	418,324	52,783	47,894	26,476	111,219	74,392	95,128

DEC. 31 (or at close of fiscal year nearest thereto)	ASSETS— con.	LIABILITIES							
	Other assets	Notes and accounts payable	Bonded debt and mort- gages	Other liabilities	Capital stock <sup>6</sup>		Surplus and un- divided profits	Deficit	Net surplus
					Preferred	Common			
1931.....	16,534	23,251	48,101	81,782	19,217	79,794	51,976	7,624	44,352
1932.....	16,129	20,562	47,222	78,730	19,076	78,413	45,664	9,584	36,080
1933.....	14,535	19,362	45,883	75,384	18,394	74,088	44,792	9,696	35,096
1934.....	14,097	27,021	48,604	84,096	19,976	84,970	48,986	12,347	36,639
1935.....	13,501	25,332	49,822	89,066	19,533	82,733	48,828	12,163	36,665
1936.....	11,882	25,580	47,023	97,109	18,591	78,072	48,043	11,237	36,806
1937.....	10,794	25,121	49,326	<sup>7</sup> 87,276	18,364	77,339	<sup>8</sup> 58,524	<sup>9</sup> 12,594	45,930
1938.....	10,176	21,851	50,278	<sup>7</sup> 90,455	18,108	74,792	<sup>8</sup> 57,669	<sup>9</sup> 13,131	44,537
1939.....	6,846	22,533	49,388	<sup>7</sup> 98,016	17,213	73,482	<sup>8</sup> 59,191	<sup>9</sup> 13,022	46,169
1940.....	6,514	22,683	49,199	<sup>7</sup> 110,210	17,138	72,292	<sup>8</sup> 61,633	<sup>9</sup> 12,676	48,957
1941.....	6,911	25,592	49,542	<sup>7</sup> 122,728	16,214	71,577	<sup>8</sup> 66,658	<sup>9</sup> 11,858	54,800
1942.....	8,706	24,260	45,040	<sup>7</sup> 151,088	15,473	65,828	<sup>8</sup> 68,782	<sup>9</sup> 10,454	58,328
1943.....	9,889	24,265	43,735	<sup>7</sup> 175,859	15,067	64,481	<sup>8</sup> 75,837	<sup>9</sup> 9,720	66,117
1944.....	10,431	24,861	42,454	<sup>7</sup> 200,550	15,112	64,785	<sup>8</sup> 79,757	<sup>9</sup> 9,195	70,562

<sup>1</sup> Excludes returns with fragmentary balance sheet data.

<sup>2</sup> Adjustments are made in tabulating data as follows: (1) Reserves for depreciation, depletion, amortization, and bad debts, when reported under liabilities are used to reduce corresponding asset account, and "Total assets" and "Total liabilities" are decreased by amount of such reserves; and (2) a deficit in surplus, reported under assets, is transferred to liabilities, and "Total assets" and "Total liabilities" are decreased by amount of deficit.

<sup>3</sup> Cash in till and deposits in banks.

<sup>4</sup> Less reserve for bad debts. Includes loans and discounts of banks.

<sup>5</sup> Consists of obligations of United States or any agency or instrumentality thereof; obligations of States, Territories, and political subdivisions thereof, District of Columbia, and United States possessions.

<sup>6</sup> For balance sheets in which common and preferred stock are not reported separately, combined amount is tabulated as "Common stock."

<sup>7</sup> Beginning 1937, excludes "Surplus reserves."

<sup>8</sup> Consists of sum of positive amounts of "Paid-in or capital surplus," "Earned surplus and undivided profits," and "Surplus reserves."

<sup>9</sup> Consists of negative amounts for "Earned surplus and undivided profits."

# No. 870.—INCOME TAX RETURNS, CORPORATION, BY TOTAL-ASSETS CLASSES, BY INDUSTRIAL GROUPS: 1944

[All money figures (except assets classes) in millions of dollars. See headnote table 300]

TOTAL-ASSETS CLASS (thousands of dollars)	Number of returns <sup>1</sup>	Total assets or liabilities <sup>2</sup>	Total compiled receipts <sup>3</sup>	Net income or deficit <sup>4</sup>	Total tax	Number of returns <sup>1</sup>	Total assets or liabilities <sup>2</sup>	Total compiled receipts <sup>3</sup>	Net income or deficit <sup>4</sup>	Total tax
All industrial groups						Mining and quarrying				
Total...	383,056	418,324.1	258,879.6	26,212.8	14,769.1	6,581	5,480.4	3,969.2	318.0	155.8
Under 50.....	176,212	3,528.2	9,003.8	256.9	105.7	2,577	51.6	91.1	2.8	1.1
50-100.....	56,831	4,050.3	7,929.5	350.3	147.7	989	71.3	101.2	.8	1.5
100-250.....	56,782	8,964.2	15,586.9	847.4	432.7	1,190	191.9	237.8	6.3	5.2
250-500.....	20,496	9,322.2	14,777.8	993.3	567.8	627	223.9	263.0	13.2	8.3
500-1,000.....	17,625	12,390.9	16,544.9	1,300.6	816.6	495	346.3	368.3	22.6	13.6
1,000-5,000.....	21,590	40,107.1	41,475.9	3,992.2	2,510.7	522	1,009.9	916.1	64.3	36.6
5,000-10,000.....	3,646	25,285.4	18,084.0	2,067.1	1,292.2	85	412.3	410.7	30.2	15.0
10,000-50,000.....	2,942	60,260.4	40,606.2	4,730.5	2,855.2	84	1,861.5	1,011.8	67.6	36.0
50,000 and over.....	832	248,415.3	94,270.8	11,684.4	6,020.5	12	1,221.6	579.1	89.6	28.6
Manufacturing						Public utilities				
Total...	72,170	95,998.8	152,673.3	14,746.3	9,318.4	16,183	64,957.7	22,328.2	4,181.2	2,361.7
Under 50.....	27,043	572.0	1,837.7	57.3	23.3	8,558	154.3	334.9	13.3	5.4
50-100.....	10,981	789.3	2,174.3	101.7	45.5	2,104	150.0	243.2	18.0	7.2
100-250.....	13,039	2,093.5	5,166.6	328.5	180.0	2,208	350.4	510.1	44.8	25.2
250-500.....	7,897	2,727.2	6,235.3	490.2	305.9	1,100	389.5	487.8	51.0	29.9
500-1,000.....	5,349	3,775.1	8,251.7	754.2	494.6	716	504.8	502.1	57.8	37.4
1,000-5,000.....	5,973	12,595.4	24,075.6	2,572.1	1,713.4	824	1,738.7	1,158.0	173.1	104.2
5,000-10,000.....	1,013	7,081.9	11,798.3	1,401.5	925.4	212	1,505.8	664.3	88.9	55.5
10,000-50,000.....	839	17,210.9	27,830.9	3,202.9	2,128.8	259	6,050.2	2,166.9	483.6	260.4
50,000 and over.....	216	49,153.5	65,302.9	5,831.9	3,501.6	202	54,113.9	16,269.8	3,252.6	1,863.4
Trade						Service				
Total...	106,193	22,674.1	60,660.5	3,226.4	1,895.4	29,389	4,738.6	5,480.6	575.0	316.8
Under 50.....	60,737	1,253.1	5,104.9	140.8	45.9	19,665	324.7	870.8	33.2	14.5
50-100.....	18,219	1,261.4	4,339.8	162.7	61.3	3,717	262.2	487.8	33.9	15.2
100-250.....	15,566	2,420.9	7,830.2	317.6	151.7	3,105	480.2	713.3	61.7	31.2
250-500.....	5,999	2,081.8	6,319.9	294.7	108.1	1,191	416.8	561.4	68.7	33.9
500-1,000.....	3,008	2,071.8	6,006.3	303.4	187.5	690	479.2	508.9	57.2	34.0
1,000-5,000.....	2,298	4,341.3	11,928.3	672.8	430.7	627	1,232.0	1,201.8	168.4	97.9
5,000-10,000.....	261	1,823.2	4,478.8	320.5	208.9	66	432.1	304.5	47.3	28.0
10,000-50,000.....	108	3,292.2	6,989.0	480.9	239.2	27	516.5	434.8	50.2	25.3
50,000 and over.....	27	4,098.5	7,663.3	562.9	352.3	6	594.8	337.3	74.4	25.9
Finance, insurance, real estate, and lessors of real property						Construction				
Total...	113,221	221,042.8	9,514.4	2,905.0	544.0	10,326	1,628.7	3,105.6	138.2	83.7
Under 50.....	46,072	977.9	329.9	8.6	11.0	6,167	108.8	323.5	4.6	2.7
50-100.....	17,971	1,293.2	252.7	23.6	11.2	1,556	111.3	251.8	6.6	3.4
100-250.....	18,836	2,983.0	494.8	61.3	23.1	1,400	234.3	450.5	14.0	9.5
250-500.....	8,716	3,076.2	414.3	57.6	23.9	562	190.3	389.2	14.4	10.3
500-1,000.....	6,700	4,757.0	425.1	72.3	28.4	294	203.1	376.3	14.2	10.6
1,000-5,000.....	10,964	24,180.7	1,257.7	278.4	83.0	221	422.7	704.9	44.4	27.9
5,000-10,000.....	1,965	13,524.6	608.7	138.6	41.1	26	174.1	219.7	16.1	8.5
10,000-50,000.....	1,548	31,235.2	1,744.0	415.4	92.7	10	178.4	354.0	24.9	15.7
50,000 and over.....	449	139,014.3	3,997.3	1,849.2	229.6					
Agriculture, forestry, and fishery						Nature of business not allocable				
Total...	5,224	1,435.7	896.4	119.2	62.1	3,769	367.3	151.2	9.7	4.3
Under 50.....	2,344	50.6	85.1	1.6	1.1	2,769	35.4	25.9	.3	.6
50-100.....	910	64.7	62.9	4.2	1.9	384	27.0	15.9	.9	.6
100-250.....	1,029	160.0	119.7	11.3	5.8	319	49.3	27.7	1.9	1.0
250-500.....	438	152.1	103.0	12.0	6.8	166	58.4	13.9	1.0	.8
500-1,000.....	268	198.7	91.4	17.6	9.8	79	55.0	14.7	1.3	.6
1,000-5,000.....	193	377.3	189.7	25.7	14.5	68	109.1	43.8	3.1	2.8
5,000-10,000.....	14	98.4	39.8	8.3	4.6	4	33.1	9.3	.7	.3
10,000-50,000.....	7	115.4	74.8	14.6	7.1					
50,000 and over.....	1	218.6	130.0	23.9	10.4					

<sup>1</sup> Returns of active corporations submitting balance sheets.

<sup>2</sup> See note 2, table 300.

<sup>3</sup> For items included in "Total compiled receipts," see table 306.

<sup>4</sup> Compiled receipts (exclusive of wholly tax-exempt interest) less compiled deductions. See note 2, table 300.

<sup>5</sup> Deficit.

Source: Treasury Department, Bureau of Internal Revenue, Statistics of Income, Part 2.



## No. 371.—GIFT TAX RETURNS, FEDERAL—SUMMARY: 1940 TO 1943

(All money figures and net gift classes in thousands of dollars)

ITEM	TOTAL				1943: TAXABLE RETURNS—NET GIFT CLASSES					1943 Non-taxable returns, no net gifts
	1940	1941	1942	1943	Under 50	50-200	200-500	500-1,000	1,000 and over	
Number of returns <sup>1</sup>	15,635	25,788	15,906	16,967	4,301	383	59	9	5	12,331
Total gifts before exclusions	576,642	1,051,432	489,223	412,655	113,567	42,799	29,971	7,587	24,513	293,916
Real estate	54,565	104,945	66,000	51,466	16,778	2,730	554	—	2,163	31,261
Stocks and bonds	222,212	668,648	240,610	198,263	49,806	22,431	15,750	4,110	20,720	85,443
Cash	104,002	176,663	86,619	84,910	24,190	9,810	2,039	2,555	1,900	44,223
Insurance	22,178	22,374	10,389	7,146	3,776	251	531	—	28	2,570
Miscellaneous	67,066	106,832	76,605	68,440	18,826	7,478	1,195	919	4	40,416
Exclusions <sup>2</sup>	88,693	149,576	96,480	80,721	24,670	2,318	683	108	237	51,558
Total gifts after exclusions	461,349	931,906	393,743	331,934	88,897	39,373	19,436	7,482	24,676	152,358
Deductions	254,378	447,558	263,091	207,907	45,661	6,236	647	261	4,476	152,368
Charitable gifts after exclusions	72,901	63,236	40,281	37,359	7,194	1,290	217	201	4,470	23,976
Specific exemptions <sup>3</sup>	182,477	384,360	222,809	170,639	37,838	3,932	429	60	—	128,390
Net gifts	228,972	484,319	129,653	123,938	43,446	34,143	18,791	7,226	20,197	—
Tax	\$34,448	\$69,819	\$24,668	\$29,437	\$5,311	\$6,928	\$4,826	\$2,669	\$10,869	—

<sup>1</sup> For 1940-43, return is required of every citizen or resident of U. S. who transferred by gift during calendar year to any one donee, property exceeding \$4,000 in value or who, regardless of value, made a gift of future interest in property or a gift in trust, for 1943, return is required for transfer of property by gift, including gifts in trust, exceeding \$3,000, or for gift of future interest in property, regardless of value. A nonresident alien is similarly required to file return if gift consists of property situated in United States.

<sup>2</sup> There is allowed exclusion of first \$4,000 of gifts made to any one donee during any calendar year 1940-42, except gifts in trust or of future interest in property, for 1943, there is allowed exclusion of first \$3,000 of gifts made to any one donee during calendar year except gifts of future interest in property.

<sup>3</sup> Specific exemption of \$40,000 for 1940-42 or of \$30,000 for 1943 may be taken in 1 year or spread over a period of years at option of donor. The specific exemption allowed each year is \$40,000 (for 1940-42) or \$30,000 (for 1943) less the sum of amounts claimed and allowed in prior years. <sup>4</sup> Includes defense tax.

## No. 372.—ESTATE TAX RETURNS, FEDERAL—SUMMARY: 1929 TO 1944

(All money figures in thousands of dollars. An estate tax return is required to be filed (1) for estate of every citizen and resident alien who died (a) in period Sept. 9, 1916, through 10:34 a. m., Feb. 26, 1926, or in period 5 p. m., June 6, 1932, through Aug. 20, 1935, the value of whose gross estate exceeds \$50,000; (b) in period 10:25 a. m., Feb. 26, 1926, through 4:59 p. m., June 6, 1932, the value of whose gross estate exceeds \$100,000; (c) in period Aug. 31, 1935 through Oct. 21, 1942, the value of whose gross estate exceeds \$40,000; and (d) on or after Oct. 22, 1942, the value of whose gross estate exceeds \$20,000; and (2) for estate of every nonresident alien who died (a) prior to Oct. 22, 1942, any part of whose estate is situated in U. S., at date of death, and (b) on or after Oct. 22, 1942, only if gross estate situated in U. S., at date of death exceeds \$2,000. The estate of an individual who died after 5 p. m., June 6, 1932, is subject to 2 Federal estate taxes—basic tax and additional tax. Basic tax is computed at rates provided by Revenue Act of 1926, which rates are embodied in Internal Revenue Code as basic estate tax. Additional tax is excess of tentative tax computed at rates provided by act in force at date of death, over basic tax.)

FILING PERIOD	RETURNS FILED		GROSS ESTATE		NET TAXABLE ESTATE		TAX	
	Citizens <sup>1</sup> and resident aliens	Non-resident aliens <sup>2</sup>	Citizens <sup>1</sup> and resident aliens	Nonresident aliens <sup>2</sup>	Citizens <sup>1</sup> and resident aliens	Nonresident aliens <sup>2</sup>	Citizens <sup>1</sup> and resident aliens	Nonresident aliens <sup>2</sup>
1929	8,582	1,761	3,843,514	49,732	2,269,323	45,653	43,303	1,065
1930	8,796	1,584	4,108,817	57,106	2,376,973	50,481	39,003	2,614
1931	8,333	1,556	4,042,341	33,196	2,327,319	29,013	44,540	690
1932	7,113	1,394	2,795,818	34,570	1,391,569	31,886	22,364	1,310
1933 <sup>3</sup>	8,727	1,548	2,620,911	34,025	970,968	30,056	59,429	1,966
1934 <sup>3</sup>	10,363	1,500	2,244,107	23,178	1,150,533	20,633	85,228	988
1935 <sup>3</sup>	11,110	1,614	2,435,282	24,609	1,316,838	22,898	153,763	1,703
1936 <sup>3</sup>	11,905	1,715	2,296,257	16,163	1,245,365	14,627	195,301	1,689
1937 <sup>3</sup>	15,037	1,995	2,767,739	26,019	1,622,618	23,995	95,784	2,665
1938 <sup>3</sup>	15,932	1,710	1,946,977	22,648	1,734,589	20,670	114,630	2,182
1939 <sup>3</sup>	15,221	1,708	2,746,141	21,745	1,557,973	20,347	276,797	2,331
1940 <sup>3</sup>	15,435	1,441	2,632,659	15,540	1,479,268	13,916	250,360	1,196
1941 <sup>3</sup>	15,977	1,145	2,777,657	15,783	1,561,215	14,553	261,758	1,641
1942 <sup>3</sup>	16,215	1,181	2,724,513	12,920	1,524,691	11,455	308,342	1,349
1943 <sup>3</sup>	15,187	846	2,627,367	10,471	1,396,697	8,703	362,164	1,212
1944 <sup>3</sup>	14,303	554	2,907,620	8,712	1,508,963	7,272	404,635	1,146

<sup>1</sup> Excludes returns for estates of nonresident citizens who died prior to May 11, 1934.

<sup>2</sup> Includes returns for estates of nonresident citizens who died prior to May 11, 1934.

<sup>3</sup> Net taxable estate for 1933 and subsequent years is net estate for additional tax plus regular net estate for returns filed under the 1926 and prior acts. Tax shown is total net estate tax liability—the sum of net basic tax and net additional tax—and includes defense tax (10 percent of net tax) effective only for estates of individuals who died in period June 26, 1940 through Sept. 20, 1941.

Source of tables 371 and 372: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 1.

No. 373.—ESTATE TAX RETURNS FOR ESTATES OF CITIZENS<sup>1</sup> AND RESIDENT ALIENS FILED DURING 1941 TO 1944

[All money figures and net estate before specific exemption classes in thousands of dollars]

ITEM	TAXABLE, 1944					Total 1944	Nontax- able 1944	TAXED UNDER 1935 AND SUBSEQUENT ACTS, BY NET ESTATE BEFORE SPECIFIC EXEMPTION CLASSES <sup>2</sup>					TAXED UNDER 1934 AND PRIOR ACTS			
	1941	1942	1943	Total 1944	Nontax- able 1944			40-50	50-200	200-600	600-1,000	1,000- 5,000	5,000 and over			
Number of returns	15,977	16,215	15,197	14,393	2,149	14,393	2,149	106	9,439	1,831	252	208	11	17		
Gross estate, total	2,777,857	2,724,513	2,627,367	2,807,629	167,629	2,807,629	167,629	11,191	1,162,086	587,526	236,896	430,517	198,701	2,073		
Real estate	438,416	465,274	427,615	440,235	55,401	440,235	55,401	4,001	247,165	83,543	18,102	24,449	5,299	1,046		
Bonds, exempt or partially exempt <sup>3</sup>	350,214	326,739	298,065	290,726	9,530	290,726	9,530	651	58,104	13,135	20,021	74,655	33,035	4		
Bonds, taxable	251	7,914	63,328	100,862	5,562	100,862	5,562	92	30,582	25,473	8,991	19,223	1,907			
Corporation and other bonds	140,901	140,848	131,071	129,430	7,512	129,430	7,512	237	52,142	40,462	11,117	15,738	2,134	85		
Capital stock of corporations	1,147,934	1,061,798	968,175	1,142,620	43,472	1,142,620	43,472	2,317	347,450	288,898	176,294	209,040	141,934	485		
Mortgages, notes, cash, etc	465,214	472,286	444,136	417,264	32,115	417,264	32,115	2,472	204,751	95,209	27,333	47,805	7,075	443		
Insurance, taxable	70,349	73,314	96,763	201,779	15,512	201,779	15,512	195	112,832	52,854	10,548	9,699	156	13		
All other property	158,367	170,421	178,104	214,672	18,286	214,672	18,286	1,235	90,978	46,401	12,862	28,097	0,198	596		
Deductions, total	1,273,618	1,251,795	1,239,349	1,437,312	224,261	1,437,312	224,261	10,239	776,496	219,011	51,520	79,329	74,608	1,829		
Funeral and administrative expenses	131,967	131,701	124,968	125,023	10,489	125,023	10,489	615	51,627	28,837	9,704	10,054	7,327	370		
Taxes, mortgages, and liens	260,178	259,369	264,851	218,312	49,016	218,312	49,016	1,220	84,550	42,530	13,102	23,013	4,529	362		
Losses during administration	389	334	226	211	211	211	211	10	100	18						
Support of dependents	11,377	11,320	11,285	12,732	1,068	12,732	1,068	431	6,215	2,915	1,074	1,129	250	18		
Charitable, public and similar bequests	175,072	154,633	183,591	201,887	38,310	201,887	38,310	155	43,316	20,899	10,920	24,817	57,480	4		
Property previously taxed, net deduction	47,284	44,748	42,778	39,101	621	39,101	621	326	20,948	8,912	1,761	2,075	4,382	136		
Specific exemption <sup>4</sup>	640,350	640,750	670,430	839,430	124,679	839,430	124,679	7,840	569,740	106,920	14,900	12,240	640	950		
Disallowed deductions <sup>5</sup>			116	5,871	1,886	5,871	1,886		1,396	349						
Allowable deductions			1,290,233	1,431,442	230,395	1,431,442	230,395	10,239	774,900	218,422	51,520	79,329	74,608	1,829		
Net estate before exemption <sup>6</sup>	2,142,389	2,122,408	1,968,705	2,316,026	91,760	2,316,026	91,760	8,792	946,634	578,221	190,338	363,427	124,733	1,763		
Net estate for basic tax <sup>7</sup>	1,116,090	1,077,143	981,079	1,198,803		1,198,803		4	140,589	485,925	105,231	342,682	123,853	419		
Net estate, for additional tax <sup>8</sup>	1,940,650	1,524,634	1,390,316	1,508,798		1,508,798		982	387,194	460,363	175,378	359,147	124,083	660		
Basic tax before tax credits	68,473	69,449	46,846	58,710		58,710		( <sup>9</sup> )	1,671	10,054	6,577	22,242	18,160	6		
Additional tax before tax credits	298,036	270,224	351,888	362,601		362,601		33	60,991	115,261	47,646	109,340	60,303	26		
Total tax before tax credits	336,529	339,673	398,734	452,211		452,211		33	62,662	125,315	54,123	131,582	78,463	31		
Tax credits <sup>9</sup>	54,349	45,969	36,312	47,898		47,898		( <sup>9</sup> )	1,351	8,035	3,158	17,731	15,311	3		
Net tax	282,181	284,705	361,422	404,624		404,624		33	61,313	117,280	48,968	113,851	63,152	28		
Defense tax	9,578	23,637	282	11		11		( <sup>9</sup> )	8	2						
Total tax liability	291,759	308,342	362,164	404,635		404,635		34	61,320	117,282	48,968	113,851	63,152	28		

<sup>1</sup> See note 1, table 372.<sup>2</sup> Net estate classes are based on amount of net estate for additional tax plus specific exemption. (See note 5.)<sup>3</sup> Federal Government obligations and State and municipal bonds are classified on basis of taxability of interest thereon for Federal income tax purposes; however, entire principal amount is taxable for Federal estate tax.<sup>4</sup> Less than \$500.<sup>5</sup> The specific exemption tabulated for estates of (a) individuals subject to additional tax is \$60,000 under 1942 act, \$40,000 under 1941, 1940, and 1935 acts; \$80,000 under 1924 and 1929 acts; and (b) individuals subject to earlier acts is \$100,000 under 1926 act; and \$80,000 under 1904 and prior acts.<sup>6</sup> Represents excess of total amount of funeral and administrative expenses, debts of decedents, mortgages and liens, and support of dependents, over value of property includible in gross estate subject to claims.<sup>7</sup> Excess of gross estate over allowable deductions, exclusive of specific exemption.<sup>8</sup> Net estate after deducting specific exemption of \$100,000, except for returns filed under 1924 or prior acts for which specific exemption is \$80,000.<sup>9</sup> Applies only to estates of individuals who died subsequent to June 6, 1932.<sup>10</sup> Credits for (1) estate, inheritance, legacy, or succession taxes paid to States, etc., and (2) gift taxes paid to the Federal Government.

Source: Treasury Dept., Bur. of Internal Revenue; Statistics of Income, Part 1.

No. 874.—PUBLIC DEBT OF THE UNITED STATES: 1800 TO 1947

[All figures except per capita in millions of dollars. On basis of public debt accounts prior to 1920, and on basis of daily Treasury statements for 1920 and thereafter]

JUNE 1 30—	GROSS DEBT		Inter- est bear- ing 1	Ma- tured	Non- interest bear- ing 4	JUNE 1 30—	GROSS DEBT		Inter- est bear- ing 1	Ma- tured	Non- interest bear- ing 4
	Amount	Per capita 2					Amount	Per capita 2			
1800.....	83	\$15.87	-----	-----	-----	1912.....	1, 194	\$12.52	964	2	228
1810.....	53	7.46	-----	-----	-----	1913.....	1, 193	12.27	966	2	226
1820.....	91	9.58	-----	-----	-----	1914.....	1, 188	11.99	968	2	219
1830.....	49	3.83	-----	-----	-----	1915.....	1, 191	11.85	970	2	220
1840.....	4	.21	-----	-----	-----	1916.....	1, 225	12.02	972	1	252
1850.....	63	2.77	-----	-----	-----	1917.....	2, 976	28.77	2, 713	14	249
1855.....	36	1.30	35	(5)	-----	1918.....	12, 244	117.11	11, 966	20	238
1860.....	65	2.06	65	(5)	-----	1919.....	25, 482	242.54	25, 234	11	236
1865.....	2, 678	75.01	2, 218	2	458	1920.....	24, 299	228.23	24, 063	7	230
1870.....	2, 436	61.06	2, 036	4	397	1921.....	23, 977	220.91	23, 739	11	228
1875.....	2, 156	47.84	1, 709	11	436	1922.....	22, 963	208.65	22, 710	25	228
1880.....	2, 091	41.60	1, 710	8	373	1923.....	22, 350	199.64	22, 007	99	244
1885.....	1, 579	27.86	1, 182	4	392	1924.....	21, 251	186.23	20, 981	30	239
1889.....	1, 249	20.23	816	2	432	1925.....	20, 516	177.12	20, 211	30	275
1890.....	1, 122	17.80	711	2	409	1926.....	19, 643	167.32	19, 384	13	246
1891.....	1, 006	15.63	611	2	394	1927.....	18, 512	155.51	18, 253	15	245
1892.....	968	14.74	585	3	380	1928.....	17, 604	146.09	17, 318	45	241
1893.....	961	14.36	585	2	374	1929.....	16, 931	139.04	16, 639	51	241
1894.....	1, 017	14.89	635	2	380	1930.....	16, 185	131.51	15, 922	32	232
1895.....	1, 097	15.76	716	2	379	1931.....	16, 801	135.45	16, 520	52	230
1896.....	1, 223	17.25	847	2	374	1932.....	19, 487	156.10	19, 161	60	266
1897.....	1, 227	16.99	847	1	378	1933.....	22, 539	179.48	22, 158	66	315
1898.....	1, 233	16.77	847	1	384	1934.....	27, 053	214.07	26, 480	54	518
1899.....	1, 437	19.21	1, 046	1	389	1935.....	28, 701	225.55	27, 645	231	825
1900.....	1, 263	16.60	1, 023	1	239	1936.....	33, 779	263.79	32, 989	169	620
1901.....	1, 222	15.74	987	1	233	1937.....	36, 425	282.75	35, 800	119	506
1902.....	1, 178	14.88	931	1	246	1938.....	37, 165	286.27	36, 576	141	447
1903.....	1, 159	14.38	915	1	244	1939.....	40, 440	308.98	39, 886	142	411
1904.....	1, 136	13.83	895	2	239	1940.....	42, 968	325.62	42, 376	205	386
1905.....	1, 132	13.51	895	1	236	1941.....	48, 961	367.97	48, 387	205	369
1906.....	1, 143	13.37	895	1	246	1942.....	72, 422	541.39	71, 968	98	356
1907.....	1, 147	13.19	895	1	251	1943.....	136, 696	1, 020.38	135, 380	141	1, 175
1908.....	1, 178	13.28	898	4	276	1944.....	201, 003	1, 455.67	199, 543	201	1, 259
1909.....	1, 148	12.69	913	3	232	1945.....	258, 682	1, 852.74	256, 357	269	2, 057
1910.....	1, 147	12.41	913	2	231	1946.....	269, 422	1, 907.70	268, 111	376	935
1911.....	1, 154	12.29	915	2	237	1947.....	258, 286	1, 793.87	255, 113	231	2, 942

DATE	Total gross debt	INTEREST-BEARING DEBT						Matured debt on which interest has ceased	Debt bearing no in- terest
		Total	Bonds		Notes *	Certifi- cates of indebt- edness, Treasury bills	Special issues to Govt. agencies and trust funds		
			U. S. savings	Other					
1920—June 30.....	24, 299	24, 063	-----	16, 218	5, 075	2, 769	-----	7	230
1925—June 30.....	20, 516	20, 211	-----	16, 842	2, 740	533	95	30	275
1930—June 30.....	16, 185	15, 922	-----	12, 111	1, 626	1, 420	764	32	232
1935—June 30.....	28, 701	27, 645	62	14, 874	10, 023	2, 053	633	231	825
1936—June 30.....	33, 779	32, 989	316	18, 312	11, 381	2, 354	626	169	620
1937—June 30.....	36, 425	35, 800	800	20, 522	10, 617	2, 303	1, 558	119	506
1938—June 30.....	37, 165	36, 576	1, 238	22, 361	9, 147	1, 154	2, 676	141	447
1939—June 30.....	40, 440	39, 886	1, 868	25, 698	7, 243	1, 308	3, 770	142	411
1940—June 30.....	42, 968	42, 376	2, 905	27, 012	6, 383	1, 302	4, 775	205	386
1941—June 30.....	48, 961	48, 387	4, 314	30, 652	5, 698	1, 603	6, 120	205	369
1942—June 30.....	72, 422	71, 968	10, 188	38, 588	9, 703	5, 604	7, 885	98	356
1943—June 30.....	136, 696	135, 380	21, 256	58, 164	16, 663	28, 425	10, 871	141	1, 175
1944—June 30.....	201, 003	199, 543	34, 606	80, 132	26, 962	43, 557	14, 287	201	1, 259
1945—June 30.....	258, 682	256, 357	45, 586	107, 149	33, 633	51, 177	18, 812	269	2, 057
1946—June 30.....	269, 422	268, 111	49, 035	119, 929	24, 972	51, 843	22, 332	376	935
Dec. 31.....	259, 149	257, 649	49, 776	120, 452	15, 815	47, 020	24, 585	395	1, 105
1947—June 30.....	258, 286	255, 113	51, 367	121, 607	13, 702	41, 071	27, 366	231	2, 942
Dec. 31.....	256, 900	254, 205	52, 053	120, 083	16, 758	36, 356	28, 955	401	2, 293

1 Figures for 1800-50 are as of Jan. 1.  
2 Revised in accordance with Bureau of Census estimated population for continental United States as of July 1 of each year beginning 1850.  
3 Excludes bonds issued to Pacific railways and Navy pension fund.  
4 Includes old demand notes; U. S. notes (gold reserve deducted since 1900); postal currency and fractional currency less amounts officially estimated to have been destroyed; and also deposits held by Treasury for various purposes. Excludes gold, silver and currency certificates, and Treasury notes of 1890 for redemption of which an exact equivalent of the respective kinds of money or bullion was held in the Treasury.  
5 Less than \$500,000. 6 Includes old Treasury (war) saving securities for 1920 and 1925.

Source: Treasury Department; Annual Report of the Secretary and Statement of the Public Debt published in Daily Statement of the U. S. Treasury.

No. 875.—GROSS PUBLIC AND PRIVATE DEBT: 1929 to 1946

[In billions of dollars. See headnote, table 376]

YEAR	Public and private, total	PUBLIC			PRIVATE						
		Total	Federal	State and local	Total	Corporate		Individual and noncorporate			
						Long-term	Short-term	Mortgage		Nonmortgage	
								Farm	Urban (non-farm) <sup>1</sup>	Farm <sup>2</sup>	Non-farm <sup>3</sup>
1929.....	214.8	34.8	17.5	17.2	180.0	56.6	50.4	9.6	32.1	2.6	28.7
1930.....	215.2	35.8	17.3	18.5	179.5	61.1	46.3	9.4	33.1	2.4	27.1
1931.....	204.7	38.6	19.1	19.5	166.1	60.1	40.3	9.1	32.4	2.0	22.3
1932.....	196.6	42.4	22.8	19.6	154.2	58.8	37.3	8.5	30.5	1.6	17.5
1933.....	191.9	47.5	27.7	19.8	144.4	57.2	35.2	7.7	27.8	1.4	15.2
1934.....	198.7	57.0	37.9	19.2	141.7	53.2	37.4	7.6	27.1	1.3	15.1
1935.....	201.5	61.0	41.7	19.3	140.5	52.0	37.8	7.4	26.2	1.5	15.6
1936.....	207.1	64.7	45.1	19.6	142.4	50.5	40.4	7.2	25.8	1.4	17.1
1937.....	209.9	67.4	47.8	19.6	142.5	51.6	38.7	7.0	25.8	1.7	17.8
1938.....	205.0	67.0	47.4	19.6	138.0	52.8	33.9	6.8	26.0	2.2	16.2
1939.....	209.1	70.1	50.1	20.0	139.0	52.1	34.7	6.6	26.4	2.3	16.8
1940.....	217.0	73.8	53.6	20.2	143.2	51.2	37.7	6.5	27.3	2.6	17.7
1941.....	243.3	89.2	69.0	20.2	154.3	51.2	46.3	6.5	28.6	2.9	18.6
1942.....	301.1	142.9	123.2	19.7	158.2	50.2	56.2	6.1	28.0	3.1	14.9
1943.....	365.7	205.4	186.7	18.7	160.3	48.4	62.0	5.6	27.3	3.0	14.0
1944.....	432.8	271.2	253.7	17.5	161.6	47.0	62.2	5.3	27.2	3.2	16.8
1945.....	464.9	309.2	292.6	16.6	155.7	46.8	52.8	5.1	27.9	2.7	20.5
1946.....	453.3	288.1	272.1	15.9	165.2	48.7	54.2	5.3	33.5	2.8	20.9

<sup>1</sup> Data are for noncorporate borrowers only.  
<sup>2</sup> Comprises nonreal-estate farm debt contracted for productive purposes and owed to institutional lenders.  
<sup>3</sup> Comprises debt incurred for commercial (nonfarm), financial and consumer purposes, including debt owed by farmers for financial and consumer purposes.

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce (based upon data from various governmental agencies); Survey of Current Business, September 1947.

No. 376.—NET DEBT IN THE UNITED STATES: 1916 TO 1946

[Net public and private debt outstanding is a comprehensive aggregate of indebtedness of borrowers after elimination of certain duplicating governmental and corporate debt. This measure of indebtedness provides a more significant indication of trends in debt structure than does gross debt, since effects of nominal changes in financial practices and organization are largely removed. To obtain net figures, gross or total debt is adjusted for specific types of duplications pertaining to the following sectors of the economy: (1) Federal Government and its corporations and agencies generally; (2) State and local governments treated as a single entity; and (3) within the corporate area, those affiliated but legally distinct corporations which operate under a single management, treated here as a unit. In the noncorporate private area, data are gross throughout with no adjustments for duplications. Gross debt, as defined in this study, consists of all classes of legal indebtedness except the following: (1) Deposit liability of banks and the amount of bank notes in circulation; (2) value of outstanding policies and annuities of life insurance carriers; (3) short-term debts among individuals and unincorporated nonfinancial business firms; and (4) nominal debt of corporations, such as bonds which are authorized but unissued or outstanding but reacquired. The net debt concept for each of the four sectors can be summarized as follows: Federal Government net debt is that owed to all other sectors of the economy except the Federal Government proper and its corporations and agencies; State and local government net debt is that owed to all other economic entities except State and local governments; corporate net debt is that owed to all other entities (including corporations) except to corporate members of an affiliated system; and private noncorporate net (or gross) debt is summation of all forms of legal indebtedness except that among individuals and unincorporated nonfinancial business firms. Data represent balances of debts outstanding at end of calendar years, except data for State and local governments which are for June 30 of each year]

[In billions of dollars]

YEAR	Public and private, total	PUBLIC			PRIVATE						
		Total	Federal	State and local	Total	Corporate		Individual and noncorporate			
						Long-term	Short-term	Mortgage		Nonmortgage	
								Farm	Urban (non-farm) <sup>1</sup>	Farm <sup>2</sup>	Non-farm <sup>3</sup>
1916.....	82.2	5.6	1.2	4.4	76.6	29.1	11.1	5.8	8.6	2.0	20.0
1917.....	94.5	12.0	7.3	4.7	82.5	29.7	14.0	6.5	9.5	2.5	20.3
1918.....	117.5	25.9	20.9	5.0	91.6	30.2	16.8	7.1	9.9	2.7	24.9
1919.....	128.1	30.8	25.6	5.2	97.3	31.0	22.3	8.4	10.4	3.5	21.7
1920.....	135.6	29.6	23.7	5.9	106.0	32.6	25.1	10.2	12.1	3.9	22.1
1921.....	136.0	29.6	23.1	6.5	106.4	33.8	23.2	10.7	13.2	3.3	22.2
1922.....	140.2	30.5	22.8	7.7	109.7	34.4	24.2	10.8	14.5	3.1	22.7
1923.....	146.6	30.0	21.8	8.2	116.6	36.2	26.4	10.7	16.8	3.0	23.5
1924.....	153.3	30.0	21.0	9.0	123.3	38.5	28.7	9.9	19.1	2.7	24.4
1925.....	163.0	30.3	20.3	10.0	132.7	39.7	33.0	9.7	21.9	2.8	25.6
1926.....	169.3	29.9	19.2	10.7	139.4	41.7	34.5	9.7	24.7	2.6	26.2
1927.....	177.8	29.7	18.2	11.5	148.1	44.4	36.8	9.8	27.6	2.6	26.9
1928.....	186.6	29.8	17.5	12.3	156.8	46.1	40.0	9.8	30.5	2.7	27.7
1929.....	191.5	29.7	16.5	13.2	161.9	47.3	41.6	9.6	32.1	2.6	28.7
1930.....	191.9	30.6	16.5	14.1	161.3	51.1	38.2	9.4	33.1	2.4	27.1
1931.....	183.2	34.0	18.5	15.5	149.2	50.3	33.2	9.1	32.4	2.0	22.3
1932.....	176.0	37.9	21.3	16.6	138.1	49.2	30.8	8.5	30.5	1.6	17.5
1933.....	170.0	41.0	24.3	16.7	129.0	47.9	29.1	7.7	27.8	1.4	15.2
1934.....	172.9	46.3	30.4	15.9	126.5	44.6	30.9	7.6	27.1	1.3	15.1
1935.....	176.0	50.5	34.4	16.0	125.6	43.6	31.2	7.4	26.2	1.5	15.6
1936.....	181.5	53.9	37.7	16.2	127.6	42.5	33.5	7.2	25.8	1.4	17.1
1937.....	183.4	55.3	39.2	16.1	128.1	43.5	32.3	7.0	25.8	1.7	17.8
1938.....	181.0	56.5	40.5	16.0	124.5	44.8	28.4	6.8	26.0	2.2	16.2
1939.....	184.6	58.9	42.6	16.3	125.7	44.4	29.2	6.6	26.4	2.3	16.8
1940.....	191.1	61.3	44.8	16.5	129.8	43.7	31.9	6.5	27.3	2.6	17.7
1941.....	212.8	72.6	56.3	16.3	140.2	43.6	39.8	6.5	28.6	2.9	18.9
1942.....	261.0	117.5	101.7	15.8	143.5	42.7	49.0	6.1	28.0	3.1	14.6
1943.....	314.8	169.3	154.4	14.9	145.5	41.0	54.5	5.6	27.3	3.0	14.0
1944.....	372.9	226.0	211.9	14.1	146.9	39.8	54.7	5.3	27.2	3.2	16.8
1945.....	408.1	266.5	252.7	13.7	141.6	39.5	46.0	5.1	27.9	2.7	20.5
1946.....	393.4	243.3	229.7	13.6	150.0	41.0	46.6	5.3	33.5	2.8	20.9

<sup>1</sup> Data are for noncorporate borrowers only.  
<sup>2</sup> Comprises nonreal-estate farm debt contracted for productive purposes.  
<sup>3</sup> Comprises debt incurred for commercial (nonfarm), financial and consumer purposes, including debt owed by farmers for financial and consumer purposes.

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce (based upon data from various governmental agencies); Survey of Current Business, September 1947.

No. 377.—PUBLIC DEBT AND GUARANTEED OBLIGATIONS OF THE UNITED STATES—  
COMPUTED RATE OF INTEREST: 1913 TO 1947

[In millions of dollars. Based on Public Debt accounts through 1919 and thereafter on Daily Treasury Statement. Data include securities fully guaranteed by United States, except those held by Treasury]

JUNE 30—	Interest-bearing debt <sup>1</sup>	Computed annual interest charge <sup>1</sup>	Computed annual rate of interest (percent)	JUNE 30—	Interest-bearing debt <sup>1</sup>	Computed annual interest charge <sup>1</sup>	Computed annual rate of interest (percent)
1913.....	966	23	2.36	1931.....	16,520	589	3.57
1914.....	968	23	2.36	1932.....	19,161	672	3.50
1915.....	970	23	2.36	1933.....	22,158	742	3.35
1916.....	972	23	2.38	1934.....	27,161	861	3.17
1917.....	2,713	84	3.12	1935.....	31,768	863	2.72
1918.....	11,986	469	3.91	1936.....	37,707	970	2.57
1919.....	25,234	1,054	4.18	1937.....	40,465	1,047	2.59
1920.....	24,062	1,017	4.22	1938.....	41,428	1,068	2.58
1921.....	23,739	1,030	4.34	1939.....	45,336	1,149	2.53
1922.....	22,710	963	4.24	1940.....	47,874	1,203	2.51
1923.....	22,007	927	4.21	1941.....	54,747	1,335	2.44
1924.....	20,981	877	4.18	1942.....	76,517	1,729	2.26
1925.....	20,211	830	4.10	1943.....	139,472	2,759	1.98
1926.....	19,384	793	4.09	1944.....	201,059	3,869	1.92
1927.....	18,253	723	3.96	1945.....	256,766	4,969	1.94
1928.....	17,318	671	3.88	1946.....	268,578	5,357	2.00
1929.....	16,639	657	3.95	1947.....	255,197	5,376	2.11
1930.....	15,922	606	3.81				

<sup>1</sup> For purpose of calculating computed annual interest charge, discount value of Treasury bills is used; United States savings bonds, Series A-E, considered to yield 2.90 percent per annum; Series F considered to yield 2.53 percent.

Source: Treasury Department; Annual Report of the Secretary and Treasury Bulletin.

No. 378.—U. S. SAVINGS BONDS—TOTAL SALES AND REDEMPTIONS OF ALL SERIES  
FROM INCEPTION OF PROGRAM THROUGH DEC. 31, 1947

[In millions of dollars. On basis of Daily Treasury Statement. Sales at issue price; redemptions and amount outstanding at current redemption values. Series A-D bonds sold from March 1935 through April 1941; Series E, F, and G bonds sold since May 1, 1941]

SERIES	Sales <sup>1</sup>	Accrued discount	Sales plus accrued discount	Redemptions <sup>2</sup>	AMOUNTS OUTSTANDING		Percent of redemptions to sales plus accrued discount
					Matured debt	Interest-bearing debt	
Total, Series A-G.....	72,475	2,633	75,108	22,934	122	52,053	30.53
Series A.....	204	52	255	247	8	.....	( <sup>3</sup> )
Series B.....	370	93	463	442	21	.....	( <sup>3</sup> )
Series C.....	1,010	248	1,259	657	92	510	52.17
Series D.....	2,365	413	2,778	546	.....	2,232	19.65
Series E.....	48,230	1,687	49,918	18,921	.....	30,997	37.90
Series F.....	3,640	139	3,779	617	.....	3,162	16.33
Series G.....	16,656	.....	16,656	1,504	.....	15,152	9.03

<sup>1</sup> Beginning with June 1947, Series E sales include small amounts of unclassified sales consisting of Series E, F, and G. Prior to June 1947, it was possible to distribute by series all sales reported as unclassified in Daily Treasury Statement.

<sup>2</sup> Series E redemptions include small amounts of unclassified Series A-D redemptions beginning with October 1944, and small amounts also of unclassified F and G redemptions, beginning with June 1947.

<sup>3</sup> Not calculated for matured series.

Source: Treasury Department; Treasury Bulletin, February 1948.



## No. 379.—U. S. SAVINGS BONDS—SALES OF SERIES E, F, AND G, BY STATES: 1941 TO 1947

[In thousands of dollars. Data are for calendar years and represent issue price on basis of Daily Treasury Statement]

STATE	SERIES E SAVINGS BONDS				SERIES F AND G SAVINGS BONDS			
	1941-47, total	1945	1946	1947	1941-47, total	1945	1946	1947
<b>Total</b> .....	48,230,484	9,822,064	4,465,684	4,084,965	20,295,486	3,114,899	2,961,509	2,609,194
Alabama.....	558,994	136,932	48,937	34,744	150,441	23,796	20,948	17,616
Arizona.....	172,109	39,178	15,553	13,795	47,292	8,241	6,071	6,442
Arkansas.....	308,261	65,819	28,803	25,403	92,286	13,811	12,317	11,509
California.....	3,852,348	805,446	350,297	296,598	1,319,902	206,809	192,029	175,805
Colorado.....	379,344	76,509	41,574	39,297	169,675	24,924	26,201	25,542
Connecticut.....	872,801	172,854	64,768	52,102	383,805	56,530	51,458	36,156
Delaware.....	114,128	23,355	10,725	8,599	74,404	13,392	11,959	6,872
District of Columbia.....	602,995	126,928	79,461	66,028	174,710	24,422	24,669	23,455
Florida.....	568,224	134,374	58,128	44,572	223,322	34,981	38,884	29,938
Georgia.....	597,897	133,922	59,318	44,640	191,002	30,588	25,975	20,708
Idaho.....	155,539	31,074	11,271	13,462	47,302	6,077	7,036	7,993
Illinois.....	3,546,810	732,055	389,724	363,170	1,581,080	236,282	241,338	243,571
Indiana.....	1,274,367	269,161	118,713	109,030	471,896	77,577	77,395	74,816
Iowa.....	1,151,864	220,294	123,553	167,141	521,216	78,819	85,152	112,855
Kansas.....	697,081	143,861	75,793	89,062	241,728	43,267	38,526	45,990
Kentucky.....	517,814	105,396	54,180	45,805	255,400	37,516	43,262	40,140
Louisiana.....	539,920	108,615	47,465	38,892	198,511	31,341	24,787	21,150
Maine.....	212,863	41,614	17,659	13,880	119,231	20,621	17,355	12,855
Maryland.....	628,609	130,398	60,531	43,105	297,104	42,633	46,200	37,177
Massachusetts.....	1,591,887	324,246	147,516	106,282	975,488	151,803	164,242	112,068
Michigan.....	2,531,550	498,858	187,789	172,585	584,492	100,803	83,388	73,079
Minnesota.....	1,023,216	196,736	97,138	102,513	413,949	59,120	68,397	63,470
Mississippi.....	329,719	72,796	27,653	24,307	105,465	15,344	14,226	13,323
Missouri.....	1,212,070	244,211	125,688	121,763	557,427	84,396	93,327	81,738
Montana.....	236,152	46,178	23,198	26,394	68,960	11,288	9,682	12,025
Nebraska.....	567,798	116,012	68,497	91,610	231,271	37,115	39,994	53,363
Nevada.....	58,132	11,943	4,741	4,387	20,301	2,618	2,696	2,565
New Hampshire.....	135,755	26,905	11,834	8,568	82,215	13,435	12,160	9,792
New Jersey.....	1,752,415	353,696	155,448	131,067	638,160	84,986	92,013	79,988
New Mexico.....	112,642	24,592	10,930	9,594	38,753	4,665	4,482	4,103
New York.....	5,820,172	1,223,372	531,097	454,856	3,256,406	416,217	463,037	381,636
North Carolina.....	638,782	134,770	61,661	54,645	232,889	36,490	36,532	30,640
North Dakota.....	244,592	50,781	24,028	32,456	82,812	13,641	13,134	15,131
Ohio.....	2,895,015	600,474	269,817	230,520	1,115,251	172,798	188,146	148,269
Oklahoma.....	573,596	125,134	60,856	62,319	149,373	22,056	24,076	24,079
Oregon.....	601,413	127,970	41,488	39,163	165,025	24,970	21,640	21,459
Pennsylvania.....	3,631,423	741,094	355,844	306,352	1,622,882	220,952	274,899	196,705
Rhode Island.....	266,499	53,537	22,863	17,757	154,366	19,456	26,190	16,945
South Carolina.....	314,144	66,743	30,740	24,230	109,143	17,139	16,956	13,657
South Dakota.....	242,612	44,545	29,251	43,251	75,356	10,722	13,536	19,551
Tennessee.....	586,031	126,807	53,483	43,313	201,940	32,145	29,517	27,079
Texas.....	1,892,527	403,188	171,041	134,650	551,219	83,337	69,633	68,245
Utah.....	211,688	49,227	18,947	15,378	41,985	6,195	5,877	5,579
Vermont.....	78,365	15,538	7,097	5,290	45,367	7,506	6,844	5,608
Virginia.....	840,869	183,611	84,874	72,767	273,112	44,144	39,452	34,328
Washington.....	960,057	201,610	76,017	63,778	278,520	46,708	38,453	36,212
West Virginia.....	415,917	87,052	48,363	44,791	108,374	15,736	17,500	17,776
Wisconsin.....	1,073,863	222,834	107,664	101,693	522,005	86,896	85,807	83,603
Wyoming.....	98,660	19,126	9,572	9,281	34,488	5,278	4,910	5,562
Alaska.....	130,075	5,929	2,630	690	15,349	958	218	33
Canal Zone.....	30,333	8,316	3,366	3,194	6,630	1,182	352	354
Hawaii.....	263,910	67,492	14,020	10,480	59,924	8,414	7,318	5,520
Puerto Rico.....	37,541	10,613	2,711	1,710	13,699	2,622	375	148
Virgin Islands.....	1,832	213	51	50	812	136	(3)	-
Other possessions.....	1,500	126	742	519	905	100	20	2
Sales to commercial banks <sup>1</sup> .....	-	-	-	-	895,480	441,273	-	-
Adjustment to Daily Treasury Statement.....	+155,765	-161,994	-79,426	+3,441	+15,385	-199,373	+918	-4,528

<sup>1</sup> Cumulative through Mar. 31, 1947.<sup>2</sup> Less than \$600.<sup>3</sup> Commercial banks were eligible to purchase Series F and G for limited amounts during certain months. Sales not distributed by States.

Source: Treasury Department; Annual Report of the Secretary and Treasury Bulletin.

No. 380.—U. S. SAVINGS BONDS—AMOUNTS OUTSTANDING, SALES, AND REDEMPTIONS AND MATURITIES, BY QUARTERS: SEPTEMBER 1941 TO DECEMBER 1947

[In millions of dollars]

YEAR AND QUARTER ENDING—	Amount outstanding at end of period	FUNDS RECEIVED FROM SALES DURING QUARTER				Redemp- tions and maturities during quarter (all series)
		All series	Series E	Series F	Series G	
1941—December.....	6,140	<sup>1</sup> 3,036	1,145	208	1,185	168
1942—June.....	10,188	4,120	2,585	294	1,242	119
December.....	15,050	5,037	3,404	358	1,274	230
1943—June.....	21,256	6,752	4,867	400	1,485	618
December.....	27,363	6,977	5,477	345	1,155	967
1944—March.....	31,974	5,189	3,763	307	1,119	641
June.....	34,606	3,331	2,580	150	602	764
September.....	37,323	3,420	2,777	135	508	789
December.....	40,361	4,104	3,261	181	663	1,148
1945—March.....	42,159	2,811	2,169	99	543	1,128
June.....	45,586	4,556	3,347	264	945	1,233
September.....	46,741	2,508	2,023	87	398	1,483
December.....	48,183	3,062	2,283	145	634	1,709
1946—March.....	48,733	2,208	1,379	98	731	1,829
June.....	49,035	1,833	1,054	78	702	1,691
September.....	49,545	1,837	1,043	76	718	1,497
December.....	49,776	1,548	990	73	485	1,410
1947—March.....	50,945	2,280	1,300	128	851	1,329
June.....	51,367	1,542	954	82	506	1,209
September.....	51,759	1,485	937	68	480	1,292
December.....	52,053	1,387	893	64	430	1,196

<sup>1</sup> Including \$499,000,000 Series "D".  
Source: Board of Governors of the Federal Reserve System; monthly data are published currently in Federal Reserve Bulletin.

No. 381.—OWNERSHIP OF U. S. GOVERNMENT SECURITIES, DIRECT AND FULLY GUARANTEED: 1920 TO 1947

[Par value. In millions of dollars. Estimates of Treasury Department]

END OF MONTH	Total interest- bearing securi- ties	HELD BY BANKS			HELD BY NONBANK INVESTORS							U. S. Govern- ment agencies and trust funds	
		Total	Com- mer- cial	Fed- eral Re- serve	Total	Mu- tual sav- ings banks	Insur- ance com- panies	Indi- vid- uals	Other corpora- tions and associ- ations	State and local gov- ern- ments		Special issues	Public issues
1920—June....	24,063	4,089	3,748	341	19,974	835	(1)	(1)	(1)	(1)			245
1925—June....	20,211	4,985	4,632	353	15,226	1,128	(1)	(1)	(1)	(1)	95		434
1930—June....	15,922	5,568	4,977	591	10,354	519	(1)	(1)	(1)	(1)	764		237
1935—June....	31,768	15,149	12,716	2,433	16,619	1,542	2,600	(1)	(1)	(1)	633		1,389
1940—June....	47,874	18,566	16,100	2,466	29,308	3,100	6,500	9,700	2,500	400	4,775		2,305
1941—June....	54,747	21,884	19,700	2,184	32,863	3,400	7,100	10,900	2,400	600	6,120		2,375
1942—June....	76,517	28,645	26,000	2,645	47,872	3,900	9,200	17,900	5,400	900	7,885		2,737
1943—June....	139,472	59,402	52,200	7,202	80,070	5,300	13,100	30,300	15,500	1,500	10,871		3,451
1944—June....	201,059	83,301	68,400	14,901	117,758	7,300	17,300	45,100	25,800	3,200	14,287		4,810
Dec.....	230,361	96,546	77,700	18,846	133,815	8,300	19,600	52,200	27,600	4,300	16,326		5,348
1945—June....	256,766	105,992	84,200	21,792	150,774	9,600	22,700	58,500	29,800	5,300	18,812		6,128
Dec.....	276,246	115,062	90,800	24,262	161,184	10,700	24,400	63,500	29,100	6,500	20,000		7,048
1946—June....	268,578	108,183	84,400	23,783	160,395	11,500	25,300	62,900	25,200	6,500	22,332		6,798
Dec.....	257,980	97,850	74,500	23,350	160,130	11,800	25,300	63,600	22,100	6,300	24,585		6,338
1947—June....	255,197	91,872	70,000	21,872	163,325	12,100	25,000	66,100	20,100	7,100	27,366		5,445
Dec.....	254,281	91,159	68,600	22,559	163,122	12,000	24,300	65,300	19,900	7,300	28,955		5,397

<sup>1</sup> Not available separately. Combined total of these items as follows: 1920, \$18,894,000,000; 1925, \$13,569,000,000; 1930, \$8,834,000,000; and 1935, \$10,455,000,000.  
Sources: 1920-1935, Board of Governors, Federal Reserve System; Banking and Monetary Statistics. 1940-1947, Treasury Department; monthly data published currently in Treasury Bulletin and Federal Reserve Bulletin.

# No. 882.—INTEREST-BEARING GOVERNMENTAL SECURITIES—ESTIMATED OWNERSHIP OUTSTANDING, BY ISSUER: 1939 TO 1947

[Figures represent par values with following exceptions: (1) Holdings of commercial and mutual savings banks of securities of Federal instrumentalities not guaranteed by U. S. and of State and local governments, Territories, and possessions are book values, (2) holdings of these securities by individuals are residuals, and so deviate from par values in those cases where figures for commercial and mutual savings banks are book values, (3) in the case of data which include U. S. savings bonds, Series A-D, E, and F, figures for these bonds represent current redemption values]

[Par value. In billions of dollars]

JUNE 30—	Total amount out- stand- ing	HELD BY BANKS			HELD BY NONBANK INVESTORS						
		Total	Com- mercial banks	Federal Reserve Banks	Total	Indi- vid- uals <sup>1</sup>	Insur- ance com- panies	Mutual savings banks	Other corpo- rations and as- sociations <sup>2</sup>	State and local govern- ments <sup>3</sup>	U. S. Gov- ern- ment agen- cies and trust funds
Total all governmental securities											
1939	67.4	21.5	18.9	2.6	45.8	19.1	7.9	2.6	4.0	4.1	7.2
1940	70.1	22.7	20.2	2.5	47.8	18.6	8.7	2.7	3.9	4.2	8.4
1941	77.0	26.1	24.0	2.2	50.8	19.4	9.3	2.9	2.7	4.5	10.0
1942	98.2	33.0	30.3	2.6	65.2	26.1	11.4	4.3	6.6	4.7	12.2
1943	159.9	63.5	56.3	7.2	96.3	38.4	14.8	5.5	10.7	5.2	15.5
1944	219.8	87.4	72.5	14.9	132.4	52.8	18.9	7.5	26.9	6.6	19.9
1945	274.2	110.3	88.5	21.8	164.0	65.8	24.1	9.7	30.7	8.2	25.4
1946	285.4	113.3	89.5	23.8	172.1	69.8	26.5	11.5	26.9	8.8	29.6
1947	273.0	97.9	76.0	21.9	175.1	73.1	26.1	12.2	20.8	9.6	33.3
Securities of U. S. Government and Federal instrumentalities guaranteed by U. S. <sup>4</sup>											
1939	45.3	17.9	15.3	2.6	27.4	9.8	5.9	2.0	2.5	0.4	5.9
1940	47.9	18.6	16.1	2.5	29.3	9.7	6.5	2.1	2.5	.4	7.1
1941	54.7	21.8	19.7	2.2	32.9	10.9	7.1	2.4	2.4	.6	8.5
1942	76.5	28.7	26.0	2.6	47.8	17.9	9.2	2.9	5.4	.9	10.6
1943	139.5	59.4	52.2	7.2	80.0	30.3	13.1	5.3	15.5	1.5	14.3
1944	201.1	83.3	68.4	14.9	117.7	45.1	17.3	7.3	25.8	3.2	19.1
1945	256.8	106.0	84.2	21.8	150.8	58.5	22.7	9.6	29.8	5.3	24.9
1946	268.6	108.2	84.4	23.8	160.4	62.9	25.3	11.5	25.2	6.5	29.1
1947	255.2	91.9	70.0	21.9	163.3	66.1	25.0	12.1	20.1	7.1	32.8
Securities of Federal instrumentalities not guaranteed by United States											
1939	2.3	0.4	0.4	—	1.9	0.8	(5)	(5)	0.2	—	0.8
1940	2.2	.5	.5	—	1.8	.7	(5)	(5)	.2	—	.8
1941	2.2	.6	.6	—	1.6	.6	(5)	(5)	.2	—	.8
1942	2.2	.7	.7	—	1.5	.6	(5)	(5)	.1	—	.8
1943	1.9	.6	.6	—	1.3	.6	(5)	(5)	.1	—	.6
1944	1.5	.6	.6	—	.9	.6	(5)	(5)	.1	—	.2
1945	1.0	.5	.5	—	.5	.4	(5)	(5)	.1	—	(5)
1946	1.1	1.0	1.0	—	.1	.1	(5)	(5)	(5)	—	(5)
1947	1.2	1.0	1.0	—	.2	.2	(5)	(5)	(5)	—	(5)
Securities of State and local governments, Territories, and possessions											
1939	19.8	2.2	2.2	—	15.5	8.5	2.0	0.6	1.3	2.7	0.4
1940	20.0	3.6	3.6	—	16.4	8.2	2.2	.6	1.2	2.8	.5
1941	20.0	3.7	3.7	—	16.3	7.9	2.3	.6	1.1	2.9	.7
1942	19.5	3.6	3.6	—	15.9	7.6	2.2	.4	1.1	2.9	.7
1943	18.5	3.5	3.5	—	15.0	7.5	1.7	.2	1.1	2.8	.6
1944	17.3	3.5	3.5	—	12.8	7.1	1.6	.2	1.0	2.4	.6
1945	16.4	3.8	3.8	—	12.6	6.9	1.4	.1	.8	2.9	.5
1946	15.7	4.1	4.1	—	11.6	6.8	1.2	.1	.7	2.4	.5
1947 <sup>5</sup>	16.6	5.0	5.0	—	11.6	6.8	1.1	.1	.7	2.4	.5

<sup>1</sup> Includes partnerships, personal trust accounts.

<sup>2</sup> Includes savings and loan associations, dealers and brokers, and investments of foreign balances in this country.

<sup>3</sup> Comprises trust, sinking, and investment funds of State and local governments, Territories, and possessions.

<sup>4</sup> Data on daily Treasury statement basis. Includes special issues to Federal agencies and trust funds, and excludes guaranteed securities held by Treasury and transactions in Commodity Credit Corporation demand obligations which had not been reported in time for inclusion in statement published in Daily Treasury Statement for fiscal year.

<sup>5</sup> Less than \$50 million. <sup>6</sup> Excludes obligations of the Philippine Islands.

Source: Treasury Department, Annual Report of the Secretary.

No. 888.—INTEREST-BEARING SECURITIES ISSUED BY ALL GOVERNMENTAL UNITS IN THE UNITED STATES—ESTIMATED AMOUNTS OUTSTANDING, BY TAX STATUS AND ISSUER: 1913 TO 1947

[U. S. Govt. data on basis of public debt accounts prior to 1920; beginning 1920, on basis of Daily Treasury Statement. "Total amount outstanding" of securities of the several issuers differs from gross indebtedness of these issuers in that former excludes noninterest-bearing debt. "Total privately held securities" differs from net indebtedness of borrowers in several additional respects. Former derived by deducting from total amount of interest-bearing securities outstanding the amount of such securities held by Federal agencies, Federal Reserve Banks, and by public sinking, trust, and investment funds. Net indebtedness derived by deducting from gross indebtedness an amount equivalent to total volume of sinking fund assets of respective borrowers, with no allowance for any other public assets. For exceptions to par value, see table 382]

[Par value. In millions of dollars]

JUNE 30—	Total	TAX STATUS					ISSUER			
		Tax-exempt			Tax-able <sup>3</sup>	U. S. Govt. special issues	U. S. Govt.	Federal instrumen- talities		State local, and territorial govern- ments <sup>6</sup>
		Total	Whol-ly <sup>1</sup>	Par-tially <sup>2</sup>				Guaran- teed <sup>4</sup>	Non-guaran- teed <sup>5</sup>	
TOTAL AMOUNT OUTSTANDING										
1913.....	5,523	5,523	5,523	-----	-----	-----	966	-----	-----	4,557
1915.....	6,420	6,420	6,420	-----	-----	-----	970	-----	-----	5,450
1920.....	32,253	32,253	11,303	20,950	-----	-----	24,063	-----	401	7,790
1925.....	34,681	34,586	16,645	17,941	-----	95	20,211	-----	1,506	12,964
1930.....	35,943	35,179	23,606	11,573	-----	764	15,922	-----	1,871	18,150
1935.....	53,283	52,650	34,446	18,204	-----	633	27,645	4,123	2,399	19,116
1936.....	59,383	58,757	36,554	22,202	1	626	32,989	4,718	2,319	19,357
1937.....	62,020	60,459	35,034	25,425	3	1,558	35,800	4,665	2,257	19,298
1938.....	63,001	60,320	32,278	28,042	6	2,676	36,576	4,853	2,262	19,310
1939.....	67,362	63,583	30,873	32,710	9	3,770	39,886	5,450	2,265	19,761
1940.....	70,117	65,327	30,240	35,087	15	4,775	42,376	5,498	2,199	20,044
1941.....	76,954	62,855	26,823	36,032	7,979	6,120	48,387	6,360	2,200	20,007
1942.....	98,244	58,594	25,498	33,096	31,766	7,885	71,968	4,549	2,210	19,517
1943.....	159,858	55,322	23,052	32,270	93,665	10,871	135,380	4,092	1,852	18,534
1944.....	219,826	47,326	19,837	27,489	158,213	14,287	199,543	1,516	1,453	17,314
1945.....	274,191	42,847	17,191	25,655	212,532	18,812	256,357	409	1,008	16,417
1946.....	285,407	37,250	15,916	21,335	225,824	22,332	268,111	467	1,093	15,736
1947.....	272,973	37,685	16,746	20,939	207,921	27,366	255,197	(7)	1,196	16,590

PRIVATELY HELD SECURITIES

a. 1913-36: Includes holdings by trust and investment funds of States, localities, territories, and possessions.

1913.....	4,902	4,902	4,902	-----	-----	-----	966	-----	-----	3,936
1915.....	5,675	5,675	5,675	-----	-----	-----	961	-----	-----	4,714
1920.....	30,420	30,420	10,024	20,396	-----	-----	23,476	-----	235	6,709
1925.....	31,914	31,914	14,748	17,167	-----	-----	19,328	-----	1,384	11,202
1930.....	31,786	31,786	20,714	11,072	-----	-----	14,303	-----	1,765	15,718
1935.....	45,782	45,782	29,172	16,610	-----	-----	23,502	3,757	1,471	17,052
1936.....	51,479	51,479	31,211	20,267	1	-----	28,545	4,341	1,400	17,193

b. 1937-46: Excludes holdings by trust and investment funds of States, localities, territories, and possessions.

1937.....	50,759	50,756	28,255	22,501	3	-----	29,774	4,302	1,422	15,261
1938.....	50,340	50,335	25,351	24,984	6	-----	29,249	4,528	1,415	15,148
1939.....	53,553	53,545	24,166	29,379	9	-----	31,344	5,164	1,421	15,624
1940.....	55,005	54,989	23,884	31,105	15	-----	32,691	5,212	1,355	15,746
1941.....	60,229	52,614	20,568	32,046	7,615	-----	37,364	6,086	1,385	15,394
1942.....	78,671	48,800	19,398	29,402	29,873	-----	58,113	4,261	1,386	14,911
1943.....	131,846	46,588	17,688	28,900	85,258	-----	112,682	3,806	1,292	14,068
1944.....	178,440	40,342	15,555	24,788	138,098	-----	162,535	1,335	1,267	13,302
1945.....	218,815	37,080	13,770	23,310	181,735	-----	204,374	403	1,007	13,030
1946.....	223,191	32,710	13,035	19,675	190,481	-----	208,748	458	1,093	12,892
1947.....	208,276	( <sup>8</sup> )	13,804	( <sup>8</sup> )	( <sup>8</sup> )	-----	193,406	(7)	1,196	13,674

<sup>1</sup> Securities the income from which is exempt from both normal and surtax rates of Federal income tax.  
<sup>2</sup> Securities the income from which is exempt only from normal rates of Federal income tax.  
<sup>3</sup> Securities the income from which is subject to both normal and surtax rates of Federal income tax.  
<sup>4</sup> Guaranteed securities consist of Commodity Credit Corporation notes, Home Owners' Loan Corporation bonds (including those guaranteed as to interest only), Reconstruction Finance Corporation notes, Tennessee Valley Authority bonds, Federal Public Housing Authority (formerly United States Housing Authority) notes, Federal Farm Mortgage Corporation bonds, and Federal Housing Administration debentures. Excludes stocks, interagency loans, and securities held by Treasury.  
<sup>5</sup> Includes Electric Home and Farm Authority notes, Federal intermediate credit bank debentures, Federal land bank bonds (both those issued by the individual banks and the consolidated series), Federal National Mortgage Association notes, home loan bank debentures, War Finance Corporation bonds (World War I), and joint-stock land bank bonds. Excludes stocks and interagency loans.  
<sup>6</sup> Wholly tax-exempt.  
<sup>7</sup> Included with U. S. Govt.  
<sup>8</sup> Not available.

# No. 384.—SECURITIES OTHER THAN WORLD WAR I OBLIGATIONS OF FOREIGN GOVERNMENTS OWNED BY THE U. S. GOVERNMENT: JUNE 30, 1947

[All figures in thousands of dollars. On basis of face value of securities received by United States, with due allowance for repayments. To extent that securities are not held in the custody of Treasury, statement is made from reports received from other Government departments and establishments.]

SECURITY	Amount	SECURITY	Amount
<b>Total face amount</b> .....	<b>28,754,786</b>	<b>Other securities—Continued</b>	
<b>Capital stock</b> .....	<b>2,556,637</b>	Federal Housing Administration: Con.	
Banks for cooperatives.....	178,500	Stock in rental and war housing corpora	31
Commodity Credit Corporation.....	100,000	Title I defaulted notes.....	11,634
Defense Homes Corporation.....	10,000	Federal Public Housing Authority:	
Export-Import Bank of Washington.....	1,000,000	Public war housing program.....	2,084
Federal Crop Insurance Corporation.....	90,000	Farm Security Administration pro-	
Federal Deposit Insurance Corporation.....	120,000	gram.....	3,730
Federal Farm Mortgage Corporation.....	1,000	Homes conversion program.....	32
Federal home loan banks <sup>1</sup> .....	122,673	Fed Sec Agency Student war loans.....	2,019
Federal intermediate credit banks.....	60,000	Federal Works Agency:	
Federal National Mortgage Assoc. <sup>2</sup> .....	10,000	Loans to States, municipalities, rail-	
Federal Public Housing Authority.....	1,000	roads, and others.....	70,006
Federal Savings and Loan Insurance		Community facilities loans.....	4,938
Corporation <sup>3</sup> .....	100,000	Interior Department Indian loans.....	6,008
Home Owners' Loan Corporation.....	200,000	Navy Department:	
Inland Waterways Corporation.....	12,000	Sale of surplus property (World War I)	
Institute of Inter-American Transports-		Quaranteed loans (World War II).....	1,063
ation.....	78	Puerto Rico Reconstruction Adm.	
Panama Railroad Company.....	7,000	Loans.....	5,360
Production credit corporations.....	92,660	Certificates of Cauderes de Puerto Rico	
Reconstruction Finance Corporation.....	323,000	Rural Electrification Administration:	
RFC Mortgage Company, The <sup>4</sup> .....	35,000	Advances to cooperatives, States, and	
Regional Agricultural Credit Corpora-		private utilities <sup>5</sup> .....	630,000
tion of Washington, D. C.....	100	TVA Counties and municipalities.....	348
Smaller War Plants Corporation.....	64,400	Treasury Department:	
Tenn Valley Assoc Cooperatives, Inc.....	1	Counties and municipalities.....	11
U. S. Commercial Company <sup>6</sup> .....	5,000	Federal savings and loan assoc.....	980
Virgin Islands Company, The.....	(9)	Railroads.....	20,904
War Damage Corporation <sup>7</sup> .....	1,000	Securities recd by Bur Int. Rev. in	
Warrior River Terminal Company, Inc. <sup>8</sup>	1,250	settlements of tax liabilities.....	66
<b>Paid-in surplus:</b> <sup>9</sup>		Advances to Federal Reserve Banks.....	37,346
Federal National Mortgage Association <sup>1</sup>	1,000	Subscriptions to International Bank for	
<b>Bonds and notes</b> .....	<b>11,945,841</b>	Reconstruction and Development	
Commodity Credit Corporation.....	510,000	and to International Monetary Fund	
Export-Import Bank of Washington.....	516,200	Credit to United Kingdom.....	2,000,000
Federal Farm Mortgage Corporation.....	21,000	U. S. Maritime Commission: Ship con-	
Federal Public Housing Authority.....	347,000	struction and reconditioning loans,	
Home Owners' Loan Corporation.....	529,000	ship sales notes, etc.....	134,644
Reconstruction Finance Corporation.....	9,966,141	War Department: Quaranteed loans	
Tennessee Valley Authority.....	50,500	(World War II).....	6,837
<b>Other securities</b> .....	<b>7,049,342</b>	<b>Less:</b>	
Farm Credit Administration: Loans		Face amount of above securities acquired	
from Agricultural Marketing Act re-		by Government corporations from	
volving fund.....	74,456	corporate funds or by exchange for	
Farmers Home Administration: <sup>2</sup>		corporate obligations.....	617,130
Emergency crop and feed loans.....	111,478	Capital stock.....	
Rural rehabilitation loans to farmers,		Inland Waterways Corporation.....	1,280
etc. <sup>3</sup> .....	489,554	Home Owners' Loan Corpn. <sup>4</sup> .....	100,000
Federal Housing Administration:		RFC <sup>5</sup> .....	163,672
Mortgage notes and contracts on sales		Paid-in surplus RFC <sup>6</sup> .....	1,000
of acquired real estate.....	26,470	Other securities RFC <sup>7</sup> .....	681,217

Amount due U. S. from central branch Union Pacific Railroad on account of bonds issued (Pacific Railroad Aid Bonds Acts, approved July 1, 1862, July 2, 1864, and May 7, 1878).

Principal.....	1,600
Interest.....	1,534
<b>Total.....</b>	<b>3,134</b>

<sup>1</sup> Reconstruction Finance Corporation funds.

<sup>2</sup> Home Owners' Loan Corporation obligations issued to Federal Savings and Loan Insurance Corporation for capital stock subscription.

<sup>3</sup> Net of return to U. S. Treasury of excess capital funds amounting to \$22,000.

<sup>4</sup> Less than \$500.

<sup>5</sup> Inland Waterways Corporation funds.

<sup>6</sup> Excludes net payments from Treasury, or transfer of assets authorized by law, for which no formal receipts or other evidences of payments are held by Secretary of the Treasury in stock and nonstock corporations amounting to \$3,541,631,000.

<sup>7</sup> All assets and liabilities of Emergency Crop and Feed Loan Section of Farm Credit Administration and assets and liabilities of Farm Security Administration transferred to this new activity as of Oct. 31, 1946.

<sup>8</sup> Includes RFC funds amounting to \$40,368,000.

<sup>9</sup> Includes RFC funds amounting to \$510,849,000.

Source: Treasury Department, Annual Report of the Secretary.



## NATIONAL GOVERNMENT FINANCES

[In millions of dollars]

CORPORATION OR AGENCY	ASSETS, OTHER THAN INTERAGENCY ITEMS <sup>1</sup>										LIABILITIES, OTHER THAN INTERAGENCY ITEMS			U. S. gov-ern-ment inter-est	Pri-vately owned inter-est
	Total	Cash	Loans receiv-able	Com-mo-dities, supplies, and materials	Investments		Land struc-tures, and equip-ment	Deferred and undis-tributed charges	Other assets	Bonds, notes, and debentures payable		Other liabil-ities			
					U. S. Govt. securities	Other secu-rities <sup>2</sup>				Fully guaranteed by U. S.	Other				
<b>Total</b> .....	31,037	1,556	9,212	1,093	1,725	3,553	12,662	283	953	84	667	2,144	28,005	138	
Department of Agriculture:															
Farm Credit Administration:															
Banks for cooperatives.....	206	17	235		43		(?)	(?)	1		43	1	238	14	
Federal intermediate credit banks.....	475	37	391		43			(?)	4		399	3	73		
Production credit corporations.....	109	1			67	40		(?)	1			(?)	109		
Regional Agricultural Credit Corp.....	14	14	1					(?)	(?)			(?)	14		
Agricultural Marketing Act Revolving Fund.....	1		(?)						1				1		
Federal Farm Mortgage Corp.....	125	6	95					(?)	24	2		3	120		
Rural Electrification Administration.....	712	27	678				(?)		7			(?)	712		
Commodity Credit Corp.....	1,272	467	161	410			2	4	229	45		653	574		
Farmers' Home Administration.....	449	63	316	(?)			6	6	58			11	438		
Federal Crop Insurance Corp.....	41	16		10					15			9	32		
Housing and Home Finance Agency:															
Home Loan Bank Board:															
Federal home loan banks.....	542	22	336		182			(?)	1		225	71	123	123	
Federal Savings and Loan Insurance Corp.....	185	1			181			(?)	3			8	181		
Home Owners' Loan Corp.....	548	15	508		12	8	2	(?)	2	4	(?)	19	525		
Public Housing Administration and affiliate:															
Public Housing Administration.....	504	5	278	(?)	8		204	3	6	(?)		11	493		
Defense Homes Corp.....	55	2		(?)			53	(?)	(?)			1	55		
Federal Housing Administration.....	199	36	26	(?)	126	(?)	1	(?)	11	33		3	162		
Federal National Mortgage Association.....	5		5					(?)	(?)			(?)	5		
Reconstruction Finance Corp. <sup>4</sup> .....	1,836	19	899	541		116	35	115	110	(?)		334	1,503		
Export-Import Bank.....	1,803	1	1,789				(?)		13			189	1,613		
Federal Deposit Insurance Corp.....	1,080	31	(?)	(?)	1,041			(?)	8			32	1,048		
Federal Works Agency.....	220	2	75				142	(?)	2			(?)	220		
Tennessee Valley Authority.....	783	22	(?)	9			747	(?)	4			12	771		
U. S. Maritime Commission:															
Maritime Commission functions <sup>5</sup> .....	4,192	560	1	81		3	3,305	29	212			393	3,799		
War Shipping Adm. functions <sup>6</sup> .....	7,003	163		27			6,507	115	191			333	6,670		
All other <sup>7</sup> .....	8,589	31	3,420	15	22	3,386	1,657	10	49		(?)	63	8,525		

<sup>1</sup> Assets shown on a net basis, i. e., after reserve for losses.<sup>2</sup> Includes investment of the U. S. in stock of International Bank for Reconstruction and Development, \$635 million; International Monetary Fund Quota, \$2,780 million.<sup>3</sup> Less than \$500,000.<sup>4</sup> Includes U. S. Commercial Co. and War Damage Corp.<sup>5</sup> As of Mar. 31, 1947.<sup>6</sup> As of Feb. 28, 1947, except for lend-lease and UNRRA activities as of Mar. 31, 1947.<sup>7</sup> As of dates other than September 30 for three small agencies included herein.

Source: Board of Governors of the Federal Reserve System; Federal Reserve Bulletin, January 1948.



## 15. State and Local Government Finances and Employment

Statistics on finances of States and the larger cities presented in this section were procured largely by trained representatives of the Bureau of the Census and by local agents directly from information available in the fiscal offices of the States and the cities, with the assistance and cooperation of public officials. Statistics on finances of other units were obtained from State sources of central collection and by mail canvass.

In order to obtain maximum uniformity and comparability in reporting data for various units, statistics were examined and classified in accordance with standard classifications employed by the Bureau of the Census in presenting governmental statistics. Consequently, statistics as presented in Bureau of the Census reports sometimes appear in a manner different from that shown in the records of the governmental unit itself. Full definitions of the concepts used by the Bureau of the Census in reporting financial information on government and a description of the methods used in presenting the data are given in the source volumes.

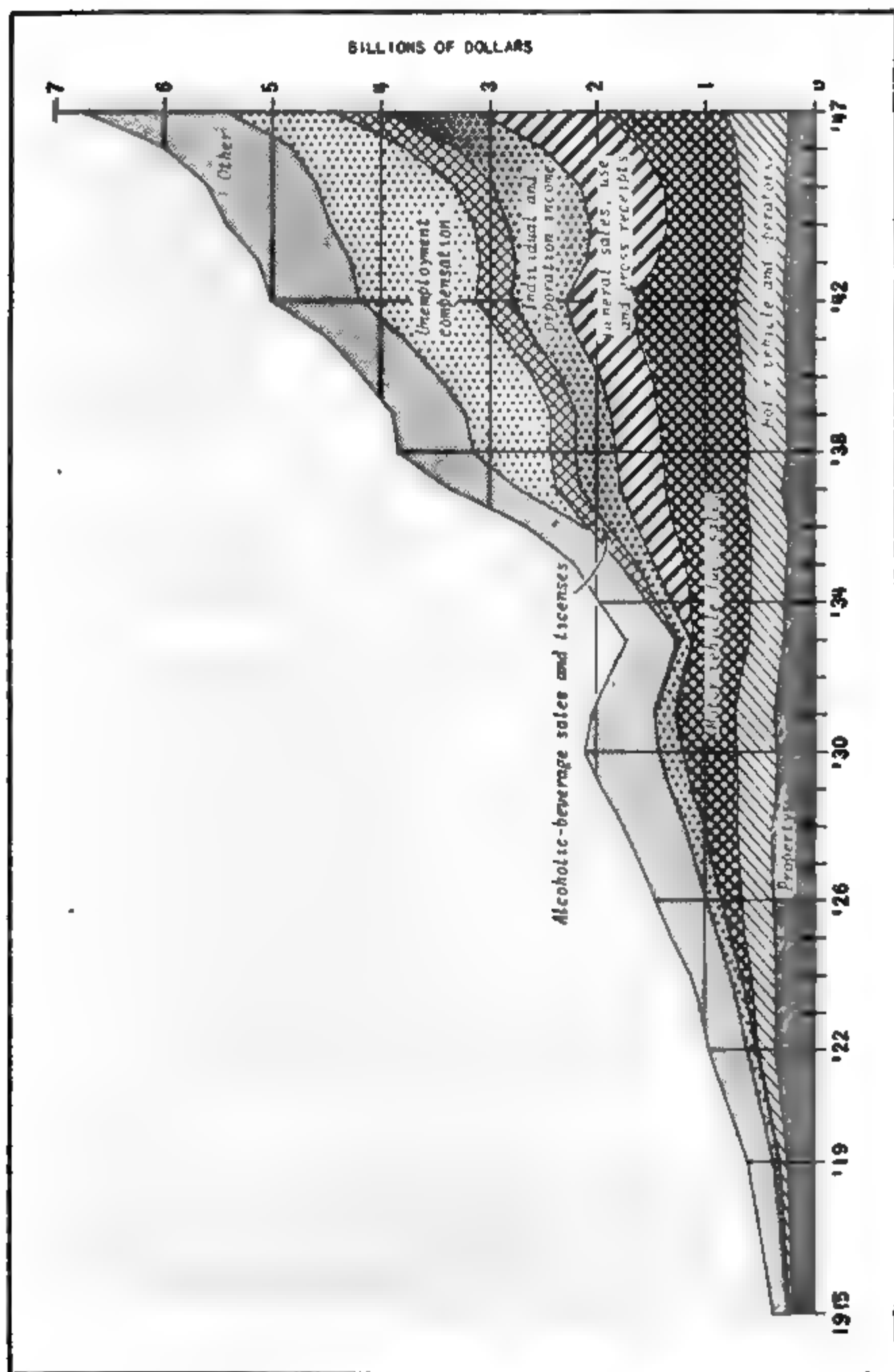
Data on employees and pay rolls are from quarterly Census reports based on a mail canvass of governments selected to show trends by type of unit and by population group. Special studies, such as those on retirement systems (see tables 302-304, pp. 273, 274) are prepared either from the financial and other data collected for annual reports or from special surveys.

The Census of Governments, formerly known as Wealth, Debt, and Taxation, is conducted decennially for years ending in "2" and is designed to obtain and report the principal financial data concerning all governmental units of every type in the United States. Data from the 1942 Census are shown in this edition of the Abstract. Although some of the smaller governmental units did not report in the Census, State and national totals for the various types of units were estimated from the relatively large number of units for which data were obtained. In addition to the summary report on Governmental Finances in the United States, separate reports were published on the finances of States, cities having populations over 25,000, counties, cities having populations less than 25,000, townships and New England towns, and school districts.

The term "general government," as used in this section, covers all governmental transactions other than those of trust and sinking funds and publicly-owned enterprises. Taxes collected for sinking or trust funds, however, are reported as general revenues, and then as contributions from general government to trust or sinking funds. Revenue excludes borrowings; expenditure includes provision for debt retirement.

The data in this section relate to the fiscal years of the respective governmental units unless otherwise specified. A summary of the governmental units, by States and by types of government, is shown in table 386; their fiscal years are summarized in table 387. Predominately the State government fiscal years covered are those ending on June 30, the other States closing their fiscal years in earlier months; the local government fiscal years covered are those ending in the calendar year except for the few that end in the succeeding January.

FIGURE N.—STATE TAX COLLECTIONS: 1915 TO 1947



Source: Department of Commerce, Bureau of the Census.

No. 886.—GOVERNMENTAL UNITS IN THE UNITED STATES, BY STATES AND BY TYPE OF GOVERNMENT: 1942

REGION AND STATE	All govern- mental units <sup>1</sup>	Counties	Town- ships and towns	MUNICIPALITIES			School districts	Special districts
				Total	Urban <sup>2</sup>	Rural		
<b>Total.....</b>	<b>155, 116</b>	<b>3, 650</b>	<b>18, 919</b>	<b>16, 220</b>	<b>3, 332</b>	<b>12, 888</b>	<b>108, 579</b>	<b>8, 299</b>
Northeast.....	17, 085	205	4, 184	2, 144	834	1, 310	9, 309	1, 174
North Central.....	96, 595	1, 051	14, 667	7, 721	1, 099	6, 622	70, 297	2, 847
South.....	25, 130	1, 386	.....	4, 756	999	3, 757	17, 061	1, 911
West.....	16, 305	408	68	1, 599	400	1, 199	11, 852	2, 367
Alabama.....	511	67	.....	275	60	215	110	58
Arizona.....	499	14	.....	33	16	17	397	54
Arkansas.....	3, 705	75	.....	374	53	321	2, 644	611
California.....	4, 149	<sup>3</sup> 57	.....	286	167	119	2, 809	996
Colorado.....	2, 358	<sup>3</sup> 62	.....	239	30	209	1, 937	119
Connecticut.....	349	8	154	37	27	10	14	135
Delaware.....	70	3	.....	51	8	43	14	1
District of Columbia.....	2	.....	.....	1	1	.....	.....	1
Florida.....	503	67	.....	267	70	197	67	101
Georgia.....	946	159	.....	470	77	393	222	94
Idaho.....	1, 666	44	.....	152	26	126	1, 148	321
Illinois.....	15, 854	102	1, 434	1, 137	208	929	12, 138	1, 042
Indiana.....	3, 043	92	1, 010	529	98	431	1, 182	229
Iowa.....	7, 519	99	1, 608	932	89	843	4, 861	18
Kansas.....	11, 115	105	1, 524	589	64	525	8, 632	264
Kentucky.....	771	120	.....	285	56	229	261	104
Louisiana.....	523	<sup>4</sup> 63	.....	194	54	140	67	198
Maine.....	584	16	482	51	26	25	.....	34
Maryland.....	207	23	.....	142	22	120	.....	41
Massachusetts.....	409	<sup>4</sup> 13	312	39	39	.....	.....	44
Michigan.....	8, 106	83	1, 265	479	126	353	6, 270	8
Minnesota.....	10, 398	87	1, 884	752	78	674	7, 673	1
Mississippi.....	1, 792	82	.....	270	48	222	1, 189	250
Missouri.....	10, 740	114	329	734	87	647	8, 613	949
Montana.....	2, 175	56	.....	115	23	92	1, 932	71
Nebraska.....	8, 307	93	476	530	36	494	7, 009	198
Nevada.....	163	17	.....	12	5	7	115	18
New Hampshire.....	546	10	223	11	11	.....	231	70
New Jersey.....	1, 143	21	235	331	164	167	490	65
New Mexico.....	225	31	.....	64	22	42	105	24
New York.....	8, 339	<sup>4</sup> 57	932	610	202	408	6, 064	675
North Carolina.....	603	100	.....	431	76	355	.....	71
North Dakota.....	4, 066	53	1, 399	333	12	321	2, 272	8
Ohio.....	4, 021	88	1, 339	890	186	704	1, 655	48
Oklahoma.....	5, 100	77	.....	499	74	425	4, 518	5
Oregon.....	2, 332	36	.....	193	34	159	1, 844	258
Pennsylvania.....	5, 263	<sup>4</sup> 66	1, 575	984	345	639	2, 546	91
Rhode Island.....	54	( <sup>5</sup> )	32	7	7	.....	.....	14
South Carolina.....	2, 057	46	.....	241	51	190	1, 744	25
South Dakota.....	4, 919	<sup>6</sup> 64	1, 128	301	19	282	3, 423	2
Tennessee.....	328	95	.....	206	57	149	11	15
Texas.....	7, 360	254	.....	637	196	441	6, 159	309
Utah.....	303	29	.....	201	25	176	40	32
Vermont.....	398	14	239	74	13	61	24	46
Virginia.....	323	100	.....	208	53	155	.....	14
Washington.....	1, 906	39	68	221	40	181	1, 148	429
West Virginia.....	326	55	.....	205	45	160	55	10
Wisconsin.....	8, 508	71	1, 271	515	94	421	6, 569	81
Wyoming.....	531	23	.....	83	12	71	377	47

<sup>1</sup> Includes Federal Government and 48 State governments.  
<sup>2</sup> Incorporated places having more than 2,500 inhabitants.  
<sup>3</sup> The City and County of San Francisco in California and the City and County of Denver in Colorado are counted as cities and not as counties.  
<sup>4</sup> Following counties are counted only as cities because they are wholly or very largely consolidated with cities indicated: Orleans Parish with New Orleans City; Suffolk County with Boston City; Bronx, Kings, New York, Queens, and Richmond Counties, with New York City; Philadelphia County with Philadelphia city.  
<sup>5</sup> Counties not organized as local governments.  
<sup>6</sup> County areas of Armstrong, Shannon, Todd, Washabaugh, and Washington are unorganized as counties and are attached for administrative purposes to neighboring counties.

## No. 887.—FISCAL YEAR ENDINGS OF STATE AND LOCAL GOVERNMENTS, BY MONTH AND BY TYPE OF GOVERNMENT

[Data chiefly as of 1945]

TYPE OF GOVERNMENT	Number of governments	MONTH IN WHICH FISCAL YEAR ENDS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Total</b> .....	1155, 115	442	1,467	5,372	3,350	241	104,855	3,812	6,545	1,427	178	142	24,544
States.....	45			2		1	41		1	2			1
Counties.....	3,050	62		4	2	6	871	5	59	252	51	62	1,666
Cities.....	16,220	90	542	1,822	1,397	167	2,545	18	125	788	60	20	8,136
Populations over 25,000.....	397	24	2	23	15	4	76	2	4	20	1	1	224
Populations under 25,000.....	15,823	66	540	1,799	1,382	163	2,469	16	121	768	59	19	7,911
Townships.....	18,919	239	1,434	6,075	1,273	4	19	8	95	34	5		9,733
School districts.....	108,579				2		98,578	3,729	8,180	110			
Special districts.....	8,299	51	11	409	176	43	2,001	52	125	271	40	40	5,020

1 Excludes Federal Government, whose fiscal year ends June 30.

2 Washington and New York.

3 Pennsylvania.

4 Texas.

5 Alabama and Wyoming.

6 Ohio. In 1945 Missouri changed its fiscal year to end on June 30 instead of December 31.

7 2 school districts in Connecticut.

8 1,182 school districts in Indiana, 2,546 in Pennsylvania, and 1 in Connecticut.

9 6,159 school districts in Texas and 1 in Connecticut.

10 110 school districts in Alabama.

Source: Department of Commerce, Bureau of the Census, Fiscal Years of State and Local Governments (Special Study No. 24)

## No 388.—FEDERAL, STATE, AND LOCAL GENERAL REVENUE BEFORE AND AFTER INTERGOVERNMENTAL AID: 1942, 1945, AND 1946

[In millions of dollars. Differences in total amounts of fiscal aid revenue and fiscal aid payments primarily reflect variance in fiscal years among governments]

ITEM	1942				1945				1946			
	Total	Federal	State	Local	Total	Federal	State	Local	Total	Federal	State	Local
Revenue from own sources.....	24,306	12,721	5,231	6,256	59,374	47,640	6,616	5,118	56,873	44,223	5,450	6,170
Aid from other governments.....	2,591		809	1,782	2,708		759	1,949	2,892		717	2,125
Total gross revenue.....	26,897	12,721	6,040	7,038	62,082	47,640	6,775	7,067	59,764	44,223	7,246	8,295
Aid to other governments.....	2,636	1,837	1,771	28	2,680	1,788	1,855	37	2,901	1,775	2,064	42
Revenue for own purposes.....	24,263	12,884	4,369	7,010	59,402	46,852	4,920	7,030	56,863	42,448	5,182	8,253

1 Comprises money grants and shared revenue; grants in kind are excluded.

2 Comprises aid paid by counties and by cities having populations over 25,000; amounts, if any, for other local governments not available.

Source: Department of Commerce, Bureau of the Census; annual report, Governmental Revenue in 1946.

No. 889.—SUMMARY OF FINANCES OF FEDERAL, STATE, AND LOCAL GOVERNMENTS:  
1942

[In millions of dollars]

ITEM	Total	Federal	STATE AND LOCAL							
			Total	State	Local					
					Total	Coun- ties	Cities	Towns and town- ships	School dis- tricts	Special dis- tricts
GENERAL REVENUE										
Total.....	\$ 24,263	13,721	\$ 11,396	6,142	7,040	1,650	3,118	344	1,779	148
Taxes.....	23,122	13,510	9,612	5,015	4,597	929	2,285	250	1,052	90
Individual income.....	3,539	3,263	276	249	27	-----	27	-----	-----	-----
Corporate income.....	5,016	4,744	272	269	3	-----	3	-----	-----	-----
Property.....	4,544	-----	4,544	271	4,273	893	1,999	241	1,051	90
Sales and gross receipts and customs.....	5,649	3,294	2,355	2,236	119	3	116	-----	-----	-----
Pay roll.....	2,355	1,271	1,084	1,076	8	-----	8	-----	-----	-----
Licenses, permits, and other taxes.....	2,020	939	1,081	914	167	25	132	9	1	-----
Aid received from other gov- ernments.....	-----	( <sup>6</sup> )	\$ 854	809	1,830	581	527	77	641	5
State.....	-----	( <sup>6</sup> )	-----	-----	1,751	570	491	73	616	2
Other.....	-----	( <sup>6</sup> )	\$ 854	809	79	11	36	4	25	3
Earnings and miscellaneous.....	1,141	211	930	317	613	150	306	17	86	54
GENERAL EXPENDITURE										
Total.....	\$ 44,604	34,320	\$ 11,120	5,863	7,096	1,629	3,184	344	1,783	156
Provision for debt re- tirement.....	1,086	( <sup>6</sup> )	1,086	305	781	192	363	40	141	44
Total less provision for debt retirement.....	\$ 43,518	34,320	\$ 10,034	5,558	6,315	1,438	2,820	303	1,642	112
Operation.....	31,170	23,954	7,216	1,916	5,301	1,234	2,266	266	1,467	67
General control.....	1,105	438	667	169	498	249	212	37	-----	-----
Public safety.....	21,915	21,158	757	123	635	57	547	25	-----	6
Police.....	396	10	386	38	348	38	390	11	-----	-----
Fire.....	231	( <sup>6</sup> )	231	1	229	( <sup>6</sup> )	216	10	-----	3
Other.....	21,289	21,148	141	84	57	19	32	3	-----	3
Highways.....	874	66	808	260	547	244	219	81	-----	4
Natural resources.....	1,160	1,001	159	123	35	16	-----	-----	-----	19
Sanitation.....	190	-----	190	-----	190	2	166	6	-----	16
Health and hospitals.....	595	27	568	288	280	119	154	6	-----	1
Public welfare.....	2,351	1,125	1,226	526	700	386	272	42	-----	-----
Schools.....	2,388	23	2,365	275	2,090	77	491	55	1,467	-----
Miscellaneous.....	591	115	476	152	325	85	204	14	-----	22
Capital outlay.....	7,594	6,577	1,017	615	402	83	182	23	97	16
Aid paid to other governments.....	-----	837	-----	1,791	48	41	4	3	( <sup>6</sup> )	-----
Interest.....	1,776	1,260	516	110	406	79	209	11	77	29
Contributions to trust funds and enterprises.....	2,978	1,693	1,285	1,126	\$ 159	-----	\$ 159	-----	-----	-----
ENTERPRISES										
Operating revenue.....	2,857	1,694	1,164	138	1,026	10	905	15	-----	96
Operating expense (before depreciation).....	2,191	1,587	604	38	566	7	507	7	-----	45
GENERAL AND ENTERPRISE DEBT OUTSTANDING										
Gross debt.....	96,294	76,991	\$ 19,303	3,267	16,084	1,969	9,423	250	1,668	2,773
Long-term.....	89,771	71,387	\$ 18,384	3,104	15,314	1,911	9,167	221	1,575	2,440
Short-term.....	6,523	5,604	\$ 919	163	770	59	256	29	93	333
Net long-term.....	87,789	71,387	16,402	2,569	13,832	1,762	7,980	216	1,475	2,400

<sup>1</sup> Sources: Revenue, U. S. Treasury Department, Combined Statement of Receipts, Expenditures, and Balances of the U. S. Government, Fiscal Year Ended June 30, 1942, pp. 25-31; other data, special compilation by Bureau of Accounts, U. S. Treasury Department. Adjustments made in Federal data to conform to Bureau of Census classifications for reporting State and local government finances.

<sup>2</sup> Represents only those school districts classified by Census Bureau as independent units of government. School figures for other local governments are included with figures for those governments.

<sup>3</sup> Each of these Federal-State-local totals and State-and-local totals is less than the sum of amounts shown separately for the several components, because totals exclude duplicating intergovernmental fiscal aid.

<sup>4</sup> Included in "Earnings and miscellaneous."

<sup>5</sup> Omits \$94 million for debt retirement reported by U. S. Treasury because payment is only nominally an expenditure and is not a charge against revenue.

<sup>6</sup> Included in "Other" public safety.

<sup>7</sup> Includes \$21,111 million for war activities.

<sup>8</sup> Less than \$0.5 million.

<sup>9</sup> For cities having populations over 100,000 only. Data for other local governments not available.

<sup>10</sup> Total is less than sum of "State" and "Local" because of exclusion of debts incurred by States for loans to local governments, which duplicate local government obligations held by States.

Source: Department of Commerce, Bureau of the Census; Revised Summary of State and Local Government Finances in 1942, and reports of 1942 Census of Governments.

No. 390.—FEDERAL, STATE, AND LOCAL GENERAL REVENUE, BY SOURCE AND BY TYPE OF GOVERNMENT: 1945 AND 1946

[In millions of dollars]

SOURCE	Total	Fed- eral <sup>1</sup>	STATE AND LOCAL						
			Total	State	Local <sup>2</sup>				
					Total	Coun- ty	City	School dis- trict	Other <sup>3</sup>
1945									
Total (including intergovernmental aid).....	62,082	47,640	14,442	6,775	7,667	1,720	3,296	1,975	675
Total (excluding intergovernmental aid).....	59,374	47,640	11,734	6,016	5,718	1,116	2,739	1,268	595
Taxes, total.....	54,857	44,297	10,561	5,603	4,957	906	2,363	1,291	488
Individual income.....	19,419	19,034	385	359	26	-----	26	-----	-----
Corporation income.....	16,487	16,027	460	454	5	-----	5	-----	-----
Death and gift.....	780	643	137	136	1	-----	1	-----	-----
Property.....	4,916	-----	4,916	276	4,640	889	2,070	1,201	480
Sales, use, and gross receipts.....	8,502	6,069	2,432	2,295	137	-----	137	-----	( <sup>5</sup> )
Social insurance.....	3,167	1,912	1,255	1,254	2	-----	2	-----	-----
Licenses, permits, and other taxes.....	1,587	611	976	830	146	17	122	-----	8
Charges and miscellaneous.....	4,517	3,348	1,173	413	761	209	377	68	107
Aid received from other governments.....	2,708	( <sup>7</sup> )	2,708	759	1,949	605	556	707	80
1946									
Total (including intergovernmental aid).....	59,764	44,223	15,542	7,246	8,295	1,886	3,566	2,115	729
Total (excluding intergovernmental aid).....	56,873	44,223	12,650	6,480	6,170	1,235	2,980	1,319	637
Taxes, total.....	52,547	41,250	11,296	6,014	5,283	1,005	2,513	1,244	529
Individual income.....	19,126	18,705	422	389	33	-----	33	-----	-----
Corporation income.....	13,001	12,554	447	442	5	-----	5	-----	-----
Death and gift.....	824	677	147	146	1	-----	1	-----	-----
Property.....	5,157	-----	5,157	253	4,904	986	2,162	1,244	512
Sales, use, and gross receipts.....	9,877	6,884	2,993	2,826	167	1	165	-----	( <sup>5</sup> )
Social insurance.....	2,865	1,830	1,035	1,034	2	-----	2	-----	-----
Licenses, permits, and other taxes.....	1,696	601	1,094	924	171	18	145	-----	8
Charges and miscellaneous.....	4,326	2,972	1,354	466	888	229	467	75	117
Aid received from other governments.....	2,892	( <sup>7</sup> )	2,892	767	2,125	651	586	796	93

<sup>1</sup> Derived from Treasury Department annual, Combined Statement of Receipts, Expenditures, and Balances of the U. S. Government, supplemented with respect to tax collection detail by data published in Annual Report of Secretary of Treasury. Data were arranged in accordance with Bureau of Census uniform classification of State and local government finances.

<sup>2</sup> Based on estimates, in part.

<sup>3</sup> Comprises special districts and townships, including towns in New England States, New Jersey, and New York.

<sup>4</sup> Includes excess profits tax and unjust enrichment tax in addition to normal tax and surtax.

<sup>5</sup> Less than \$500,000.

<sup>6</sup> Includes collections of railroad unemployment insurance contributions which are credited directly to Railroad Retirement Board. Such amounts are not reported as receipts of U. S. Treasury.

<sup>7</sup> Small amounts received by Federal Government from State and local governments are included in "charges and miscellaneous."

Source: Department of Commerce, Bureau of the Census; annual report, Governmental Revenue in 1946.

No. 391.—INTEREST PAYMENTS ON DEBT OF FEDERAL, STATE, AND LOCAL GOVERNMENTS: 1932 TO 1947

[Amounts in millions of dollars. Data cover debt for both general government and enterprise]

GOVERNMENTAL UNIT	1932	1942	1944	1945	1946	1947
Total.....	1,439	1,967	3,266	4,245	5,322	5,493
Federal.....	599	1,200	2,610	3,622	4,747	4,985
State and local.....	840	707	656	623	575	538
State.....	114	123	102	95	84	72
Local.....	726	584	554	528	491	453
County.....	127	78	73	67	61	53
City.....	419	345	328	316	299	292
Township, school district, and special district.....	180	161	153	145	131	113

Source: Department of Commerce, Bureau of the Census; annual report, Governmental Debt in 1947.



No. 892.—GROSS DEBT OF FEDERAL, STATE, AND LOCAL GOVERNMENTS: 1902 TO 1947

[In millions of dollars. Figures differ from those in tables 389, 394, 395, 400, 402, and 411 because, beginning 1940, data are as of June 30; earlier data as of ends of fiscal years]

YEAR	Total	Federal <sup>1</sup>	STATE AND LOCAL <sup>2</sup>							
			Total <sup>3</sup>	State	Local					
					Total	County	City	Town- ship	School district	Special district
1902.....	3,372	1,178	2,195	270	1,925	205	1,612	57	46	5
1912.....	5,692	1,194	4,498	423	4,075	393	3,447	80	119	36
1922.....	33,219	22,963	10,256	1,163	9,093	1,387	5,810	130	1,127	639
1932.....	39,060	19,487	19,573	2,907	16,680	2,775	9,909	433	2,170	1,393
1940.....	63,177	42,968	20,209	3,526	16,720	2,156	9,899	290	1,813	2,563
1942.....	92,064	72,422	19,642	3,211	16,479	1,846	9,806	273	1,701	2,853
1944.....	218,429	201,003	17,426	2,768	14,703	1,694	8,624	202	1,465	2,718
1945.....	275,234	258,682	16,552	2,425	14,164	1,545	8,411	178	1,363	2,667
1946.....	285,309	269,422	15,887	2,358	13,564	1,417	8,101	166	1,283	2,597
1947.....	275,075	258,286	16,789	2,972	13,847	1,481	8,097	178	1,355	2,736

<sup>1</sup> Debt of the United States Government; includes general treasury obligations incurred on behalf of Federal agencies and excludes Federal agency debt incurred outside of general treasury.  
<sup>2</sup> Comprises debt both for general purposes and for government enterprises.  
<sup>3</sup> Beginning 1932, total is less than sum of amounts shown in "State" and "Local" columns because of exclusion of State debts incurred for loans to local governments, which duplicate local obligations held by State governments.  
Source: Department of Commerce, Bureau of the Census; annual report, Governmental Debt in 1947.

No. 898.—SELECTED ITEMS IN ENTERPRISE FINANCES OF STATE AND LOCAL GOVERNMENTS: 1942  
[In thousands of dollars]

TYPE OF GOVERNMENT AND ENTERPRISE	Operat-ing revenue	Operat-ing expense	DEBT SERVICE		
			Total	Interest	Provi-sion for debt re-tirement
Total.....	1,163,810	604,158	345,818	185,848	159,970
Alcoholic-beverage monopoly systems.....	111,074	27,468			
Water-supply systems.....	438,682	202,980	143,720	78,375	65,345
Electric light and power systems.....	287,810	156,508	41,221	18,373	22,848
Housing authorities <sup>1</sup> .....	10,144	7,319	7,282	3,419	3,863
Other.....	316,100	209,883	153,595	85,681	67,914
States.....	137,907	38,294	28,169	9,796	18,373
Alcoholic-beverage monopoly systems.....	103,414	22,674			
Other.....	34,493	15,620	28,169	9,796	18,373
Counties.....	10,315	6,796	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Alcoholic-beverage monopoly systems.....	7,660	4,794			
Other.....	2,655	2,002	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Cities.....	905,018	506,830	256,130	135,758	120,372
Water-supply systems.....	401,856	185,129	124,939	63,866	61,073
Electric light and power systems.....	266,029	143,246	34,351	12,914	21,437
Other.....	237,133	178,455	96,840	58,978	37,862
Townships and towns.....	15,027	6,830	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Special districts.....	95,543	45,408	61,519	40,294	21,225
Water-supply systems.....	23,001	11,841	18,781	14,509	4,272
Electric light and power systems.....	20,729	12,510	6,870	5,459	1,471
Housing authorities <sup>1</sup> .....	10,144	7,319	7,282	3,419	3,863
Other.....	41,669	13,738	28,586	16,907	11,679

<sup>1</sup> Refers to 121 housing authorities which were in operation in 1942. Excludes 422 housing authorities for which construction was incomplete.  
<sup>2</sup> Data not available.  
Source: Department of Commerce, Bureau of the Census; Governmental Finances in the United States, 1942.

No. 894.—SUMMARY OF STATE AND LOCAL GOVERNMENT FINANCES, BY STATE AREA AND LEVEL OF GOVERNMENT: 1942

[State-and-local aggregates of general revenue and general expenditure are less than the sum of "State" and "Local", because they exclude duplicating intergovernmental aid, i. e., that between State and local levels of government. Thus, both national and State-area aggregates for "Aid received" represent aid from only the Federal Government]

[In thousands of dollars]

STATE AREA AND LEVEL OF GOVERNMENT	GENERAL REVENUE			GENERAL EXPENDITURE			GENERAL AND ENTERPRISE DEBT OUTSTANDING	
	Total	Taxes	Aid received	Total	Operation	Capital outlay	Gross	Net long-term
Total .....	11,396,176	9,611,990	854,176	11,119,903	7,216,294	1,016,563	19,302,847	16,401,606
State.....	6,141,715	5,015,166	809,315	5,863,156	1,915,624	614,999	3,266,623	2,569,210
Local.....	7,039,514	4,596,824	1,829,914	7,095,757	5,300,670	401,564	16,084,048	13,832,456
Alabama.....	110,985	90,932	11,884	113,655	71,779	13,397	229,235	214,822
State.....	79,789	62,287	10,991	72,570	20,877	9,548	76,656	72,029
Local.....	68,688	28,645	32,385	68,115	50,902	3,849	152,579	142,793
Arizona.....	49,242	37,018	7,223	45,469	31,413	7,185	75,872	71,192
State.....	34,175	26,574	6,447	33,319	13,808	4,990	3,663	3,483
Local.....	25,031	10,444	10,740	23,606	17,605	2,195	72,209	67,709
Arkansas.....	77,997	60,343	8,312	68,247	41,638	5,002	226,900	217,408
State.....	56,022	45,822	7,785	47,208	19,952	3,336	154,817	148,792
Local.....	31,380	14,521	9,932	31,150	21,686	1,666	72,083	68,616
California.....	912,100	767,408	67,689	904,076	555,057	77,145	1,357,181	1,247,176
State.....	517,261	436,137	65,010	523,943	91,488	33,892	218,421	144,929
Local.....	588,706	331,271	196,546	576,936	463,569	43,253	1,150,760	1,102,247
Colorado.....	114,057	87,276	16,263	105,362	81,109	7,502	153,079	142,792
State.....	61,798	43,727	14,919	59,162	15,506	5,394	24,089	23,666
Local.....	79,935	43,549	29,020	74,996	65,603	2,108	128,990	119,106
Connecticut.....	186,510	166,592	10,540	179,834	116,739	16,820	188,432	165,794
State.....	98,550	81,750	12,084	90,782	41,050	13,959	80,213	30,213
Local.....	98,712	84,842	9,208	100,293	75,689	2,861	158,219	135,581
Delaware.....	21,714	18,010	1,985	21,633	14,577	2,915	26,141	23,767
State.....	16,107	13,376	1,918	16,473	7,551	2,675	5,307	5,233
Local.....	9,030	4,634	3,490	8,560	7,026	240	20,834	18,534
District of Columbia.....	65,764	53,593	9,191	61,717	40,635	10,069	20,885	9,655
(Local).....	65,764	53,593	9,191	61,717	40,635	10,069	20,885	9,655
Florida.....	156,525	123,397	11,136	154,046	97,197	17,559	446,810	415,650
State.....	82,284	68,243	11,249	77,475	34,993	10,867	1,075	1,075
Local.....	97,484	55,154	23,130	100,045	62,204	6,692	445,735	414,575
Georgia.....	137,951	111,502	10,559	132,314	89,458	18,864	141,876	123,167
State.....	87,568	70,948	12,775	78,865	27,713	14,190	26,679	26,163
Local.....	74,358	40,554	21,759	75,383	61,745	4,674	115,197	97,004
Idaho.....	43,925	32,482	5,529	43,711	29,730	7,284	76,287	71,994
State.....	24,104	16,239	6,045	23,656	11,235	5,066	3,601	2,548
Local.....	27,964	16,243	7,627	27,702	18,495	2,218	72,686	69,446
Illinois.....	766,788	676,111	44,097	723,575	472,859	52,483	960,200	748,995
State.....	373,129	320,802	43,176	331,926	128,363	24,096	150,745	144,387
Local.....	451,765	355,309	59,027	460,776	344,496	28,387	809,455	604,608
Indiana.....	270,828	230,179	23,050	259,902	189,925	27,494	169,988	159,020
State.....	154,079	125,421	21,008	141,151	34,869	20,719	7,960	7,214
Local.....	171,585	104,758	56,878	173,403	146,056	6,775	162,028	151,806
Iowa.....	202,903	163,145	14,602	197,434	142,486	20,532	169,251	166,501
State.....	105,136	80,201	13,818	96,815	42,808	11,789	3,051	2,941
Local.....	129,474	82,944	32,491	132,636	99,678	8,743	166,200	163,560
Kansas.....	136,104	110,400	16,048	126,519	93,943	13,406	104,578	97,523
State.....	66,760	50,041	12,872	62,520	21,714	8,972	15,522	14,544
Local.....	92,678	60,359	26,510	91,253	72,229	4,434	89,056	82,979

<sup>1</sup> Total is less than sum of "State" and "Local" because of exclusion of debts incurred by States for loans to local governments, which duplicate local government obligations held by States.

No. 394.—SUMMARY OF STATE AND LOCAL GOVERNMENT FINANCES, BY STATE AREA  
AND LEVEL OF GOVERNMENT: 1942—Continued

(In thousands of dollars)

STATE AREA AND LEVEL OF GOVERNMENT	GENERAL REVENUE			GENERAL EXPENDITURE			GENERAL AND EN- TERPRISE DEBT OUTSTANDING	
	Total	Taxes	Aid re- ceived	Total	Opera- tion	Capital outlay	Gross	Net long- term
Kentucky.....	131,065	108,652	12,852	124,312	76,921	20,701	143,001	123,327
State.....	83,321	66,918	12,600	76,864	32,197	15,499	9,324	8,702
Local.....	58,721	41,734	11,229	58,189	44,724	4,202	123,677	114,625
Louisiana.....	163,554	132,333	14,983	173,684	103,075	20,761	387,814	371,420
State.....	113,300	92,053	14,573	120,001	47,516	13,003	184,133	179,965
Local.....	79,621	40,280	29,757	83,233	55,459	7,158	203,681	191,455
Maine.....	68,529	56,445	5,403	66,501	47,558	6,130	69,796	59,561
State.....	40,342	29,059	5,993	39,875	21,250	5,394	26,465	26,333
Local.....	31,500	27,386	2,423	30,540	26,318	736	43,311	—
Maryland.....	141,027	121,415	8,349	141,032	85,802	15,247	324,746	260,450
State.....	76,887	63,109	8,206	73,810	20,441	9,177	52,463	50,104
Local.....	86,902	58,306	22,905	88,625	65,361	6,070	272,284	210,346
Massachusetts.....	460,111	402,798	30,264	462,943	326,038	18,829	522,282	—
State.....	207,719	170,139	27,491	213,754	60,957	7,157	111,375	76,631
Local.....	340,961	232,659	91,342	338,301	275,089	11,672	424,467	319,567
Michigan.....	527,934	436,979	33,116	496,434	340,654	40,269	637,290	532,346
State.....	307,156	251,153	31,640	283,083	92,994	21,099	51,840	23,085
Local.....	316,616	185,826	97,314	309,124	247,660	19,200	585,450	499,261
Minnesota.....	251,562	206,091	22,622	244,341	163,671	36,080	313,043	264,655
State.....	125,315	103,351	22,364	129,425	36,503	18,109	106,176	79,015
Local.....	163,432	102,740	47,643	161,552	127,168	7,891	206,657	185,640
Mississippi.....	96,311	77,687	10,380	90,364	55,447	8,677	184,344	174,149
State.....	61,909	47,411	11,480	57,617	19,538	6,400	82,499	80,613
Local.....	56,254	30,276	20,752	52,100	35,909	2,277	101,845	93,331
Missouri.....	252,941	206,966	27,592	246,261	166,864	21,795	327,790	302,914
State.....	136,693	106,095	26,283	132,930	61,041	14,032	94,492	89,109
Local.....	137,656	100,961	22,717	137,225	104,823	7,763	233,298	213,805
Montana.....	58,737	42,974	6,333	54,473	37,927	7,520	90,065	85,990
State.....	28,826	18,671	7,096	26,506	13,327	5,174	13,161	12,004
Local.....	38,978	24,303	10,302	39,099	24,600	2,346	76,904	73,986
Nebraska.....	68,441	66,399	9,804	82,733	65,781	8,740	197,639	188,392
State.....	40,514	27,508	9,541	38,429	14,101	6,376	1,384	1,384
Local.....	63,481	40,890	15,817	60,118	51,680	2,464	196,255	187,008
Nevada.....	17,312	12,551	3,216	17,467	10,975	4,007	10,383	9,819
State.....	10,857	6,058	4,565	9,810	3,990	3,492	669	597
Local.....	8,627	6,493	1,023	8,678	6,985	515	9,714	9,222
New Hampshire.....	46,604	37,948	3,311	46,490	31,151	5,729	35,487	32,034
State.....	24,821	17,530	4,413	24,555	12,326	4,027	19,042	17,476
Local.....	24,594	20,415	2,209	24,831	18,825	1,702	16,445	15,558
New Jersey.....	486,332	436,142	16,890	480,735	299,372	—	1,096,832	973,053
State.....	219,904	192,965	17,973	215,115	47,491	12,586	109,694	62,440
Local.....	338,351	243,177	69,919	334,726	251,881	7,436	987,138	910,613
New Mexico.....	34,069	26,590	4,783	36,136	24,016	5,610	84,419	63,038
State.....	25,937	19,937	4,864	27,673	12,073	5,258	27,423	26,707
Local.....	16,029	6,653	6,796	14,752	—	562	36,993	36,331
New York.....	1,680,528	1,536,113	63,446	1,743,293	1,071,802	122,032	5,162,897	4,256,954
State.....	722,101	646,061	56,389	729,020	143,222	45,101	709,104	498,919
Local.....	1,237,422	892,052	286,072	1,306,486	928,580	76,931	4,468,390	3,757,035
North Carolina.....	188,606	159,257	14,287	170,647	103,904	17,645	425,357	390,966
State.....	132,781	112,806	13,781	114,016	61,836	14,733	—	108,329
Local.....	64,628	46,449	9,209	66,357	42,068	2,912	296,953	282,639
North Dakota.....	53,908	45,059	6,243	46,671	30,712	5,951	43,101	20,465
State.....	27,220	19,668	5,624	24,411	11,364	3,698	22,866	5,027
Local.....	33,948	25,391	5,679	28,176	19,328	—	20,235	15,438

<sup>1</sup> Total is less than sum of "State" and "Local" because of exclusion of debts incurred by States for loans to local governments, which duplicate local government obligations held by States.

## No. 894.—SUMMARY OF STATE AND LOCAL GOVERNMENT FINANCES, BY STATE AREA AND LEVEL OF GOVERNMENT: 1942—Continued

[In thousands of dollars]

STATE AREA AND LEVEL OF GOVERNMENT	GENERAL REVENUE			GENERAL EXPENDITURE			GENERAL AND ENTERPRISE DEBT OUTSTANDING	
	Total	Taxes	Aid received	Total	Operation	Capital outlay	Gross	Net long-term
Ohio.....	611,812	507,531	43,669	582,600	380,704	42,393	697,330	584,657
State.....	358,862	301,930	41,582	337,027	98,863	24,031	13,141	12,566
Local.....	383,031	205,601	132,168	383,577	281,841	18,362	684,189	572,092
Oklahoma.....	153,138	122,351	21,797	143,266	105,392	12,155	162,706	120,592
State.....	103,668	80,291	20,056	91,047	47,696	9,243	40,132	39,280
Local.....	73,532	42,060	25,803	75,314	57,696	2,912	122,574	81,312
Oregon.....	115,479	87,336	15,977	108,344	68,477	15,278	154,494	126,419
State.....	64,973	45,587	13,490	58,562	29,279	10,607	31,289	14,359
Local.....	56,821	41,749	8,802	59,296	39,198	4,671	123,205	112,060
Pennsylvania.....	882,375	749,743	59,775	872,976	535,056	81,099	1,506,510	1,113,273
State.....	491,635	400,530	58,725	481,880	197,143	56,456	290,644	168,964
Local.....	469,522	349,213	79,832	481,576	337,913	24,643	1,215,866	944,309
Rhode Island.....	71,885	65,229	3,843	73,916	42,636	5,734	183,263	132,493
State.....	37,524	33,038	3,452	36,239	13,710	2,167	29,333	23,946
Local.....	37,063	32,191	3,113	40,340	28,926	3,567	153,930	108,547
South Carolina.....	94,423	78,290	9,357	95,740	56,364	13,923	209,120	187,660
State.....	62,881	51,263	8,794	63,510	20,816	11,474	88,039	85,530
Local.....	49,549	27,027	18,570	50,681	35,548	2,449	121,081	102,130
South Dakota.....	53,900	41,570	6,391	51,275	34,732	7,173	68,818	52,932
State.....	24,558	16,774	5,953	23,893	12,352	4,313	32,415	22,898
Local.....	31,975	24,796	3,071	30,987	22,380	2,860	36,403	30,034
Tennessee.....	147,589	117,807	19,045	139,605	85,521	18,200	388,462	361,178
State.....	86,264	66,296	15,665	81,090	25,844	13,938	98,508	86,481
Local.....	86,934	51,511	28,989	85,725	59,677	4,262	289,954	274,697
Texas.....	377,329	305,740	37,215	370,591	233,078	46,295	734,038	662,096
State.....	213,007	169,833	34,151	199,137	74,921	28,468	21,242	17,786
Local.....	238,777	135,907	77,519	246,893	158,157	17,827	712,796	644,310
Utah.....	53,422	40,617	9,168	49,965	37,448	6,159	41,440	38,091
State.....	34,821	24,022	9,159	32,301	18,141	4,558	2,590	2,590
Local.....	24,659	16,595	6,067	24,745	19,307	1,601	38,850	35,501
Vermont.....	28,717	24,065	3,138	28,182	19,389	3,428	17,942	15,943
State.....	16,788	13,144	3,096	16,313	8,101	2,427	6,650	6,650
Local.....	13,459	10,921	1,572	14,768	11,288	1,001	11,292	9,293
Virginia.....	157,985	120,856	13,067	144,451	87,322	30,545	216,429	150,571
State.....	104,705	75,452	12,300	89,243	31,504	24,752	27,818	19,258
Local.....	73,763	45,404	21,250	75,876	55,818	5,793	188,611	131,313
Washington.....	198,338	150,763	24,516	172,017	129,332	13,612	234,069	206,296
State.....	138,639	105,891	23,748	117,307	53,082	7,315	17,257	11,925
Local.....	98,584	44,872	39,650	94,192	76,250	6,297	217,081	194,371
West Virginia.....	121,314	97,720	11,686	124,653	78,786	20,591	134,312	126,308
State.....	87,484	67,594	11,538	91,402	33,094	17,898	79,660	74,115
Local.....	54,048	30,126	20,366	53,305	45,692	2,693	54,652	52,193
Wisconsin.....	298,420	239,952	20,880	273,023	204,950	21,856	119,715	102,384
State.....	151,180	122,908	18,803	137,873	32,491	12,002	5,403	5,403
Local.....	221,498	117,044	76,335	214,222	172,459	9,854	114,312	96,981
Wyoming.....	22,766	17,637	2,015	25,158	16,905	4,530	51,198	49,583
State.....	13,261	8,641	3,848	13,554	4,363	4,012	3,568	3,568
Local.....	16,904	8,996	5,566	16,577	12,542	518	47,630	46,014

<sup>1</sup> Total is less than sum of "State" and "Local" because of exclusion of debts incurred by States for loans to local governments, which duplicate local government obligations held by States.

Source: Department of Commerce, Bureau of the Census; Revised Summary of State and Local Government Finances in 1942.

No. 395.—GENERAL AND ENTERPRISE DEBT OF STATE AND LOCAL GOVERNMENTS: 1946

[Data are for ends of fiscal years: (a) closed during 12-month period ended on June 30, 1946, for States, for cities having populations less than 25,000, and for townships, school districts, and special districts; and (b) closed during calendar year 1945 for counties and for cities having populations over 25,000. Includes data both for general debt and for enterprise debt]

[In millions of dollars]

PURPOSE AND TERM	Total <sup>1</sup>	State <sup>2</sup>	LOCAL					
			Total	County	City	Town- ship	School district	Special district
TOTAL								
Total gross debt.....	16, 288	2, 366	13, 957	1, 531	8, 207	178	1, 283	2, 668
Long-term debt.....	15, 795	2, 344	13, 484	1, 496	8, 166	166	1, 220	2, 436
Short-term debt.....	493	22	473	35	131	12	63	232
Sinking-fund assets.....	2, 150	594	1, 589	138	1, 305	10	62	74
Net long-term debt.....	13, 645	1, 750	11, 895	1, 358	6, 861	156	1, 158	2, 362
GENERAL GOVERNMENT								
Total gross debt.....	10, 386	2, 148	8, 247	1, 508	4, 488	167	1, 283	801
Long-term debt.....	10, 116	2, 126	7, 997	1, 473	4, 357	155	1, 220	792
Short-term debt.....	270	22	250	35	131	12	63	9
Sinking-fund assets.....	1, 422	574	855	137	613	10	62	33
Net long-term debt.....	8, 694	1, 552	7, 142	1, 336	3, 744	145	1, 158	759
ENTERPRISES								
Total gross debt.....	5, 902	218	5, 710	23	3, 809	11	-----	1, 867
Long-term debt.....	5, 679	218	5, 487	23	3, 809	11	-----	1, 644
Short-term debt.....	223	-----	223	-----	-----	-----	-----	223
Sinking-fund assets.....	728	20	734	1	692	-----	-----	41
Net long-term debt.....	4, 951	198	4, 753	22	3, 117	11	-----	1, 608

<sup>1</sup> Totals are less than sums of State and local figures for gross debt and long- and short-term debt because of exclusion of duplicating State debt for reloan to local governments. Similarly, totals of sinking-fund assets are less than sums of State and local assets because of exclusion of assets representing duplicating State debt for reloans to local governments.

<sup>2</sup> See table 400 for slightly revised data.

Source: Department of Commerce, Bureau of the Census; annual report, Governmental Debt in 1946.

No. 396.—EMPLOYEES AND PAY ROLLS OF FEDERAL, STATE, AND LOCAL GOVERNMENTS: 1940 TO 1947 <sup>1</sup>

[Data for 1940 through 1946 are for October. Includes employees of enterprises. Both permanent and temporary employees included. Numbers of part-time employees not reduced full-time equivalent]

TYPE OF GOVERNMENT	1940	1941	1942	1943	1944	1945	1946	1947			
								Janu- ary	April	July	Octo- ber
NUMBER OF EMPLOYEES (THOUSANDS)											
Total.....	4, 474	4, 970	5, 915	6, 358	6, 537	6, 556	6, 001	5, 874	5, 898	5, 132	5, 791
Federal (civilian) <sup>1</sup> .....	1, 128	1, 598	2, 664	3, 166	3, 365	3, 375	2, 434	2, 279	2, 215	2, 103	2, 002
State and local.....	3, 346	3, 372	3, 251	3, 192	3, 172	3, 181	3, 567	3, 595	3, 683	3, 029	3, 789
School <sup>2</sup> .....	1, 320	1, 320	1, 320	1, 320	1, 311	1, 267	1, 457	1, 483	1, 496	733	1, 529
Nonschool.....	2, 026	2, 052	1, 931	1, 872	1, 861	1, 914	2, 110	2, 112	2, 188	2, 297	2, 260
State.....	551	547	503	464	456	473	572	601	607	624	638
Local.....	1, 474	1, 504	1, 428	1, 408	1, 405	1, 441	1, 539	1, 511	1, 581	1, 672	1, 622
AMOUNT OF MONTHLY PAY ROLL (MILLIONS OF DOLLARS)											
Total.....	565. 8	649. 4	880. 2	1, 084. 4	1, 103. 0	1, 109. 9	1, 155. 5	1, 143. 0	1, 135. 8	1, 004. 3	1, 183. 6
Federal (civilian) <sup>1</sup> .....	177. 0	254. 1	486. 1	672. 7	684. 9	642. 3	571. 5	538. 7	509. 3	494. 4	481. 3
State and local.....	388. 8	395. 3	394. 1	411. 7	418. 2	467. 6	584. 0	604. 3	626. 5	509. 9	702. 3
School <sup>2</sup> .....	175. 3	175. 4	175. 4	175. 7	172. 2	200. 0	260. 1	270. 8	277. 0	139. 3	318. 5
Nonschool.....	213. 5	219. 9	218. 7	236. 0	246. 0	267. 6	323. 9	333. 5	349. 5	370. 6	383. 7
State.....	58. 8	62. 1	59. 5	64. 0	64. 2	72. 9	93. 5	99. 9	102. 2	108. 2	116. 0
Local.....	154. 7	157. 7	159. 1	171. 9	181. 8	194. 8	230. 4	233. 6	247. 3	262. 4	267. 7

<sup>1</sup> Data from Bureau of Labor Statistics. Includes data for Federal civilian employees working outside continental United States.

<sup>2</sup> School employment statistics for 1946 and 1947 based on returns to quarterly mail canvass of Bureau of Census; those for prior years based on information furnished by U. S. Office of Education. All school board members excluded from these estimates of public school employment.

Source: Department of Commerce, Bureau of the Census; quarterly report, Public Employment in October 1947.

No. 897.—NUMBER OF PUBLIC EMPLOYEES, BY STATES: APRIL 1947

[Includes employees of enterprises. Both permanent and temporary employees included; numbers of part-time employees not reduced to full-time equivalent. Employment statistics subject to sampling variation. Figures identified by asterisk (\*) subject to particularly large variation and should be interpreted with caution]  
[In thousands]

STATE	Total employees	Federal civilian <sup>(1)</sup>	STATE AND LOCAL							
			Total	School	Non-school	State	Local			
							Total	City <sup>2</sup>	County <sup>(3)</sup>	Other <sup>4</sup>
Total..	5,607	1,924	3,682	1,496	2,186	859	2,823	1,192	397	1,234
Alabama.....	94	34	60	33	27	15	45	9	*8	28
Arizona.....	30	12	18	8	10	6	12	3	2	7
Arkansas.....	52	15	37	20	17	10	27	*6	*3	18
California.....	477	197	280	102	178	51	230	74	49	107
Colorado.....	57	20	37	17	20	10	27	9	5	13
Connecticut.....	59	11	49	17	32	17	32	17	(5)	14
Delaware.....	10	2	8	3	5	4	4	3	(5)	1
District of Columbia.....	243	226	18	5	13	-----	18	18	-----	(5)
Florida.....	107	36	70	24	46	23	48	22	*5	21
Georgia.....	105	41	64	34	30	14	50	16	7	28
Idaho.....	26	7	19	8	11	5	14	3	(7)	9
Illinois.....	295	104	191	73	118	36	155	56	13	85
Indiana.....	127	27	99	44	55	22	77	21	14	42
Iowa.....	99	17	82	37	45	18	64	15	11	29
Kansas.....	79	20	60	27	32	13	47	12	8	27
Kentucky.....	73	24	49	24	25	13	36	13	(7)	18
Louisiana.....	86	26	60	25	35	22	38	12	*5	21
Maine.....	41	12	29	11	*18	8	22	6	1	*15
Maryland.....	85	41	44	17	27	13	31	19	11	1
Massachusetts.....	169	49	120	34	86	22	98	62	4	*32
Michigan.....	208	84	174	69	105	32	142	77	19	47
Minnesota.....	113	24	89	36	52	20	69	27	9	33
Mississippi.....	64	18	46	23	22	11	35	6	(7)	21
Missouri.....	136	47	89	37	52	18	71	28	6	37
Montana.....	27	9	18	8	11	5	13	3	3	6
Nebraska.....	59	18	41	18	23	7	34	9	*5	19
Nevada.....	11	5	6	2	4	2	4	1	1	1
New Hampshire.....	19	3	15	5	*16	5	10	2	1	(7)
New Jersey.....	157	44	113	44	69	19	94	55	11	28
New Mexico.....	28	11	16	9	7	7	10	2	(7)	7
New York.....	607	185	422	118	304	68	354	260	26	68
North Carolina.....	103	29	74	40	34	56	18	13	5	(5)
North Dakota.....	34	7	27	11	16	4	23	5	2	*16
Ohio.....	275	77	198	78	120	34	164	65	20	78
Oklahoma.....	80	28	52	27	25	13	39	10	7	21
Oregon.....	56	17	39	17	22	13	27	8	4	14
Pennsylvania.....	339	111	227	92	135	65	163	50	12	101
Rhode Island.....	29	11	18	6	12	6	12	9	-----	3
South Carolina.....	61	20	40	21	19	13	28	6	4	18
South Dakota.....	33	9	24	10	15	5	20	4	*3	*13
Tennessee.....	97	37	60	29	31	11	49	21	26	2
Texas.....	250	81	168	81	87	35	133	42	21	70
Utah.....	44	21	22	11	11	7	16	5	2	8
Vermont.....	14	3	11	4	7	3	8	*2	(5)	*6
Virginia.....	131	64	66	31	36	24	42	20	22	-----
Washington.....	122	54	68	27	41	18	50	15	9	25
West Virginia.....	55	10	46	24	21	16	29	6	2	21
Wisconsin.....	128	20	108	36	71	18	90	44	16	*31
Wyoming.....	13	5	9	4	4	3	6	1	1	*4

<sup>1</sup> Data from Bureau of Labor Statistics. Excludes data for Federal civilian employees working outside continental United States.  
<sup>2</sup> Includes data for institutions of higher education and dependent elementary and secondary school systems, operated as part of general government.  
<sup>3</sup> Includes data for townships, independent school districts, other special-purpose districts, and dependent township elementary and secondary school systems.  
<sup>4</sup> Totals revised to classify 13,000 personnel of State departments of education as school rather than nonschool employees; revision not carried to States.  
<sup>5</sup> Less than 500 employees.  
<sup>6</sup> Information for National Capital Housing Authority, classified as a special district by Bureau of Census, is included with that shown for Federal Government.  
<sup>7</sup> No separate estimate.



# No. 898.—AMOUNT OF MONTHLY STATE AND LOCAL GOVERNMENT PAY ROLLS, BY STATES: APRIL 1947

[Includes employees of enterprises. Both permanent and temporary employees included; numbers of part-time employees not reduced to full-time equivalent. Employment statistics subject to sampling variation. Figures identified by asterisk (\*) subject to particularly large variation and should be interpreted with caution]

[In millions of dollars]

STATE	TOTAL			State	LOCAL			
	Total	School	Non-school		Total	City <sup>1</sup>	County <sup>1</sup>	Other <sup>2</sup>
<b>Total</b> .....	<b>626.4</b>	<b>277.0</b>	<b>349.5</b>	<b>140.5</b>	<b>485.9</b>	<b>221.1</b>	<b>61.0</b>	<b>203.7</b>
Alabama.....	8.0	4.5	3.5	2.1	5.8	1.1	*.8	4.0
Arizona.....	3.3	1.5	1.9	.9	2.4	.5	.4	1.5
Arkansas.....	4.2	2.4	1.8	1.2	3.0	*.5	*.3	2.2
California.....	62.1	22.9	39.2	11.6	50.5	16.4	9.3	24.8
Colorado.....	5.5	2.6	2.9	1.5	3.9	1.4	.6	2.0
Connecticut.....	9.1	3.7	5.3	2.9	6.2	3.5	*.1	2.6
Delaware.....	1.3	.6	.7	.6	.7	.5	.1	.2
District of Columbia.....	4.2	1.3	2.8	-----	4.2	4.2	-----	(*)
Florida.....	10.5	4.1	6.4	2.6	7.9	3.4	*.8	3.7
Georgia.....	8.8	4.7	4.1	1.9	6.9	2.2	.9	3.7
Idaho.....	2.6	1.2	1.3	.8	1.8	.3	(*)	1.2
Illinois.....	35.3	15.3	20.0	6.5	28.8	9.9	2.4	16.5
Indiana.....	16.4	8.9	7.5	3.5	12.9	3.1	1.7	8.0
Iowa.....	10.5	5.9	4.6	2.7	7.8	1.3	1.5	4.9
Kansas.....	8.0	4.3	3.6	1.8	6.2	1.2	1.0	3.9
Kentucky.....	6.8	3.7	3.1	1.7	5.1	1.8	(*)	2.8
Louisiana.....	8.4	4.0	4.4	3.0	5.4	1.7	*.4	3.4
Maine.....	4.1	1.7	*2.4	1.4	2.7	.9	.1	*1.7
Maryland.....	7.9	3.2	4.7	2.2	5.7	3.5	2.0	.2
Massachusetts.....	22.1	7.9	14.2	3.8	18.3	12.4	.8	*5.1
Michigan.....	32.9	14.6	18.2	6.0	26.9	15.0	3.6	8.2
Minnesota.....	13.3	6.9	6.4	3.3	10.0	4.1	1.5	4.4
Mississippi.....	5.2	2.7	2.5	1.4	3.7	.6	(*)	2.4
Missouri.....	12.7	6.2	6.6	2.5	10.2	3.6	.7	5.9
Montana.....	2.7	1.3	1.4	.8	1.9	.3	.5	1.2
Nebraska.....	5.5	3.0	2.6	1.0	4.5	.8	*.5	3.1
Nevada.....	1.0	.3	.7	.3	.6	.2	.2	.3
New Hampshire.....	2.0	.8	*1.3	.8	1.2	.4	.1	(*)
New Jersey.....	21.9	9.6	12.3	3.6	18.4	11.7	1.9	4.8
New Mexico.....	2.5	1.5	1.1	.9	1.6	.2	(*)	1.2
New York.....	93.1	29.6	63.5	13.9	79.2	63.6	4.2	11.4
North Carolina.....	11.0	6.6	4.3	8.6	2.3	1.6	.7	(*)
North Dakota.....	2.7	1.7	1.0	.6	2.0	.2	.3	*1.5
Ohio.....	32.1	14.2	17.9	5.4	26.6	10.1	3.2	13.3
Oklahoma.....	7.3	4.5	2.8	1.8	5.5	1.1	.8	3.6
Oregon.....	6.8	3.1	3.7	2.1	4.7	1.2	.7	2.8
Pennsylvania.....	38.6	17.4	21.2	9.9	28.7	9.1	2.1	17.4
Rhode Island.....	3.0	1.2	1.8	.9	2.1	1.7	-----	.4
South Carolina.....	5.2	2.7	2.5	1.8	3.4	.7	.5	2.3
South Dakota.....	2.7	1.6	1.2	.6	2.1	.3	*.4	*1.4
Tennessee.....	8.6	4.3	4.2	1.7	6.9	3.2	3.4	.3
Texas.....	25.7	13.0	12.7	5.6	20.1	6.4	2.9	10.8
Utah.....	3.1	1.7	1.5	1.1	2.1	.5	.3	1.3
Vermont.....	1.4	.7	.7	.5	.9	*.2	(*)	*.7
Virginia.....	10.1	4.7	5.4	3.6	6.4	3.3	3.1	-----
Washington.....	13.0	5.1	7.9	3.4	9.6	3.1	1.7	4.7
West Virginia.....	6.6	4.0	2.6	2.0	4.5	.6	.4	3.6
Wisconsin.....	15.4	6.8	8.6	2.9	12.5	7.1	2.6	*2.9
Wyoming.....	1.3	.7	.6	.4	.9	.1	.1	*.6

<sup>1</sup> Includes data for institutions of higher education and dependent elementary and secondary school systems, operated as part of general government.

<sup>2</sup> Includes data for townships, independent school districts, other special-purpose districts, and dependent township elementary and secondary school systems.

<sup>3</sup> Totals revised \$2.2 million; revision not carried to States.

<sup>4</sup> Information for National Capital Housing Authority, classified as a special district by Bureau of Census, is included with Federal Government.

<sup>5</sup> No separate estimate.

<sup>6</sup> Less than \$50,000.

Source: Department of Commerce, Bureau of the Census; quarterly report, Public Employment in April 1947.

## No. 899.—GENERAL REVENUE AND GENERAL EX

[In thousands of dollars. Excludes transac

Line No.	STATE	General revenue and new borrowings <sup>1</sup>	GENERAL REVENUE					GENERAL EXPENDITURE		
			Total	Taxes		Aid received from other governments	Charges and miscellaneous	Total	Provision for debt retirement <sup>2</sup>	Total less provision for debt retirement
				Total	Total except un-employment compensation					
1	Total.....	7,306,621	7,246,414	6,013,633	4,960,042	766,723	466,058	6,445,452	187,796	6,257,657
2	Alabama.....	106,846	106,264	78,199	67,807	11,851	16,214	98,996	6,835	92,160
3	Arizona.....	44,846	42,246	34,635	31,521	5,748	1,863	37,792	176	37,616
4	Arkansas.....	72,223	72,223	60,793	55,322	8,465	2,965	64,247	6,007	58,240
5	California.....	731,998	731,998	620,403	476,636	64,920	46,675	559,210	6,537	552,673
6	Colorado.....	77,900	74,780	55,843	50,864	12,226	6,711	67,618	2,057	65,561
7	Connecticut.....	96,808	96,808	81,396	55,548	10,439	4,973	94,931	22	94,909
8	Delaware.....	18,922	18,922	16,019	15,047	1,410	1,493	16,083	252	15,831
9	Florida.....	142,459	142,459	121,746	111,066	16,892	3,821	110,318	96	110,223
10	Georgia.....	116,174	116,108	93,308	81,085	17,336	5,464	100,271	4,300	95,971
11	Idaho.....	29,101	29,101	21,789	19,145	4,300	3,012	24,547	120	24,427
12	Illinois.....	369,362	369,362	315,150	256,846	43,269	10,943	319,599	8,441	311,158
13	Indiana.....	167,633	166,308	139,710	117,628	17,151	9,447	149,626	1,235	148,391
14	Iowa.....	117,945	117,888	91,197	81,851	14,118	12,573	99,318	250	99,068
15	Kansas.....	81,405	81,405	66,889	58,961	9,214	5,302	79,579	1,292	78,287
16	Kentucky.....	92,480	92,023	76,837	65,757	10,985	4,201	79,087	103	78,984
17	Louisiana.....	158,951	156,051	126,547	113,355	20,628	8,876	131,886	6,491	125,395
18	Maine.....	45,529	45,529	31,709	25,782	5,908	7,912	44,815	2,633	42,182
19	Maryland.....	89,924	89,924	74,049	57,203	7,432	8,443	85,572	4,165	81,407
20	Massachusetts.....	253,280	233,234	196,790	174,967	26,183	10,261	233,313	3,587	229,726
21	Michigan.....	386,699	371,339	298,236	237,346	34,778	38,325	398,305	1,472	396,833
22	Minnesota.....	148,019	146,649	114,627	97,639	16,441	15,581	130,893	5,943	124,950
23	Mississippi.....	78,006	78,006	65,974	59,948	8,122	3,910	64,533	2,406	62,127
24	Missouri.....	164,251	164,192	133,358	110,860	26,383	4,451	130,979	6,834	124,145
25	Montana.....	28,140	27,817	19,133	15,510	5,816	2,868	27,933	543	27,390
26	Nebraska.....	47,541	47,541	33,624	30,673	8,888	5,029	45,468	120	45,348
27	Nevada.....	9,790	9,790	6,874	5,375	2,529	387	8,767	-----	8,767
28	New Hampshire.....	27,318	26,968	19,377	16,328	3,772	3,819	28,048	1,418	26,630
29	New Jersey.....	241,887	241,666	218,328	154,681	14,580	8,758	233,706	5,836	227,870
30	New Mexico.....	37,226	37,226	29,103	27,120	6,030	2,093	35,777	1,662	34,115
31	New York.....	912,742	912,736	838,894	671,949	50,483	23,359	739,626	26,830	712,796
32	North Carolina.....	175,373	175,373	153,264	137,286	14,915	7,194	142,784	5,328	137,456
33	North Dakota.....	30,080	30,080	21,829	21,061	5,803	2,448	24,862	15	24,847
34	Ohio.....	372,136	371,951	314,752	246,445	36,277	20,922	332,031	217	331,814
35	Oklahoma.....	144,204	143,604	111,280	105,868	28,180	4,144	124,303	127	124,176
36	Oregon.....	89,741	88,741	63,444	51,882	12,458	12,839	76,476	2,283	74,193
37	Pennsylvania.....	406,360	406,360	323,369	263,252	41,074	41,917	415,792	53,100	362,692
38	Rhode Island.....	43,045	43,045	38,619	25,284	3,377	1,049	40,113	664	39,449
39	South Carolina.....	80,498	80,498	66,176	61,049	10,240	4,082	84,227	4,925	79,302
40	South Dakota.....	25,862	25,862	20,161	19,574	3,939	1,762	20,767	21	20,746
41	Tennessee.....	111,742	106,457	84,534	67,021	17,036	4,887	96,036	4,181	91,855
42	Texas.....	259,238	258,590	208,408	187,694	40,698	9,484	231,393	444	230,949
43	Utah.....	43,916	43,865	30,844	25,959	6,752	6,269	40,180	30	40,150
44	Vermont.....	18,433	18,433	15,155	13,359	2,483	795	18,599	692	17,907
45	Virginia.....	122,623	122,623	87,580	79,250	7,963	27,080	114,328	274	114,054
46	Washington.....	205,106	205,106	165,289	134,525	22,828	16,989	186,207	121	186,086
47	West Virginia.....	93,704	89,704	71,685	62,174	8,011	10,008	89,288	7,127	82,161
48	Wisconsin.....	174,339	174,243	146,893	125,933	14,675	12,675	153,165	308	152,857
49	Wyoming.....	15,316	15,316	9,814	8,606	3,717	1,785	12,059	276	11,783

<sup>1</sup> New borrowings are for general-government purposes only, consisting of long-term debt incurred during fiscal year other than by funding or refunding, plus any excess of issuance over redemption of short-term debt.

<sup>2</sup> Includes direct redemption and payments into sinking funds for retirement of general debt, not debt incurred for enterprise purposes.

PENDITURE OF STATES, BY STATES: 1946

tions of trust, sinking, and enterprise funds]

GENERAL EXPENDITURE—continued												
Operation				Capital outlay		Aid paid to other governments				Inter- est <sup>4</sup>	Contri- butions to trust funds and to enter- prises	Line No.
Total <sup>3</sup>	High- ways	Public wel- fare	Schools	Total	High- ways only	Total <sup>3</sup>	High- ways	Public wel- fare	Schools			
2,576,627	357,183	673,812	374,253	357,466	266,837	2,085,804	346,840	379,084	915,395	69,707	1,168,053	1
28,588	5,075	664	6,604	6,107	4,649	43,307	8,903	6,995	19,321	2,339	11,819	2
17,364	2,369	6,989	2,032	3,030	2,596	13,851	1,991	-----	6,448	118	3,253	3
26,788	3,357	8,127	3,856	4,966	3,688	16,183	1,962	-----	12,938	4,551	5,752	4
138,978	13,283	4,061	36,896	32,921	22,575	226,052	27,198	90,009	97,893	2,510	152,212	5
20,827	2,302	484	6,229	3,879	2,983	35,045	4,083	26,825	3,044	533	5,277	6
51,874	9,772	12,438	4,483	5,925	3,463	8,884	1,460	1,328	2,309	199	25,027	7
9,173	1,365	551	3,134	1,419	1,141	4,173	490	227	3,333	89	977	8
50,759	5,443	20,290	4,267	11,538	9,643	36,846	9,619	-----	18,353	52	11,028	9
45,119	7,751	11,982	7,803	9,416	7,210	27,912	4,817	765	19,274	254	13,270	10
15,001	3,008	5,255	1,676	1,910	1,447	4,856	2,425	-----	1,671	16	2,644	11
170,992	9,649	74,013	15,139	20,972	15,618	51,371	16,409	9,646	18,804	4,449	63,374	12
47,448	8,590	2,596	10,543	11,801	9,010	64,176	15,200	16,725	30,229	217	24,749	13
54,855	5,378	21,733	10,268	4,160	2,922	30,668	14,656	-----	797	39	9,346	14
29,295	6,825	774	8,085	6,817	6,465	33,701	4,646	13,797	8,355	459	8,015	15
38,750	8,745	9,050	4,291	10,496	8,114	17,370	711	-----	15,536	224	12,144	16
61,881	10,474	18,378	8,434	5,426	1,988	38,090	808	1	20,699	5,401	14,597	17
29,042	7,666	8,749	2,162	1,797	1,208	4,318	12	228	3,707	584	6,441	18
29,343	4,364	495	4,021	5,927	5,059	26,828	6,486	6,663	9,382	776	18,533	19
104,671	8,924	3,610	3,429	2,224	1,905	97,187	5,902	44,127	7,915	1,800	23,844	20
136,890	11,793	50,254	18,399	15,839	5,687	129,628	33,672	4,745	63,646	777	113,699	21
47,897	9,196	2,078	11,816	7,081	5,220	47,707	5,328	19,727	20,114	1,727	20,538	22
25,153	2,239	7,514	3,854	2,831	2,270	25,473	9,674	-----	10,985	2,492	6,178	23
76,891	7,211	43,126	5,960	4,857	4,388	17,095	-----	-----	16,689	2,776	22,526	24
17,142	3,704	5,936	1,944	2,579	2,340	3,564	1,374	284	1,809	163	3,942	25
18,679	4,229	509	4,807	5,063	4,387	17,758	5,952	11,333	412	28	3,820	26
5,197	1,438	1,037	623	1,418	1,271	564	-----	-----	547	-----	1,588	27
19,460	3,836	3,837	1,552	1,889	1,373	1,687	-----	-----	706	186	3,408	28
56,446	6,791	6,462	4,449	6,100	5,061	89,645	9,644	8,184	25,858	2,705	72,974	29
16,491	3,493	4,552	2,682	4,557	3,834	10,063	239	-----	9,123	685	2,319	30
181,725	17,761	4,501	13,183	21,147	9,234	319,416	22,688	68,968	126,448	15,358	175,150	31
92,585	16,060	1,547	54,394	13,007	10,901	9,346	-----	6,022	-----	2,821	19,697	32
15,349	2,435	4,674	2,870	2,627	2,374	4,671	1,289	121	2,351	723	1,477	33
113,254	17,698	44,498	10,966	15,422	12,720	133,307	37,159	13,662	55,420	447	69,354	34
77,729	8,848	45,402	6,947	9,261	7,567	31,339	9,803	-----	21,167	111	5,736	35
41,064	5,746	15,108	5,673	5,739	4,312	14,852	3,437	72	10,338	751	11,767	36
193,389	29,994	71,443	14,509	18,474	16,618	79,983	10,631	-----	61,715	4,496	66,350	37
18,914	1,874	5,638	1,549	1,713	1,343	4,369	54	948	726	836	13,617	38
28,958	4,640	6,752	4,317	5,218	4,360	37,359	8,086	669	19,170	1,522	6,245	39
15,045	3,705	5,046	1,877	1,876	906	2,627	1,178	146	545	460	738	40
34,314	3,516	13,330	4,673	11,136	9,055	26,799	9,014	-----	13,386	2,893	18,713	41
115,554	15,558	53,712	15,164	11,800	10,397	78,885	22,940	-----	53,137	360	24,350	42
22,654	3,007	9,620	3,689	2,512	1,607	9,241	1,280	-----	7,374	6	5,737	43
12,220	2,058	2,216	886	794	626	2,810	1,385	-----	1,378	120	1,963	44
53,888	17,483	712	10,477	15,512	12,533	32,796	1,053	4,498	18,366	245	11,613	45
83,361	5,332	50,165	7,609	7,381	5,786	63,184	10,182	4,634	35,120	16	32,144	46
37,648	13,372	7,505	3,856	7,163	6,184	23,272	-----	476	22,113	2,197	11,881	47
42,634	8,638	1,258	11,209	2,435	1,643	83,687	12,517	15,768	15,159	127	23,974	48
5,296	1,188	121	962	1,304	1,134	3,859	482	1,491	1,885	69	1,253	49

<sup>3</sup> Includes also expenditure for general control, public safety, natural resources, health, hospitals and institutions for the handicapped, correction, libraries, recreation, and miscellaneous.

<sup>4</sup> Interest on general debt, not on debt incurred for enterprise purposes. Excludes \$8,408,000 interest paid from accumulated assets of sinking and trust funds.

Source: Department of Commerce, Bureau of the Census; annual report, State Finances, 1946 Compendium.

# No. 400.—GENERAL REVENUE, GENERAL EXPENDITURE, AND DEBT OF STATES: 1942 TO 1946

[Amounts in millions of dollars. Excludes transactions of trust, sinking, and enterprise funds]

ITEM	1942	1943	1944	1945	1946	Percent distribution, 1946
General revenue and new borrowings.....	6,290	6,368	6,677	6,789	7,307	-----
New borrowings.....	148	48	28	14	60	-----
General revenue, total.....	6,142	6,321	6,649	6,775	7,246	100.0
Taxes, total.....	5,015	5,132	5,425	5,603	6,014	83.0
Total, except unemployment compensation.....	3,939	3,960	4,105	4,349	4,980	68.7
Sales and gross receipts.....	2,236	2,168	2,174	2,297	2,826	39.0
General sales, use, or gross receipts.....	633	671	721	776	900	12.4
Motor vehicle fuels.....	942	776	685	696	887	12.2
Alcoholic beverages.....	256	280	267	310	402	5.5
Tobacco products.....	131	141	160	145	199	2.7
Insurance companies.....	113	120	124	131	145	2.0
Public utilities.....	115	132	143	147	182	2.1
Other.....	46	48	73	90	142	2.0
License and privilege.....	714	691	707	710	787	10.9
Motor vehicles and operators.....	451	414	413	414	461	6.4
Corporations in general.....	88	107	115	114	120	1.7
Alcoholic beverages.....	56	55	55	58	67	.9
Hunting and fishing.....	24	23	23	25	32	.4
Other.....	95	92	99	98	106	1.5
Individual income.....	249	293	316	357	389	5.4
Corporation income.....	269	340	446	453	442	6.1
Property.....	271	259	247	276	253	3.5
Death and gift.....	112	109	114	136	146	2.0
Severance.....	62	75	71	83	90	1.2
Other, except unemployment compensation.....	26	25	31	38	47	.6
Unemployment compensation.....	1,076	1,172	1,319	1,254	1,034	14.3
Aid received from other governments.....	809	833	829	759	767	10.6
Federal.....	786	813	809	738	743	10.3
Local.....	23	21	20	20	24	.3
Charges and miscellaneous.....	317	355	396	413	466	6.4
Charges for current services.....	198	218	277	273	280	3.9
Contributions from enterprises.....	76	94	74	85	121	1.7
Other.....	43	43	45	55	65	.9
General expenditure, total.....	5,863	5,926	5,974	6,044	6,445	100.0
Provision for debt retirement.....	305	372	220	223	188	2.9
General expenditure less provision for debt retirement.....	5,558	5,553	5,754	5,822	6,256	97.1
Operation.....	1,916	1,968	2,102	2,254	2,577	40.0
General control.....	169	170	171	187	199	3.1
Public safety.....	123	134	131	131	144	2.2
Highways.....	260	244	264	308	357	5.5
Natural resources.....	123	121	132	144	166	2.6
Health.....	54	57	69	95	104	1.6
Hospitals and institutions for the handicapped.....	233	243	267	287	322	5.0
Public welfare.....	526	556	578	605	679	10.8
Correction.....	71	74	78	82	91	1.4
Schools.....	275	305	354	354	374	5.8
Miscellaneous.....	81	65	59	60	140	2.2
Aid paid to other governments.....	1,791	1,778	1,850	1,884	2,066	32.4
Schools.....	770	801	839	846	915	14.2
Public welfare.....	389	360	366	349	379	5.9
Highways.....	359	332	308	302	347	5.4
Other.....	273	286	336	387	444	6.9
Capital outlay.....	615	477	325	267	357	5.5
Highways.....	527	416	282	223	267	4.1
Other.....	88	61	43	44	91	1.4
Interest.....	110	99	87	80	70	1.1
Contributions to trust funds and enterprises.....	1,126	1,231	1,389	1,336	1,168	18.1
Debt outstanding at end of fiscal year:						
Gross.....	3,267	2,944	2,792	2,526	2,370	100.0
General.....	3,023	2,707	2,506	2,303	2,157	91.0
Enterprise.....	244	237	286	223	213	9.0
Net long term (general and enterprise).....	2,569	2,326	2,121	1,910	1,737	73.3
Full faith and credit only.....	2,172	1,943	1,763	1,573	1,450	61.2
Long-term debt issued during fiscal year (general and enterprise) <sup>1</sup> .....	101	49	32	14	59	-----
Long-term debt retired during fiscal year (general and enterprise) <sup>1</sup> .....	362	238	238	219	231	-----

<sup>1</sup> Excluding refunding.

Source: Department of Commerce, Bureau of the Census; annual report, State Finances, Compendium, for each year.

## No. 401.—STATE TAX COLLECTIONS, BY TYPE OF TAX, BY STATES: 1947

[In thousands of dollars. Includes local shares of State-imposed taxes. Preliminary data]

STATE	Total <sup>1</sup>	SALES AND GROSS RECEIPTS				LICENSE AND PRIVILEGE		Individual income	Corporation income <sup>2</sup>	Property	Unemployment compensation
		Total <sup>1</sup>	General sales, use or gross receipts	Motor vehicle fuels	Alcoholic beverages	Total	Motor vehicle and operators only				
Number of States using tax.....	48	48	23	48	48	48	48	31	33	45	48
Total <sup>3</sup> .....	6,766,841	3,456,134	1,178,849	1,124,397	411,915	894,065	540,348	417,570	460,980	261,995	969,227
Amount reported.....	6,748,301	3,451,814	1,178,849	1,124,397	411,915	881,705	533,620	446,124	423,485	260,863	969,227
Alabama.....	87,411	55,841	22,304	21,677	1,366	9,820	5,276	6,652	606	6,583	5,921
Arizona.....	40,594	26,548	13,494	7,996	1,720	2,769	1,918	5,001	117	2,626	3,476
Arkansas.....	71,605	47,875	17,190	17,709	5,523	7,582	5,529	5,457	(4)	3,523	5,357
California.....	699,032	382,847	241,373	75,510	19,902	39,389	23,249	51,221	59,151	29,244	116,586
Colorado.....	66,374	38,567	20,993	12,370	3,913	7,333	4,453	5,487	3,076	4,643	5,656
Connecticut.....	91,420	35,317	-----	11,925	5,708	12,042	8,747	-----	8,970	357	29,544
Delaware.....	15,255	5,755	7 178	2,635	1,020	5,961	1,194	1,755	-----	-----	1,235
Florida.....	134,779	89,707	-----	38,978	20,413	23,634	16,052	-----	-----	4,427	12,617
Georgia.....	112,267	63,311	-----	33,831	18,018	7,711	4,457	21,746	(4)	5,973	13,151
Idaho.....	27,898	12,078	-----	9,204	524	3,294	1,698	4,523	2,146	2,139	3,435
Illinois.....	361,564	271,666	142,514	45,278	23,683	38,740	29,887	-----	-----	189	43,043
Indiana.....	149,855	101,769	53,919	31,026	12,938	18,616	12,701	-----	-----	7,904	14,006
Iowa.....	116,102	75,963	40,603	26,458	1,577	16,598	14,221	10,268	1,918	69	8,390
Kansas.....	81,803	53,347	28,808	18,022	1,036	9,758	7,585	7,062	2,190	2,349	6,470
Kentucky.....	94,212	45,068	-----	20,207	11,652	9,939	6,742	6,782	5,478	12,343	11,540
Louisiana.....	138,848	72,382	16,734	26,720	6,774	13,861	5,509	6,287	6,750	9,240	10,473
Maine.....	35,274	15,030	-----	7,385	2,167	7,382	5,047	-----	-----	5,316	6,421
Maryland.....	78,386	33,761	-----	14,469	6,602	11,098	7,587	11,789	3,049	3,021	12,549
Massachusetts.....	221,365	74,654	-----	21,686	13,981	54,222	9,007	35,129	15,188	5,026	28,084
Michigan.....	336,307	224,440	160,567	36,916	17,450	47,929	32,469	-----	-----	14,330	43,626
Minnesota.....	134,337	51,902	-----	28,071	7,783	14,290	10,969	17,063	15,127	9,298	15,766
Mississippi.....	72,401	50,042	20,434	18,168	1,944	2,434	(u)	2,995	5,619	905	7,348
Missouri.....	139,493	84,398	58,227	15,566	6,156	20,871	15,858	10,659	(4)	2,883	18,320
Montana.....	23,259	8,764	-----	6,335	1,541	4,067	1,648	2,283	1,315	1,511	4,161
Nebraska.....	37,666	19,727	-----	15,765	2,731	5,328	3,795	-----	-----	7,467	3,158
Nevada.....	8,286	3,444	-----	2,402	520	1,520	1,078	-----	-----	1,559	1,726
New Hampshire.....	21,798	10,887	-----	4,046	979	4,591	3,397	673	-----	1,003	3,636
New Jersey.....	241,441	73,243	-----	25,620	13,169	45,930	26,942	-----	-----	27,969	78,750
New Mexico.....	35,324	22,859	12,041	7,236	1,426	4,074	3,164	1,615	(4)	2,516	2,715
New York.....	818,778	242,258	-----	72,126	54,290	93,380	59,012	114,571	141,920	1,663	169,915
North Carolina.....	193,549	89,346	35,482	37,888	7,768	26,438	15,451	24,783	29,708	4,416	16,674
North Dakota.....	26,979	18,394	8,591	5,576	2,206	2,509	1,804	2,458	813	1,707	984
Ohio.....	359,825	237,585	104,245	60,189	29,191	50,030	33,181	-----	-----	14,388	52,578
Oklahoma.....	124,291	77,921	29,901	28,549	4,552	12,671	10,208	14,606	(4)	-----	5,406
Oregon.....	87,332	22,589	-----	18,103	1,097	11,530	7,768	19,972	10,922	(u)	11,998
Pennsylvania.....	378,897	137,165	-----	69,812	27,366	94,742	43,011	-----	50,854	2,307	73,955
Rhode Island.....	42,308	18,952	-----	3,691	1,735	8,018	3,703	-----	303	-----	13,892
South Carolina.....	75,635	44,184	-----	19,223	14,327	4,251	3,186	8,343	11,939	(u)	6,002
South Dakota.....	24,796	19,056	7,988	5,367	2,833	4,051	1,239	7 96	7 96	105	784
Tennessee.....	94,373	51,834	-----	32,788	6,140	17,175	8,759	2,131	4,237	1,566	15,506
Texas.....	243,441	107,484	-----	56,372	15,728	39,403	29,387	-----	-----	28,413	15,183
Utah.....	36,359	19,665	11,162	5,885	818	2,925	1,953	3,177	1,508	2,113	6,044
Vermont.....	16,908	7,533	-----	3,192	2,574	4,074	3,115	1,200	670	357	2,141
Virginia.....	106,091	47,931	-----	31,539	5,768	17,435	9,804	10,120	9,536	6,891	10,258
Washington.....	189,462	140,183	83,997	25,601	13,403	10,405	5,743	-----	-----	6,641	28,892
West Virginia.....	83,147	62,340	44,210	12,711	1,494	8,757	6,767	-----	-----	162	10,267
Wisconsin.....	159,100	47,827	-----	29,094	7,837	20,947	17,885	30,160	30,277	14,831	10,421
Wyoming.....	12,674	8,375	3,894	3,480	577	2,161	1,465	-----	-----	870	1,167

<sup>1</sup> Includes items not shown separately.<sup>2</sup> Taxes on unincorporated business when measured by net income are classified with "corporation income."<sup>3</sup> Includes estimated amounts (totaling \$15,825,000) for missing or incomplete items.<sup>4</sup> Corporation income taxes, except for such taxes on banks in Alabama and Arizona, are tabulated with individual income taxes in amounts for 7 States (Alabama, Arizona, Arkansas, Georgia, Missouri, New Mexico, and Oklahoma). Estimated corporation income taxes reported in the combined figures reported by 5 States are deducted from reported individual income taxes and added to total estimated corporation income taxes. No estimates of Missouri and New Mexico were made.<sup>5</sup> Not entirely complete; apparently only relatively small amounts are omitted.<sup>6</sup> Not complete. <sup>7</sup> Back taxes. <sup>8</sup> Contains licenses for same business.<sup>9</sup> Includes production and import taxes on distilled spirits (\$4,802,000 and \$1,024,000, respectively).<sup>10</sup> Includes \$2,599,000 from banks and finance companies and \$12,269,000 from Soldiers Bonus excise tax and additional surtax on corporations.<sup>11</sup> Not available.

Source: Department of Commerce, Bureau of the Census; annual report, State Tax Collections in 1947.



# No. 402.—DEBT OF STATE GOVERNMENTS OUTSTANDING AT END OF FISCAL YEAR, BY STATES: 1947

[Data are for State fiscal years ending on June 30 of the specified year, except for 7 States with earlier closing dates (in the same calendar year—May 31 for Pennsylvania, March 31 for New York and Washington; in the previous calendar year—December 31 for Ohio, September 30 for Alabama and Wyoming, August 31 for Texas). Total amounts shown in this table, therefore, do not agree with State total amounts shown in table 392, which are as of June 30, 1947 for all 48 States combined. For the seven States having fiscal years ending prior to June 30, gross debt as of June 30, 1947 was as follows (preliminary figures, in millions): Alabama \$58.8, New York \$537.6, Ohio, \$9.2, Pennsylvania \$120.8, Texas \$20.8, Washington \$10.3, and Wyoming \$2.3]

[In thousands of dollars]

STATE	GROSS DEBT				LONG-TERM DEBT			Short-term debt	Sink-ing-fund offsets to long-term debt	Net long-term debt
	Total		General	Enter-prise	Total	Full faith and credit	Non-guaran-teeed			
	1946	1947								
Total.....	2, 370, 208	2, 950, 091	2, 716, 505	233, 586	2, 868, 930	2, 534, 368	334, 562	81, 161	578, 567	2, 290, 363
Alabama.....	63, 522	59, 995	52, 670	7, 325	59, 995	56, 294	3, 701	-----	12, 226	47, 769
Arizona.....	5, 794	8, 626	8, 626	-----	8, 626	6, 534	2, 092	-----	373	8, 253
Arkansas.....	134, 619	128, 702	128, 702	-----	128, 702	124, 901	3, 801	-----	8, 968	119, 734
California.....	170, 044	176, 680	111, 299	65, 381	176, 680	134, 432	42, 248	-----	87, 332	89, 348
Colorado.....	19, 482	17, 865	17, 865	-----	17, 854	590	17, 264	11	119	17, 735
Connecticut.....	22, 835	28, 433	13, 148	15, 285	28, 183	28, 183	-----	250	12, 898	15, 285
Delaware.....	4, 250	4, 019	4, 019	-----	4, 019	4, 019	-----	-----	90	3, 929
Florida.....	1, 269	1, 232	1, 232	-----	1, 232	-----	1, 232	-----	314	918
Georgia.....	8, 358	7, 891	7, 797	94	7, 891	4, 141	3, 750	-----	4, 141	3, 750
Idaho.....	355	200	200	-----	200	28	172	-----	52	148
Illinois.....	106, 633	398, 229	398, 229	-----	398, 229	394, 520	3, 709	-----	8, 263	389, 966
Indiana.....	7, 210	8, 871	8, 871	-----	8, 871	-----	8, 871	-----	3, 180	5, 741
Iowa.....	1, 241	1, 774	1, 774	-----	1, 774	22	1, 752	-----	122	1, 652
Kansas.....	10, 279	8, 971	8, 971	-----	8, 971	8, 971	-----	-----	1, 819	7, 152
Kentucky.....	5, 656	5, 533	5, 323	210	5, 533	2, 810	2, 723	-----	228	5, 305
Louisiana.....	158, 034	176, 853	149, 659	27, 194	176, 853	165, 056	11, 797	-----	7, 200	169, 653
Maine.....	16, 596	15, 300	14, 730	570	15, 300	14, 300	1, 000	-----	244	15, 056
Maryland.....	34, 699	28, 097	23, 192	4, 905	28, 097	16, 895	11, 202	-----	2, 735	25, 362
Massachusetts.....	84, 169	177, 797	158, 507	19, 290	102, 297	102, 297	-----	75, 500	7, 916	94, 381
Michigan.....	29, 954	225, 539	225, 539	-----	225, 539	196, 773	28, 766	-----	731	224, 808
Minnesota.....	66, 247	59, 297	59, 297	-----	59, 297	59, 297	-----	-----	12, 059	47, 238
Mississippi.....	65, 747	77, 030	77, 030	-----	77, 030	18, 770	58, 260	-----	17, 136	59, 894
Missouri.....	63, 545	57, 650	57, 650	-----	57, 650	57, 400	250	-----	6, 605	51, 045
Montana.....	12, 074	8, 973	5, 136	3, 837	8, 973	3, 124	5, 849	-----	833	8, 140
Nebraska.....	850	925	925	-----	925	-----	925	-----	10	915
Nevada.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
New Hampshire.....	12, 550	11, 424	8, 753	2, 671	11, 413	10, 173	1, 240	11	3, 656	7, 757
New Jersey.....	72, 419	81, 326	81, 326	-----	81, 326	81, 326	-----	-----	24, 614	56, 712
New Mexico.....	21, 232	24, 686	24, 686	-----	24, 686	22, 072	2, 614	-----	230	24, 456
New York.....	540, 681	515, 392	515, 392	-----	515, 392	515, 151	241	-----	154, 766	360, 626
North Carolina.....	101, 868	92, 336	92, 336	-----	92, 336	90, 957	1, 379	-----	68, 458	23, 878
North Dakota.....	19, 912	18, 313	18, 313	-----	18, 313	18, 250	63	-----	17, 396	917
Ohio.....	10, 292	9, 183	7, 783	1, 400	9, 183	6, 695	2, 488	-----	405	8, 778
Oklahoma.....	27, 261	26, 470	26, 470	-----	26, 470	20, 376	6, 094	-----	20, 742	5, 728
Oregon.....	18, 283	23, 662	19, 162	4, 500	18, 273	15, 776	2, 497	5, 389	14, 672	3, 601
Pennsylvania.....	125, 629	120, 829	74, 829	46, 000	120, 829	74, 829	46, 000	-----	34, 994	85, 835
Rhode Island.....	24, 417	43, 847	42, 965	862	43, 847	43, 847	-----	-----	4, 147	39, 700
South Carolina.....	75, 595	71, 532	44, 938	26, 594	71, 532	44, 938	26, 594	-----	4, 489	67, 043
South Dakota.....	23, 460	20, 580	20, 580	-----	20, 580	20, 314	266	-----	2, 059	18, 521
Tennessee.....	76, 500	77, 339	77, 339	-----	77, 339	75, 363	1, 976	-----	2, 669	74, 670
Texas.....	12, 187	19, 942	19, 942	-----	19, 942	4, 110	15, 832	-----	2, 015	17, 927
Utah.....	1, 896	1, 594	1, 594	-----	1, 594	1, 229	365	-----	1, 237	357
Vermont.....	2, 682	1, 564	1, 564	-----	1, 564	1, 564	-----	-----	-----	1, 564
Virginia.....	22, 530	20, 542	20, 542	-----	20, 542	14, 288	6, 254	-----	15, 788	4, 754
Washington.....	11, 894	10, 283	6, 343	3, 940	10, 283	5, 988	4, 295	-----	4, 847	5, 436
West Virginia.....	68, 226	69, 000	65, 472	3, 528	69, 000	63, 995	5, 005	-----	5, 839	63, 161
Wisconsin.....	3, 731	3, 159	3, 159	-----	3, 159	-----	3, 159	-----	-----	3, 159
Wyoming.....	2, 901	2, 606	2, 606	-----	2, 606	1, 770	836	-----	-----	2, 606

Source: Department of Commerce, Bureau of the Census; annual report, Summary of Governmental Debt in 1947.



**No. 403.—AGGREGATE BALANCES IN STATE GENERAL, HIGHWAY, AND POSTWAR-RESERVE FUNDS AT END OF FISCAL YEAR, BY STATES: 1943 TO 1946**

[There is a lack of comparability between States, because (1) States vary as to inclusiveness of these funds and (2) nature of balance reported differs among States. Statistics show amounts and trends from year to year for each State and the 48 States as a whole]

[Amounts in thousands of dollars]

STATE	AMOUNT				PERCENT CHANGE			
	1943	1944	1945	1946	1943-1944	1944-1945	1945-1946	1946-1946
Total.....	1, 100, 420	1, 677, 346	2, 274, 612	2, 896, 806	52	36	163	27
Alabama.....	1, 185	7, 426	12, 193	30, 838	537	64	2, 302	153
Arizona.....	6, 793	8, 704	7, 400	11, 488	28	14	60	34
Arkansas.....	4, 428	7, 053	9, 830	12, 094	59	39	173	23
California.....	136, 727	257, 894	361, 252	400, 655	89	40	259	36
Colorado.....	9, 388	13, 942	18, 457	22, 563	49	32	149	72
Connecticut.....	24, 866	29, 929	38, 081	29, 797	20	27	20	-22
Delaware.....	5, 798	8, 434	10, 862	13, 766	45	29	137	27
Florida.....	10, 413	20, 158	26, 338	38, 408	94	31	259	46
Georgia.....	8, 025	12, 861	17, 570	15, 396	60	37	92	-12
Idaho.....	2, 561	4, 589	6, 156	10, 567	79	34	313	72
Illinois.....	86, 163	118, 241	156, 050	188, 282	37	32	119	21
Indiana.....	55, 382	62, 646	70, 978	89, 383	13	13	61	26
Iowa.....	22, 449	28, 605	29, 543	49, 101	27	3	119	66
Kansas.....	22, 561	26, 669	28, 479	27, 419	18	7	22	-4
Kentucky.....	15, 072	15, 988	17, 775	25, 681	6	11	70	45
Louisiana.....	11, 502	17, 759	24, 693	27, 260	54	39	137	10
Maine.....	8, 418	8, 962	11, 564	9, 143	7	29	9	-21
Maryland.....	16, 714	19, 176	28, 483	33, 414	15	49	100	17
Massachusetts.....	13, 029	19, 685	28, 161	13, 016	51	43	(1)	-54
Michigan.....	44, 265	48, 182	61, 765	84, 673	9	28	91	37
Minnesota.....	22, 489	28, 665	29, 165	29, 696	27	2	32	2
Mississippi.....	20, 611	10, 544	19, 646	22, 743	-49	86	10	16
Missouri.....	19, 278	28, 121	34, 403	62, 801	46	22	226	83
Montana.....	5, 685	8, 674	8, 796	9, 286	53	1	63	6
Nebraska.....	7, 365	9, 613	9, 947	10, 512	31	4	43	6
Nevada.....	2, 280	3, 414	4, 176	5, 425	50	22	138	30
New Hampshire.....	4, 051	4, 494	4, 901	6, 800	11	9	68	39
New Jersey.....	5, 491	32, 311	53, 197	42, 022	488	65	665	-21
New Mexico.....	5, 325	6, 129	6, 168	7, 483	15	1	41	21
New York.....	68, 962	163, 061	323, 158	501, 481	137	98	627	55
North Carolina.....	72, 750	97, 541	72, 221	98, 797	34	-26	36	37
North Dakota.....	7, 869	12, 403	13, 915	17, 104	58	12	117	23
Ohio.....	81, 277	105, 113	125, 147	162, 773	29	19	100	30
Oklahoma.....	9, 082	8, 318	12, 569	26, 699	-8	51	197	115
Oregon.....	28, 909	33, 687	41, 841	58, 470	17	24	102	40
Pennsylvania.....	78, 012	143, 552	199, 695	180, 672	84	39	132	-10
Rhode Island.....	4, 436	4, 455	4, 038	6, 288	(1)	-9	42	56
South Carolina.....	10, 932	16, 930	21, 943	18, 856	55	30	72	-14
South Dakota.....	6, 552	9, 155	11, 394	15, 914	40	25	143	40
Tennessee.....	12, 073	19, 339	25, 297	32, 427	60	31	169	28
Texas.....	-14, 734	4, 353	31, 098	55, 385	(2)	614	(3)	78
Utah.....	2, 666	4, 391	4, 155	3, 974	65	-5	49	-4
Vermont.....	5, 150	6, 981	8, 264	8, 100	36	18	57	-2
Virginia.....	35, 810	50, 882	63, 465	74, 307	42	25	108	17
Washington.....	37, 200	47, 549	83, 580	90, 837	28	76	144	9
West Virginia.....	13, 528	17, 637	18, 256	22, 322	30	4	65	22
Wisconsin.....	39, 057	58, 754	71, 912	93, 558	50	22	140	39
Wyoming.....	2, 575	4, 377	6, 575	8, 530	70	50	231	30

<sup>1</sup> Less than 1/2 of 1 percent.

<sup>2</sup> Not computed.

Source: Department of Commerce, Bureau of the Census; annual report, Balances in State General, Highway, and Postwar-Reserve Funds in 1946.

### No. 404.—GENERAL EXPENDITURES FOR STATE AID TO LOCAL GOVERNMENTS BY FUNCTION, AND BY SOURCE: 1946

(In thousands of dollars)

SOURCE	Total	Unspec- ified	SPECIFIED FUNCTIONS							Other
			Total	Schools	Highways		Public welfare			
					Total	Debt service only	Total	Gen- eral relief	Cate- gorical aid	
Total .....	2,065,804	374,771	1,711,033	915,396	246,840	43,923	373,064	54,352	117,000	69,714
From unspecified and combined sources.....	1,069,907	16,478	1,073,432	797,717	31,709	2,624	208,058	42,712	164,239	25,895
From Federal aid .....	182,683	170	182,673	19,950	150	.....	148,622	10	148,594	12,840
From earmarked State sources .....	1,813,214	358,186	465,628	97,728	314,921	34,299	22,393	13,129	4,369	19,999
Sales and gross re- ceipts taxes .....										
General sales, use, or gross receipts .....	46,124	27,094	19,030	10,271	.....	.....	8,759	899	3,045	.....
Motor vehicle fuels .....	245,955	13,891	232,064	.....	226,607	34,141	5,213	5,213	.....	244
Alcoholic bever- ages .....	45,469	28,827	16,642	7,619	3,365	.....	146	146	.....	5,513
Other sales and gross receipts .....	60,907	45,642	15,265	1,791	790	.....	8,075	6,761	1,314	4,609
License and privilege taxes and permits:										
Motor vehicles .....	90,944	5,478	85,466	3,904	81,439	.....	.....	.....	.....	125
Alcoholic beverages .....	32,723	31,672	1,051	1,161	.....	.....	.....	.....	.....	.....
Other licenses .....	25,377	21,430	3,947	3,828	.....	.....	.....	.....	.....	119
Individual income taxes .....	95,548	58,002	37,546	37,358	.....	.....	.....	.....	.....	186
Corporation net in- come taxes .....	85,987	35,091	50,896	.....	.....	.....	.....	.....	.....	895
Property taxes .....	77,806	39,675	37,831	29,243	96	.....	.....	.....	.....	7,026
Other taxes .....	13,092	10,060	3,042	1,938	1,10	.....	.....	.....	.....	.....
State government en- terprise profits .....	20,344	19,489	855	55	.....	.....	200	200	.....	590
Other revenue .....	809	63	746	24	654	.....	.....	.....	.....	69
Combined revenue .....	22,429	21,862	567	547	.....	.....	.....	.....	.....	.....

<sup>1</sup> Amounts which could not be segregated by source are included in amounts paid from unspecified and combined sources. Hence, amounts paid from Federal aid and from earmarked State sources are understated.

<sup>2</sup> Amounts paid from motor vehicle license taxes for Indiana, Iowa, Kansas, Mississippi, New Jersey, Oregon, Vermont, and Wisconsin are included in amounts paid from motor vehicle fuels taxes; segregation not available.

<sup>3</sup> Amounts paid from alcoholic-beverage license taxes for South Carolina and South Dakota are included in amounts paid from alcoholic-beverage sales taxes; segregation not available.

<sup>4</sup> Amounts paid from corporation income taxes for Colorado, Minnesota, Montana, Oregon, South Carolina, Utah, and Wisconsin are included in amounts paid from individual income taxes; segregation not available.

Source: Department of Commerce, Bureau of the Census; annual report, State Finances, 1946 Compendium, and records.

### No. 405.—INCOME AND EXPENSE STATEMENT OF THE 16 STATE-OPERATED ALCOHOLIC-BEVERAGE MONOPOLY SYSTEMS, BY STATES: 1946

(In thousands of dollars)

STATE	Gross sales of goods	Net sales of goods	Cost of goods sold	Gross profit on sales	Operating expense	Net operating revenue	Other income	Other expense	Net income
<b>Total</b> .....	807,496	785,449	623,659	155,799	33,244	122,555	5,918	—	128,463
Alabama .....	36,376	35,924	25,724	10,200	1,111	9,089	308	—	9,396
Idaho .....	11,350	11,399	9,308	2,143	404	1,739	18	—	1,807
Iowa .....	28,408	28,397	22,026	6,371	1,500	4,871	233	—	5,104
Maine .....	21,113	20,957	15,552	5,405	660	4,745	310	—	4,835
Michigan .....	125,856	113,668	93,524	20,164	2,814	17,350	889	—	18,239
Montana .....	12,931	12,981	10,407	2,574	785	1,739	61	—	1,790
New Hampshire .....	14,163	14,163	11,069	3,094	565	2,529	88	—	2,617
Ohio .....	117,645	109,403	92,975	16,428	4,001	12,427	783	1	13,209
Oregon .....	41,260	41,260	31,431	9,828	1,349	8,489	117	—	8,606
Pennsylvania .....	201,376	201,376	162,381	38,995	11,721	27,274	1,765	—	28,039
Utah .....	12,823	12,823	9,393	3,431	826	2,605	107	—	2,712
Vermont .....	8,737	8,817	6,661	1,666	161	5	88	—	49
Virginia .....	73,374	73,274	56,764	16,510	2,654	13,846	471	19	14,307
Washington .....	57,755	57,755	48,413	9,342	2,370	6,972	394	—	7,366
West Virginia .....	39,103	39,103	29,729	10,374	1,946	8,428	296	—	8,724
Wyoming .....	6,170	6,170	5,416	754	147	607	52	—	659

Source: Department of Commerce, Bureau of the Census; annual report, State Finances, 1946 Compendium.

## No. 406.—SUMMARY OF CITY FINANCES: 1942 TO 1946

[Cities having 1940 populations over 25,000]

ITEM	AMOUNT (MILLIONS OF DOLLARS)					Percent change 1945-1946 <sup>1</sup>
	1942	1943	1944	1945	1946	
Total general revenue and new borrowings.....	(?)	2,639	2,712	2,821	3,102	10.0
New borrowings.....	(?)	48	49	106	181	70.0
Total general revenue.....	2,589	2,591	2,663	2,714	2,921	7.6
Taxes, total.....	1,930	1,946	1,971	1,971	2,064	4.7
Property only.....	1,678	1,711	1,726	1,712	1,763	2.9
Aid received from other governments.....	447	437	453	485	546	12.6
From State governments only.....	419	402	422	450	513	14.0
Charges and miscellaneous.....	211	209	238	258	311	20.4
Total general expenditure.....	2,677	2,614	2,620	2,685	2,950	9.9
Provision for debt retirement.....	293	320	320	293	271	-7.6
General expenditure less provision for debt retirement.....	2,383	2,294	2,300	2,392	2,678	12.0
Operation <sup>2</sup> .....	1,896	1,863	1,901	1,962	2,158	10.0
General control.....	158	157	163	171	185	8.5
Public safety.....	454	464	472	481	532	10.6
Highways.....	135	136	140	154	164	7.0
Sanitation.....	134	139	151	162	183	12.9
Health and hospitals.....	142	142	158	167	189	13.3
Public welfare.....	264	210	187	183	206	12.7
Schools.....	448	452	453	457	486	6.5
Capital outlay.....	158	93	77	91	168	84.9
Aid paid to other governments.....	41	47	4	5	10	99.7
Interest.....	170	161	147	137	129	-5.8
Contributions to trust funds and enterprises.....	159	170	170	197	214	8.7
Debt at end of fiscal year (general and enterprise):						
Gross.....	8,155	7,820	7,497	7,326	7,161	-2.3
General.....	4,568	4,251	3,995	3,780	3,674	-2.8
Enterprise.....	3,587	3,569	3,502	3,546	3,487	-1.7
Net long-term, total.....	6,823	6,488	6,175	5,978	5,821	-2.5

<sup>1</sup> Computed on basis of absolute amounts rounded to nearest thousand.<sup>2</sup> Not available.<sup>3</sup> Including amounts for functions not enumerated—correction, libraries, and recreation—and miscellaneous and unallocable operation expenditure.<sup>4</sup> For cities with 1940 populations over 250,000. Amounts of aid paid to other governments for cities with 1940 populations of 25,000 to 250,000 included in general expenditure for operation.<sup>5</sup> For cities with 1940 populations over 100,000. Data for contributions to trust funds and enterprises not available for cities with 1940 populations of 25,000 to 100,000.

Source: Department of Commerce, Bureau of the Census; annual report, Compendium of City Government Finances in 1946.

## No. 407.—REVENUE, EXPENSE, AND GROSS DEBT OF ENTERPRISES FOR CITIES HAVING POPULATIONS OVER 25,000: 1945 AND 1946

[Amounts in thousands of dollars]

ENTERPRISE	1945				1946			
	Number of enterprises	Operating revenue	Operating expense (except depreciation)	Gross debt <sup>1</sup>	Number of enterprises	Operating revenue	Operating expense (except depreciation)	Gross debt <sup>1</sup>
Total.....	530	732,068	417,120	3,304,448	552	763,449	463,091	3,260,300
Water.....	321	310,209	126,714	1,393,076	320	321,832	139,946	1,380,142
Electricity.....	52	141,888	64,240	285,946	52	149,445	74,321	248,353
Transit.....	13	217,516	189,538	1,193,023	13	221,133	204,819	1,186,516
Gas.....	14	26,822	17,588	18,882	15	30,584	20,558	19,169
Port facilities.....	32	21,996	8,333	266,121	30	22,501	8,483	260,233
Airports.....	77	4,169	3,835	84,449	95	7,289	6,826	103,523
Other.....	21	9,468	6,872	62,951	27	10,665	8,138	62,373

<sup>1</sup> Debt for leased enterprises excluded.

Source: Department of Commerce, Bureau of the Census; annual report, City Finances, Compendium, for each year.

## No. 408.—REVENUE AND EXPENDITURE OF

[In thousands]

Line No.	POPULATION GROUP AND CITY	Total general revenue and new borrowings	New borrowings <sup>1</sup>	GENERAL REVENUE					GENERAL EXPENDITURE		
				Total	Property taxes	Other local taxes	Aid received from other governments	Charges and miscellaneous	Total	Provision for debt retirement	Total less provision for debt retirement
1	Total	3,161,690	180,677	2,921,013	1,762,521	361,800	545,795	310,897	2,949,519	271,145	2,678,364
2	Over 1,000,000 total	1,138,231	25,452	1,112,779	674,387	146,961	213,239	78,192	1,136,977	82,106	1,054,871
3	New York	729,295	4,544	724,751	446,312	82,783	164,404	31,282	744,335	52,908	691,427
4	Chicago	120,213	7,808	112,405	67,356	26,407	9,919	8,723	122,251	13,181	109,070
5	Philadelphia	104,511	13,100	91,411	46,094	31,057	4,506	9,754	91,876	4,210	87,666
6	Detroit	135,042	—	135,042	87,833	1,455	29,200	16,554	182,080	10,080	172,000
7	Los Angeles	49,179	—	49,179	25,792	5,259	5,210	11,909	46,646	1,654	44,992
8	500,000 to 1,000,000 total	470,290	18,354	451,936	282,449	46,845	84,339	38,243	445,276	45,595	399,681
9	Cleveland	42,078	3,800	38,278	23,068	576	7,439	7,393	38,737	4,900	33,837
10	Baltimore	66,421	650	65,771	42,045	3,306	18,436	7,184	65,764	5,102	60,662
11	St. Louis	34,510	—	34,510	19,831	9,819	485	4,576	32,318	4,295	28,023
12	Boston	97,847	7,585	90,262	62,420	2,445	25,994	3,903	94,653	13,502	81,151
13	Pittsburgh	25,554	1,950	23,604	19,223	653	1,300	2,428	24,474	4,213	20,261
14	Washington, D. C.	68,181	669	67,512	29,126	26,783	8,580	3,143	62,535	166	62,369
15	San Francisco	60,391	4,000	56,391	31,629	1,317	9,545	3,899	65,918	3,520	62,398
16	Milwaukee	40,900	—	40,900	24,331	1,102	12,361	3,106	36,035	—	36,035
17	Buffalo	44,650	—	44,650	20,776	1,044	10,218	2,612	44,542	9,779	34,763
18	250,000 to 500,000 total	443,971	55,120	408,851	231,554	44,795	76,876	55,625	401,232	44,739	356,493
19	New Orleans	23,612	—	23,612	8,099	10,394	2,870	2,349	22,741	2,114	20,627
20	Minneapolis	24,339	2,438	21,901	23,074	1,110	3,337	4,380	35,802	5,933	29,869
21	Cincinnati	21,952	1,203	20,749	10,593	327	5,167	4,602	24,604	3,088	21,516
22	Newark	41,737	471	41,266	32,430	1,390	6,146	1,300	38,821	3,364	35,457
23	Kansas City, Mo.	13,169	70	13,099	7,099	4,314	158	1,528	12,743	1,286	11,457
24	Indianapolis	10,800	479	10,321	7,517	193	1,229	882	9,730	799	8,931
25	Houston	22,045	10,484	11,561	7,815	1,814	94	1,838	16,650	2,399	14,251
26	Seattle	24,270	3,806	20,464	6,531	4,162	5,738	4,283	14,912	1,779	13,133
27	Rochester	30,288	1,282	29,006	17,833	582	7,169	3,482	29,256	4,383	24,873
28	Denver	21,778	185	21,593	9,117	1,382	8,812	2,281	20,863	1,198	19,665
29	Louisville	15,951	286	15,665	9,468	1,476	1,311	3,411	16,576	912	15,664
30	Columbus	10,226	1,510	8,716	3,421	1,254	1,968	2,053	9,055	1,779	7,276
31	Portland, Oreg.	12,130	—	12,130	7,743	1,187	844	2,356	11,320	1,327	9,993
32	Atlanta	17,897	4,028	13,869	5,625	2,314	1,441	4,489	13,208	613	12,595
33	Oakland	25,597	15,754	9,843	7,161	712	679	1,291	9,915	624	9,291
34	Jersey City	37,896	185	37,711	17,665	675	16,992	2,379	36,320	2,099	34,221
35	Dallas	25,387	8,135	17,252	9,751	1,439	2,422	3,640	20,769	1,810	18,959
36	Memphis	12,462	—	12,462	6,729	1,584	1,812	2,327	13,442	1,034	12,408
37	St. Paul	15,790	1,410	14,380	9,225	1,024	2,180	1,951	14,209	1,442	12,767
38	Toledo	13,312	117	13,195	4,504	4,018	2,593	2,083	11,834	2,615	9,219
39	Birmingham	10,717	3,175	7,542	2,366	2,578	1,501	1,097	6,548	1,184	5,364
40	San Antonio	6,145	293	5,852	4,448	522	41	841	5,922	952	4,970
41	Providence	16,971	—	16,971	13,340	447	2,362	822	16,062	1,304	14,758
42	100,000 to 250,000 total	401,374	36,652	364,722	223,300	24,110	68,420	46,992	373,061	43,123	329,938
43	50,000 to 100,000 total	325,775	23,681	302,143	185,150	21,419	50,182	45,392	306,962	29,746	277,216
44	25,000 to 50,000 total	302,110	21,568	280,542	166,681	17,660	52,789	44,453	285,991	25,856	260,135

<sup>1</sup> For general-government purposes only. Consists of long-term debt incurred during fiscal year other than by funding or refunding, plus any excess of issuance over redemption of short-term debt.

<sup>2</sup> Includes expenditure for other public safety, correction, libraries, recreation, and miscellaneous.

<sup>3</sup> Includes \$9,709,000 for 4 colleges constituting College of City of New York.

<sup>4</sup> Includes an amount for Wayne University.

<sup>5</sup> Excludes \$214,000 paid from accumulated sinking-fund assets.

<sup>6</sup> Assessed valuation includes valuation of exempt homesteads, and levy includes amount for which the city is reimbursed by the State for loss of property tax revenue. This latter amount is excluded from property tax collections and is included in State aid received.

## CITIES HAVING POPULATIONS OVER 25,000: 1946

of dollars

GENERAL EXPENDITURE—continued											ENTERPRISES			Line No.
Operation									Inter- est	Capit- al outlay only	Operat- ing revenue	Operat- ing ex- pense except depre- ciation		
Total	Gen- eral control	Police	Fire	High- ways	Sani- tation	Health and hospit- als	Public welfare	Schools						
2,157,716	185,328	292,553	215,214	144,438	152,659	159,968	205,935	484,127	129,961	167,596	782,449	463,991	1	
807,367	74,371	119,881	64,699	41,785	64,129	76,902	102,979	194,171	55,952	49,100	316,812	217,963	2	
515,304	43,370	55,025	33,044	21,789	33,806	52,293	84,560	156,502	35,135	29,782	181,034	134,489	3	
91,512	10,497	26,432	11,066	8,815	10,345	7,039	8,787	—	3,097	4,790	17,649	13,175	4	
64,453	10,899	15,910	7,636	4,782	6,867	5,767	2,931	26	9,797	4,114	8,055	5,326	5	
101,040	6,489	12,873	6,006	3,007	10,113	6,163	6,673	37,802	7,637	5,815	47,211	38,899	6	
34,028	3,246	9,641	6,925	2,392	3,198	1,721	20	—	1,296	4,559	62,066	20,076	7	
334,458	27,992	44,705	29,765	21,169	27,342	33,839	35,969	55,299	12,946	27,992	192,286	62,726	8	
26,877	2,223	5,788	3,293	2,306	3,833	3,511	1,307	—	2,547	2,641	36,458	27,972	9	
49,374	2,250	5,723	3,920	3,612	4,345	3,733	6,414	12,496	3,675	4,697	7,111	2,546	10	
24,837	3,125	5,362	2,379	1,651	1,392	6,216	686	—	1,389	—	6,205	2,896	11	
71,780	5,479	6,815	4,461	3,200	4,337	6,926	16,051	16,897	1,066	4,678	7,411	2,690	12	
16,392	1,806	3,531	2,993	1,520	2,667	1,251	32	—	1,316	1,333	2,908	2,346	13	
51,404	3,460	5,667	2,930	2,261	2,245	9,742	3,180	13,974	—	6,093	3,376	2,129	14	
34,589	4,796	4,562	4,520	1,365	1,262	4,804	8,269	—	1,224	3,202	31,485	20,000	15	
28,751	1,687	2,341	2,623	2,166	3,643	1,087	9	10,631	189	2,426	—	1,848	16	
30,494	2,076	3,626	2,646	2,106	2,696	2,700	161	11,703	1,673	854	2,733	1,367	17	
282,948	24,132	37,119	31,753	24,366	26,890	27,646	17,996	64,909	19,894	31,038	115,179	62,972	18	
16,782	3,430	1,063	1,608	2,424	3,665	665	298	306	1,293	1,469	4,283	3,536	19	
28,387	1,052	1,746	1,565	1,800	1,061	3,378	730	9,776	1,324	2,185	2,347	1,400	20	
15,672	1,299	2,365	1,994	1,609	1,566	2,561	1,169	1,731	1,302	3,374	3,185	2,155	21	
31,068	2,740	4,192	2,611	929	3,280	3,016	1,434	10,631	1,690	290	3,800	2,083	22	
9,694	1,233	1,575	1,128	1,380	705	1,840	23	—	973	577	2,856	1,398	23	
7,314	314	1,720	2,072	762	319	1,795	—	—	221	688	12,591	9,744	24	
7,943	852	1,473	1,802	846	1,132	1,115	165	—	834	5,243	2,075	1,612	25	
9,745	1,252	2,090	1,761	1,064	1,212	541	—	—	786	1,699	24,023	12,806	26	
21,210	1,301	1,513	1,440	2,421	2,720	1,428	1,554	6,702	981	1,002	1,832	536	27	
18,038	1,572	1,363	1,230	1,140	756	1,390	8,818	1	199	616	3,701	1,392	28	
11,636	551	1,129	817	829	904	—	468	6,271	1,643	1,055	2,321	1,010	29	
8,496	527	947	672	1,098	1,146	223	—	—	507	663	2,823	1,806	30	
7,605	668	2,101	1,849	966	541	426	7	—	518	1,184	2,980	1,620	31	
11,038	624	1,254	1,028	794	1,008	470	—	4,930	266	891	3,189	1,651	32	
7,216	630	1,966	1,613	742	562	360	4	3	252	774	1,664	814	33	
20,589	2,019	2,628	1,202	606	1,269	4,180	173	7,065	1,489	270	2,329	1,011	34	
11,779	655	1,152	1,368	592	1,036	—	125	4,663	959	4,783	3,399	1,299	35	
9,754	476	928	981	736	673	1,197	40	3,254	657	1,631	16,609	9,200	36	
10,513	544	977	1,036	916	594	630	863	3,681	918	721	1,304	672	37	
7,146	662	1,268	1,220	572	849	577	444	866	557	825	1,639	1,303	38	
3,895	342	851	881	890	468	18	—	—	704	296	264	101	39	
3,955	401	651	727	574	617	389	2	—	517	299	12,398	4,889	40	
12,633	888	1,268	1,164	1,484	884	967	751	4,619	1,392	335	2,022	787	41	
277,193	20,792	34,345	32,695	26,372	24,465	19,018	21,637	62,211	15,475	20,349	88,597	46,034	42	
234,196	19,433	30,227	29,790	25,102	20,415	15,800	14,737	47,124	13,381	18,606	72,923	37,656	43	
220,624	18,696	26,281	26,512	26,682	19,416	10,553	13,536	52,511	10,312	21,752	67,551	34,671	44	

† University of Cincinnati. Data are for 1945. 1946 data not available at time of publication.

‡ Includes \$245,000, back 2nd class railroad taxes, and \$289,000, interest on such taxes collected by State of New Jersey through legal settlement.

§ Includes \$1,220,000 for University of Louisville.

|| Includes \$4,726,000, back 2nd class railroad taxes and \$4,405,000, interest on such taxes, collected by State of New Jersey through legal settlement.

||| University of Toledo.

Source: Department of Commerce, Bureau of the Census; annual reports, Large-City Finances in 1946 and Compendium of City Government Finances in 1946.

**No. 409.—GENERAL AND ENTERPRISE DEBT OUTSTANDING AT END OF FISCAL YEAR,  
OF CITIES HAVING POPULATIONS OVER 25,000: 1946**

[In thousands of dollars]

POPULATION GROUP AND CITY	TOTAL			GENERAL			ENTERPRISE		
	Gross debt	Net long-term		Gross debt	Net long-term		Gross debt	Net long-term	
		Total	Full faith and credit		Total	Full faith and credit		Total	Full faith and credit
<b>Total</b> .....	7,199,993	5,827,838	5,409,375	3,674,112	3,016,575	2,948,341	3,485,881	2,811,260	2,461,034
<b>Over 1,000,000 total</b> .....	4,011,328	3,062,320	2,916,629	1,568,526	1,134,617	1,109,898	2,452,802	1,927,793	1,804,681
New York.....	2,931,633	2,194,969	2,194,969	984,907	681,856	681,856	1,966,628	1,513,111	1,513,111
Chicago.....	148,919	79,848	22,966	108,712	40,676	22,701	40,207	38,972	268
Philadelphia.....	439,848	333,279	333,279	239,410	169,473	169,473	200,438	163,806	163,806
Detroit.....	296,364	271,213	267,912	218,940	217,406	214,105	77,424	53,807	53,807
Los Angeles.....	194,662	183,011	97,383	26,657	25,004	21,761	168,105	158,007	75,622
<b>500,000 to 1,000,000 total</b> .....	671,584	566,129	547,996	381,063	329,638	329,596	290,501	236,491	218,368
Cleveland.....	95,716	83,788	70,522	67,148	59,928	59,928	28,698	23,860	10,894
Baltimore.....	164,489	123,986	123,986	102,469	69,657	69,657	62,090	54,329	54,329
St. Louis.....	44,361	43,031	41,781	38,014	37,011	37,011	6,347	6,090	4,770
Boston.....	129,724	93,449	93,449	42,861	40,284	40,284	86,863	53,165	53,165
Pittsburgh.....	47,663	47,225	47,225	45,123	44,703	44,703	2,840	2,522	2,522
Washington, D. C.....	393	393	593	578	578	578	15	15	15
San Francisco.....	117,061	114,928	112,701	28,516	28,438	28,308	86,645	86,490	84,303
Milwaukee.....	6,601	2,189	789	4,197	27	27	2,404	2,182	763
Buffalo.....	55,846	55,940	56,940	52,167	49,012	49,012	13,189	7,928	7,928
<b>250,000 to 500,000 total</b> .....	895,456	780,246	681,983	602,468	527,423	515,483	302,968	252,817	166,599
New Orleans.....	40,905	35,675	35,924	29,473	27,678	24,927	11,432	10,997	10,997
Minneapolis.....	58,456	57,090	57,090	54,699	53,235	53,235	3,857	3,856	3,856
Cincinnati.....	62,329	39,585	39,585	40,083	30,060	30,060	22,246	9,535	9,535
Newark.....	68,667	60,727	60,727	36,824	30,334	30,334	32,033	30,303	30,303
Kansas City, Mo.....	39,199	38,816	34,712	24,076	24,246	23,530	14,223	14,070	11,182
Indianapolis.....	18,012	17,323	16,681	6,268	5,822	5,180	11,744	11,501	11,501
Houston.....	52,270	49,317	35,397	34,798	32,474	32,095	17,482	16,843	3,303
Seattle.....	63,585	58,660	19,062	26,512	24,138	19,060	40,073	34,422	2
Rochester.....	42,413	35,698	35,698	35,653	30,816	30,816	6,760	4,882	4,882
Denver.....	27,216	27,014	25,648	6,276	6,107	4,947	20,940	20,907	20,701
Louisville.....	42,485	28,625	28,035	42,069	28,600	28,035	426	25	25
Columbus.....	17,244	14,723	14,723	15,072	12,842	12,842	2,172	1,881	1,881
Portland, Oreg.....	33,478	28,732	28,732	19,350	16,667	16,667	14,128	12,168	12,168
Atlanta.....	13,371	12,453	11,239	10,431	9,631	9,277	2,940	2,829	1,968
Oakland.....	21,245	20,887	20,887	16,390	16,267	16,267	4,865	4,630	4,630
Jersey City.....	47,824	37,378	37,378	36,121	32,922	32,922	11,408	4,456	4,456
Dallas.....	44,885	42,016	41,980	33,408	31,388	31,388	11,477	10,627	10,589
Memphis.....	34,482	20,738	20,637	16,348	13,468	13,468	8,184	7,270	7,169
St. Paul.....	29,310	21,536	21,536	24,434	18,492	18,492	4,876	3,044	3,044
Toledo.....	19,662	18,571	15,261	15,664	14,831	14,714	3,898	2,740	547
Birmingham.....	24,061	23,061	23,061	20,411	19,615	19,615	3,650	3,446	3,446
San Antonio.....	48,061	41,491	10,296	10,922	10,068	9,885	37,129	31,428	419
Providence.....	64,826	47,726	47,726	47,416	37,847	37,847	17,110	9,878	9,878
<b>100,000 to 250,000</b> .....	668,669	594,294	513,955	448,372	400,634	397,126	220,327	193,660	126,926
<b>50,000 to 100,000</b> .....	506,267	466,477	426,508	389,175	360,034	347,126	117,122	106,448	81,323
<b>25,000 to 50,000</b> .....	397,659	358,378	320,414	294,518	264,230	253,907	103,141	94,146	67,807

Source: Department of Commerce, Bureau of the Census; annual report, Compendium of City Government Finances in 1946.



## No. 410.—CITY EMPLOYEES AND PAY ROLLS: 1945, 1946, AND 1947

[Includes employees of city enterprises. Both permanent and temporary employees included. Numbers of part-time employees not reduced to full-time equivalent]

[Pay roll in thousands of dollars]

POPULATION GROUP AND CITY	NUMBER OF EMPLOYEES				AMOUNT OF PAYROLL			
	Total including school October 1947	Nonschool			Total including school October 1947	Nonschool		
		October 1945	October 1946	October 1947		October 1945	October 1946	October 1947
<b>Over 1,000,000, total.....</b>	<b>313,000</b>	<b>214,000</b>	<b>241,000</b>	<b>253,000</b>	<b>84,300.0</b>	<b>46,300.0</b>	<b>55,200.0</b>	<b>63,400.0</b>
Chicago.....	27,438	25,729	27,190	27,438	7,553.4	5,973.9	7,325.8	7,553.4
Detroit.....	46,088	25,854	29,295	29,149	12,906.1	6,512.9	8,845.6	7,408.3
Los Angeles.....	24,037	17,413	22,339	24,027	6,791.1	4,027.7	5,484.5	6,791.1
New York.....	199,153	<sup>1</sup> 127,200	140,419	149,161	52,043.2	<sup>1</sup> 26,098.7	30,366.7	36,619.1
Philadelphia.....	22,750	20,180	21,894	22,750	5,043.6	3,864.0	4,137.9	5,043.6
<b>500,000 to 1,000,000, total...</b>	<b>128,000</b>	<b>92,000</b>	<b>100,000</b>	<b>103,000</b>	<b>31,800.0</b>	<b>17,300.0</b>	<b>19,800.0</b>	<b>22,400.0</b>
Baltimore.....	18,000	10,415	10,344	<sup>1</sup> 12,249	3,531.7	1,680.2	1,840.3	<sup>1</sup> 2,291.8
Boston.....	19,301	13,404	14,187	14,259	4,151.1	1,987.0	2,294.6	2,332.5
Buffalo.....	10,472	6,372	6,287	6,278	2,663.2	1,300.1	1,279.2	1,403.7
Cleveland.....	17,063	<sup>2</sup> 14,824	16,447	17,063	3,926.4	<sup>1</sup> 3,054.8	3,585.5	3,926.4
Milwaukee.....	11,378	6,361	6,713	6,904	2,732.0	1,264.6	1,410.6	1,682.4
Pittsburgh.....	5,785	5,296	5,635	5,785	1,336.9	1,072.8	1,186.6	1,336.9
St. Louis.....	11,823	11,248	12,477	11,823	2,092.2	1,633.9	2,155.7	2,092.2
San Francisco.....	15,810	(?)	15,028	15,810	3,966.5	<sup>2</sup> 2,182.4	3,432.2	3,966.5
Washington.....	18,197	14,785	12,064	13,235	4,362.2	3,096.2	2,626.4	2,690.7
<b>250,000 to 500,000, total...</b>	<b>122,000</b>	<b>82,000</b>	<b>89,000</b>	<b>92,000</b>	<b>28,000.0</b>	<b>13,800.0</b>	<b>16,200.0</b>	<b>18,600.0</b>
Atlanta.....	5,009	2,941	2,428	2,634	990.4	457.7	417.8	547.6
Birmingham.....	1,516	1,593	1,654	1,516	269.3	249.6	279.7	269.3
Cincinnati.....	7,778	4,960	5,543	5,545	1,498.5	895.9	900.9	1,150.8
Columbus.....	<sup>1</sup> 2,231	<sup>1</sup> 1,807	2,231	2,231	<sup>1</sup> 391.9	319.6	391.9	391.9
Dallas.....	6,858	2,873	3,613	2,804	1,661.0	—	655.6	692.5
Denver.....	4,673	3,880	4,345	4,673	890.2	578.2	680.4	890.2
Houston.....	3,990	3,403	3,827	3,990	857.6	537.6	737.3	857.6
Indianapolis.....	<sup>1</sup> 3,992	<sup>1</sup> 2,998	3,739	<sup>1</sup> 3,992	<sup>1</sup> 862.8	<sup>1</sup> 350.6	696.8	<sup>1</sup> 862.8
Jersey City.....	6,941	3,944	3,907	4,297	1,534.4	699.3	728.9	894.5
Kansas City, Mo.....	4,772	4,128	4,773	4,772	733.6	562.4	666.7	733.5
Louisville.....	5,529	3,353	3,502	3,433	1,381.6	475.0	494.4	544.9
Memphis.....	6,645	3,707	4,436	4,870	1,164.4	561.4	694.9	834.7
Minneapolis.....	8,707	4,432	5,011	4,997	2,173.0	<sup>2</sup> 730.3	930.5	1,098.1
Newark.....	10,477	5,863	6,167	<sup>1</sup> 6,167	2,654.6	1,129.3	1,304.6	<sup>1</sup> 1,304.6
New Orleans.....	6,850	6,553	6,592	6,850	(?)	(?)	(?)	(?)
Oakland.....	3,017	2,509	2,722	3,017	715.4	508.5	642.0	715.4
Portland, Oreg.....	3,496	<sup>1</sup> 2,907	3,161	3,496	765.6	<sup>1</sup> 566.9	636.7	765.6
Providence, R. I.....	4,967	2,955	2,967	3,122	1,271.7	399.4	543.9	728.9
Rochester.....	5,933	3,671	4,293	3,708	1,447.0	634.8	839.2	803.2
St. Paul.....	4,106	2,387	2,345	2,262	932.7	356.0	386.0	453.3
San Antonio.....	3,312	<sup>4</sup> 3,133	3,089	3,212	606.7	<sup>4</sup> 431.8	543.5	605.7
Seattle.....	6,853	5,794	6,531	6,855	1,664.6	1,238.9	1,453.1	1,664.6
Toledo.....	3,084	1,889	2,148	2,380	702.6	407.9	505.7	604.6
<b>100,000 to 250,000.....</b>	<b>109,000</b>	<b>73,000</b>	<b>79,000</b>	<b>83,000</b>	<b>22,400.0</b>	<b>12,600.0</b>	<b>14,900.0</b>	<b>16,100.0</b>
<b>50,000 to 100,000.....</b>	<b>93,000</b>	<b>65,000</b>	<b>72,000</b>	<b>76,000</b>	<b>19,000.0</b>	<b>10,700.0</b>	<b>12,300.0</b>	<b>14,400.0</b>
<b>25,000 to 50,000.....</b>	<b>68,000</b>	<b>56,000</b>	<b>63,000</b>	<b>67,000</b>	<b>17,500.0</b>	<b>8,900.0</b>	<b>10,900.0</b>	<b>12,500.0</b>
<b>Under 25,000.....</b>	<b>343,000</b>	<b>290,000</b>	<b>311,000</b>	<b>322,000</b>	<b>38,300.0</b>	<b>24,400.0</b>	<b>29,800.0</b>	<b>33,900.0</b>

<sup>1</sup> Information is for a previous month.<sup>2</sup> Data not available.<sup>3</sup> Pay roll estimated at one-twelfth of the annual budget for 1945.<sup>4</sup> Includes 516 temporary election employees.

Source: Department of Commerce, Bureau of the Census; annual report, City Employment in 1947.

**No. 411.—GENERAL REVENUE, GENERAL EXPENDITURE, AND DEBT OF COUNTY GOVERNMENTS, BY STATES: 1945**

[In thousands of dollars]

STATE	GENERAL REVENUE					GENERAL EXPENDITURE			DEBT (GENERAL AND ENTERPRISE)	
	Total	Taxes		Aid received from other governments	Charges and earnings	Total	Total less provision for debt retirement	Operation only	Gross	Net long-term
		Total	Property only							
<b>Total.....</b>	<b>1,720,327</b>	<b>906,187</b>	<b>869,474</b>	<b>454,787</b>	<b>209,413</b>	<b>1,696,371</b>	<b>1,532,377</b>	<b>1,345,834</b>	<b>1,531,181</b>	<b>1,369,487</b>
Alabama.....	34,361	11,381	9,699	20,326	2,654	33,694	28,269	24,617	35,500	31,909
Arizona.....	7,460	1,720	1,631	4,812	928	7,299	6,202	5,719	5,577	4,554
Arkansas.....	10,847	5,332	5,064	2,761	2,764	9,387	8,986	7,172	8,866	2,543
California.....	229,207	102,339	100,756	109,926	16,942	229,215	223,842	213,284	43,368	42,874
Colorado.....	30,787	7,264	7,231	21,981	1,642	30,615	30,417	30,266	709	703
Connecticut.....	4,067	1,308	1,308	2,588	171	4,037	2,517	2,299	8,516	7,676
Delaware.....	2,454	1,501	1,490	559	394	2,279	1,927	1,629	5,644	5,697
Florida.....	33,506	11,984	11,064	8,900	12,672	29,061	34,572	18,139	112,683	102,786
Georgia.....	34,941	14,115	15,875	5,237	3,589	24,232	23,254	20,692	14,334	10,287
Idaho.....	9,209	6,069	5,964	2,052	1,096	8,420	8,138	5,502	1,803	996
Illinois.....	69,277	37,857	37,096	8,300	13,120	56,413	51,870	49,854	41,487	39,967
Indiana.....	68,300	23,500	23,023	28,959	5,901	61,966	58,002	57,349	9,299	8,338
Iowa.....	53,799	33,019	32,652	14,816	5,964	52,055	42,149	36,960	54,546	54,546
Kansas.....	36,922	16,647	16,638	17,574	2,701	40,074	37,327	32,529	8,130	8,786
Kentucky.....	13,589	12,175	11,411	608	906	12,600	10,943	8,566	22,061	18,540
Louisiana.....	17,910	6,189	5,688	8,838	2,883	17,897	15,734	14,264	29,489	26,067
Maine.....	1,765	1,308	1,308	83	424	1,796	1,661	1,606	1,284	1,016
Maryland.....	35,002	21,480	20,685	11,436	2,087	35,152	33,440	31,028	42,634	40,263
Massachusetts.....	12,043	8,464	8,034	2,030	1,549	11,394	10,860	9,704	2,677	996
Michigan.....	70,066	38,057	38,037	23,658	8,341	70,106	68,438	62,862	10,044	5,898
Minnesota.....	61,823	32,869	32,753	25,930	3,024	59,721	55,995	50,742	14,369	13,478
Mississippi.....	39,316	15,018	14,980	22,322	1,976	38,800	34,100	29,432	40,191	31,596
Missouri.....	21,408	17,891	17,414	91	3,426	18,813	16,250	15,237	21,479	16,730
Montana.....	16,324	13,502	13,435	1,795	1,027	16,827	15,949	9,976	3,862	2,306
Nebraska <sup>1</sup> .....	25,661	8,022	7,781	14,966	2,573	27,712	27,070	25,857	2,472	2,472
Nevada.....	4,179	2,641	2,148	337	1,201	4,112	3,899	3,488	1,351	1,323
New Hampshire.....	2,438	2,101	2,101	7	330	2,646	2,455	2,367	1,611	1,326
New Jersey.....	73,281	48,219	48,219	15,777	9,285	72,330	64,813	57,524	100,086	86,830
New Mexico.....	3,227	2,163	2,074	656	418	2,945	2,583	2,453	1,926	1,716
New York.....	180,969	82,407	82,371	35,738	12,784	128,523	109,141	96,890	200,243	197,286
North Carolina.....	44,106	29,938	28,816	7,009	7,139	40,691	31,788	24,706	112,479	101,322
North Dakota.....	10,061	5,760	5,733	2,794	1,497	9,377	8,707	7,994	3,018	2,408
Ohio.....	91,401	38,710	37,789	37,968	14,703	85,943	76,770	69,046	54,783	46,179
Oklahoma.....	19,948	11,721	11,721	6,855	1,872	18,606	16,565	15,334	17,107	8,784
Oregon.....	20,734	13,578	13,609	4,198	2,958	20,399	19,339	14,476	8,616	7,499
Pennsylvania.....	63,121	49,399	49,155	5,648	8,074	62,966	51,166	43,704	132,306	116,439
Rhode Island <sup>2</sup> .....	16,622	8,543	7,899	6,002	2,077	16,960	12,791	11,683	20,476	18,082
South Carolina.....	11,152	6,066	6,066	1,719	3,367	10,607	8,483	8,213	7,968	8,336
South Dakota.....	52,223	27,180	26,373	21,160	3,893	49,583	44,478	38,069	81,610	75,682
Texas.....	75,562	40,662	39,558	23,900	11,120	83,208	63,764	50,021	179,184	166,706
Utah.....	6,742	5,227	5,200	390	1,125	7,065	7,087	5,635	43	43
Vermont.....	81	54	54	5	2	50	43	37	68	68
Virginia.....	41,997	18,223	17,854	21,045	2,729	41,274	39,339	35,461	23,368	17,037
Washington.....	37,783	15,033	14,617	17,686	5,064	37,276	36,343	23,587	9,672	8,798
West Virginia.....	11,228	9,000	8,919	834	1,394	12,135	10,101	8,255	22,431	16,006
Wisconsin.....	67,331	35,335	35,006	32,083	19,913	64,949	79,036	67,883	15,837	15,596
Wyoming.....	6,267	3,356	3,303	2,459	452	6,539	6,435	5,360	685	580

<sup>1</sup> Owing to change in fiscal year of Nebraska counties, 1945 fiscal year was for only 6 months. Data shown are for 12-months' fiscal year 1944.

<sup>2</sup> Rhode Island has no county governments.

Source: Department of Commerce, Bureau of the Census; annual report, County Finances, 1945 Compendium.

## 16. Banking and Finance

### MONEY AND BANKING

**Banking and monetary system.**—Collection of banking and monetary statistics in the United States has been conditioned by the development of our banking and monetary system. Banks in this country are organized under the laws of both the States and the Federal government. "National" banks organized under Federal law, passed in 1863, are supervised by the Comptroller of the Currency, and State-chartered banks are supervised by officials of the respective States. The Federal Reserve System was established in 1914 to exercise central banking functions, some of which are shared with the United States Treasury. The Reserve System includes national banks and such State banks as voluntarily join the System. The Federal Deposit Insurance Corporation, established on January 1, 1934, insures each deposit account up to \$5,000 in banks which are members of the Federal Reserve System and in such nonmember banks as join the insurance fund.

**Condition of banks.**—Statistics showing the condition of banks are collected by the various agencies responsible for the supervision of banks. Subdivision of the field among these agencies and the increasing adoption of practically uniform report schedules has made it possible for these agencies to compile the data with little duplication.

The Comptroller of the Currency, who has charge of the supervision of national banks, has collected condition reports since 1864 from these banks from three to six times annually and has tabulated and published summaries of these reports, showing the principal assets and liabilities, that is, total loans, United States Government securities, other securities, reserves, bankers' balances, interbank deposits, other demand deposits, and time deposits. National bank statistics are published in detail in the Abstract of Reports of National Banks (usually three times a year). The call report data are also published in the annual reports of the Comptroller although the detailed breakdown of assets and liabilities is slightly different than in the abstracts.

After the Federal Reserve System was established in 1914, State bank members of the Federal Reserve System began to submit to the Federal Reserve banks their statements of condition at the same time and in substantially the same form as national banks. These have been consolidated by the Federal Reserve Board with data for national banks collected by the Comptroller of the Currency into totals for all member banks of the Federal Reserve System, and are published in detail by the Board of Governors of the Federal Reserve System in the Member Bank Call Report (usually three times a year) and in summary form in the Federal Reserve Bulletin. Banking and Monetary Statistics, which was published in 1943 by the Board of Governors of the Federal Reserve System, makes available in one volume and on a uniform basis statistics of banking, monetary, and other financial developments. The statistics generally cover the period beginning with 1914.

Since the establishment of the Federal Deposit Insurance Corporation in 1934, insured banks not members of the Federal Reserve System have been reporting their condition for the end of June and December in the same manner as member banks, and consolidation of all these reports gives totals for all insured banks, which cover all but a small part of the commercial banking in the country. Beginning with June 30, 1947, a revised all-bank series is being tabulated twice a year by the Federal Deposit Insurance Corporation, replacing the three series previously compiled by the three Federal banking supervisory agencies. Data for noninsured banks are obtained largely through the cooperation of State banking officials. A monthly series, based

on the new all-bank series, is prepared and published by the Board of Governors of the Federal Reserve System.

Statistics of the Postal Savings System, which is under the management of the Post Office Department and which performs certain banking functions, are available monthly in the Federal Reserve Bulletin and annually in the Report of Operations of the Postal Savings System.

**Currency.**—Currency includes coin and paper money issued by the Government and by banks. It represents a relatively small part of the total media of exchange in the United States, for most of it is held in the form of bank deposits and most money payments are made by check. All currency is now issued by the Federal Reserve Banks and the Treasury.

“Currency in circulation” or “money in circulation” (official Treasury Circulation Statement) refers to all coin and paper money outside the Treasury and Federal Reserve banks, with the exception of gold and silver coin known to have been exported and, beginning with January 31, 1934, all gold coin. It includes all coin and paper money held by the public in the United States whether in current active use or held idle—also some currency which strictly speaking, is not a part of the money supply in the hands of the public, that is, cash in vaults of commercial and savings banks, currency lost or destroyed, and currency carried abroad by travelers and not appearing in the official gold and silver export figures. The Federal Reserve Board derives a monthly figure for “currency outside banks” by subtracting from the Treasury “circulation” figure an amount representing vault cash held by commercial and mutual savings banks, and this figure more nearly approximates true circulation. Historical data on the stock of money and money in circulation may be found in the Annual Report of the Secretary of the Treasury.

**Government credit agencies.**—Except for the Federal land banks, Federal intermediate credit banks, and a few other agencies, including the war emergency organizations, most of the credit agencies of the United States Government were created in 1932–34 to meet specific financial problems precipitated by the depression. At the present time, there are over 35 active agencies, including the Reconstruction Finance Corporation, various agricultural lending institutions, insurance agencies, and home mortgage and housing agencies.

Statistics on the principal items of assets and liabilities of Government credit agencies are published quarterly in the Daily Statement of the United States Treasury. Quarterly statements showing the assets and liabilities of Government corporations and sources and uses of funds for these agencies are published in the monthly Treasury Bulletin. Series of yearly, quarterly, and monthly statistics relating to operations of Government credit agencies are available also in the annual and other reports of individual agencies and the annual reports of the Secretary of the Treasury.

**Private credit agencies other than banks.**—In addition to commercial banks, savings banks, and Government credit agencies, there are a considerable number of other types of credit agencies in the United States. The most important of these are savings and loan associations, insurance companies, finance companies dealing primarily in installment sales financing, credit unions, and personal loan companies. Statistics of savings and loan associations are collected by the Home Loan Bank Board. Statistics on loans, investments, cash, etc., of life insurance companies are collected and published principally by the Spectator Company, which also publishes statistics on other types of insurance. Federal credit unions are under the supervision of the Federal Deposit Insurance Corporation and statistics on them are compiled and published by that organization. These data are combined with information on credit unions other than Federal by the Bureau of Labor Statistics and published in the Monthly Labor Review. (See table 458.) Consumer credit statistics are published currently in the Federal Reserve Bulletin.

## SECURITIES MARKETS AND CORPORATIONS

**New issues and retirement of securities.**—Current statistical information on new issues of securities has been provided for many years by the Journal of Commerce (since 1906), the Commercial and Financial Chronicle (since 1919) (see table 502), and the Standard and Poor's Corporation (since 1924). The statistics of the Commercial and Financial Chronicle, the most detailed and most widely used of these series, include, in addition to domestic and foreign corporate issues and State and local government securities, the issues of independent agencies of the United States Government, and the issues of foreign governments and their subdivisions. The series is deficient in information on the uses of the proceeds of new issues, showing totals only for refunding and all other purposes.

A more comprehensive series of new issues with detailed information on the intended uses of net proceeds has been compiled by the Securities and Exchange Commission on a monthly basis beginning with January 1934. (See table 503.) This series is published monthly in the Statistical Bulletin of the Securities and Exchange Commission, the Federal Reserve Bulletin, and the Survey of Current Business.

In addition, the Commission has been compiling statistics since 1933 on the volume of retirements of corporate securities and changes in security holdings of institutional groups and the public by type of issue. It is planned to make these data public in the next year.

**Individuals' saving.**—The Securities and Exchange Commission releases quarterly detailed estimates of individuals' saving showing the increase in their assets less the increase in their liabilities, exclusive of gains or losses from revaluation of assets. In addition to total saving, these figures show the components contributing to it, such as changes in securities, cash, insurance, consumers' indebtedness, etc. A continuous series starting with 1940 is published quarterly in a special release and in the Commission's Statistical Bulletin. (See table 435.) Revised annual estimates prior to 1940 are currently being prepared together with a write-up of the sources and methods. The Home Loan Bank Board compiles statistics on changes in selected types of individual long-term savings. (See table 437.)

**Distribution of family liquid assets and saving by income groups.**—The Board of Governors of the Federal Reserve System releases annual data covering the distribution of liquid assets and positive, negative, and net saving of families, by income groups. These estimates are based on the Board's Survey of Consumer Finances, a nation-wide interview survey of private households. The components of liquid assets are checking accounts, savings accounts, and all U. S. Government securities. Currency is excluded. The survey measures saving by obtaining detailed information on changes in the various asset and liability items that make up each family's balance sheet. (See footnote 2 to table 436 for details.)

**Trading in securities.**—(See tables 490–492.) Monthly figures on the total value and volume of securities sold on each of the national securities exchanges have been published since October 1934 by the Securities and Exchange Commission. These figures, reported in connection with the fees paid under Section 31 of the Securities Exchange Act of 1934, include all sales effected on exchanges except, since March 1944, United States Government issues. They cover odd lots as well as round lots. The Commission also publishes figures on the total daily volume of trading in stocks on the New York Stock Exchange and the New York Curb Exchange.

Prior to 1934, the only available statistical data on the volume of trading in securities were the daily figures on the number of shares and the principal amount of bonds reported sold on the New York Stock Exchange and on most of the other securities exchanges. "Reported" volume of stock sales on the New York Stock Exchange represents sales in round lots reported on the ticker and does not include certain types of round-lot transactions such as stopped sales, private sales, split openings, cross transactions, and errors of omission which ordinarily amount to from five to ten percent of total round-lot sales on the Exchange.



**Security price averages.**—(See tables 494 and 495.) A number of indices of security prices are published regularly. Among the most widely known are the Dow-Jones averages, which provide a continuous series of common stock prices on a daily basis since 1897. This series is now based on 65 common stocks divided into 30 industrial, 20 railroad, and 15 public utility stocks. Probably the most comprehensive and detailed are the indices of the Standard and Poor's Corporation available since 1918, which are based on the Wednesday closing price of approximately 400 stocks divided into about 70 industrial groups. Standard and Poor's Corporation also publishes a daily average of 90 stocks. Another stock price index available on a daily basis is the New York Herald Tribune average of 100 stocks.

**Liquid asset holdings of individuals and businesses.**—The Board of Governors of the Federal Reserve System prepares annual estimates of the amount of currency, demand deposits, time deposits, and U. S. Government securities held by individuals and businesses. Separate estimates are shown for financial and nonfinancial corporations, unincorporated businesses, other individuals, and trust fund holdings. The series, published in the Federal Reserve Bulletin, gives semi-annual figures from December 1939 to December 1946 and annual figures thereafter. (See table 501.)

**Current assets and liabilities of United States corporations.**—The Securities and Exchange Commission publishes a quarterly series on the net working capital position of all United States corporations, exclusive of banks and insurance companies, showing the principal components of current assets and current liabilities. (See table 500.)

Abbreviated balance sheet as well as income account data for all United States corporations are available in Statistics of Income, Part 2, an annual report of the Bureau of Internal Revenue (see tables 360–370, pp. 339–362). The Securities and Exchange Commission quarterly estimates, based on sample data, supply this information currently whereas about three years elapse before the final data are available from Statistics of Income.

Among other reports of the Securities and Exchange Commission are the quarterly series on Plant and Equipment Expenditures of United States Business, prepared jointly with the Department of Commerce; the Survey of American Listed Corporations; and an annual series, Resources and Liabilities of Brokers and Dealers, started in 1946.



# **No. 412.—DEPOSITS AND CURRENCY—ADJUSTED DEPOSITS OF ALL BANKS AND CURRENCY OUTSIDE BANKS: 1895 TO 1947**

[In millions of dollars. Figures partly estimated]

YEAR ENDING JUNE 30—	Total deposits (adj.) and currency	Currency outside banks	DEPOSITS				Total demand deposit (adj.) and currency
			Total	Demand (adj.) <sup>1</sup>	U. S. Govt. <sup>2</sup>	Time <sup>3</sup>	
995.....	6,032	971	5,061	2,960	13	2,088	3,931
900.....	8,865	1,331	7,534	4,420	99	3,015	5,751
905.....	13,237	1,629	11,608	7,069	75	4,464	8,608
910.....	16,977	1,725	15,252	8,254	54	6,944	9,979
915.....	20,682	1,575	19,107	9,828	48	9,231	11,403
920.....	39,859	4,105	35,754	19,616	304	15,834	23,721
925.....	48,323	3,573	44,750	21,376	180	23,194	24,949
930.....	54,389	3,369	51,020	21,706	322	28,992	25,075
931.....	52,883	3,651	49,232	19,832	439	28,961	23,483
932.....	45,415	4,616	40,799	15,625	418	24,756	20,241
933.....	41,680	4,761	36,919	14,411	852	21,656	19,172
934.....	45,961	4,659	41,302	16,694	1,733	22,875	21,353
935.....	49,881	4,783	45,098	20,433	811	23,854	25,216
936.....	55,052	5,222	49,830	23,780	1,142	24,908	29,002
937.....	57,258	5,489	51,769	25,198	666	25,905	30,687
938.....	56,565	5,417	51,148	24,313	599	26,236	29,730
939.....	60,943	6,005	54,938	27,355	792	26,791	33,360
940.....	66,952	6,699	60,253	31,962	828	27,463	38,661
941.....	74,153	8,204	65,949	37,317	753	27,879	45,521
942.....	81,963	10,936	71,027	41,870	1,837	27,320	52,806
943.....	110,161	15,814	94,347	56,039	8,048	30,260	71,853
944.....	136,172	20,881	115,291	60,065	19,506	35,720	80,946
945.....	162,784	25,097	137,687	69,053	24,381	44,253	94,150
946.....	171,237	26,516	144,721	79,476	13,416	51,829	105,992
947.....	165,455	26,299	139,156	82,134	1,367	55,655	108,433

<sup>1</sup> Includes demand deposits except interbank and U. S. Govt., less cash items in process of collection.

<sup>2</sup> Beginning with December 1938, includes U. S. Treasurer's time deposits, open account.

<sup>3</sup> Excludes interbank time deposits; includes depositors' balances in Postal Savings System.

Source: Board of Governors of the Federal Reserve System; Banking and Monetary Statistics, and Federal Reserve Bulletin. Figures published currently in Federal Reserve Bulletin.

## **No. 413.—MONEY IN CIRCULATION, BY KIND: 1930 TO 1947**

[In millions of dollars. For total circulation for earlier years, see table 415]

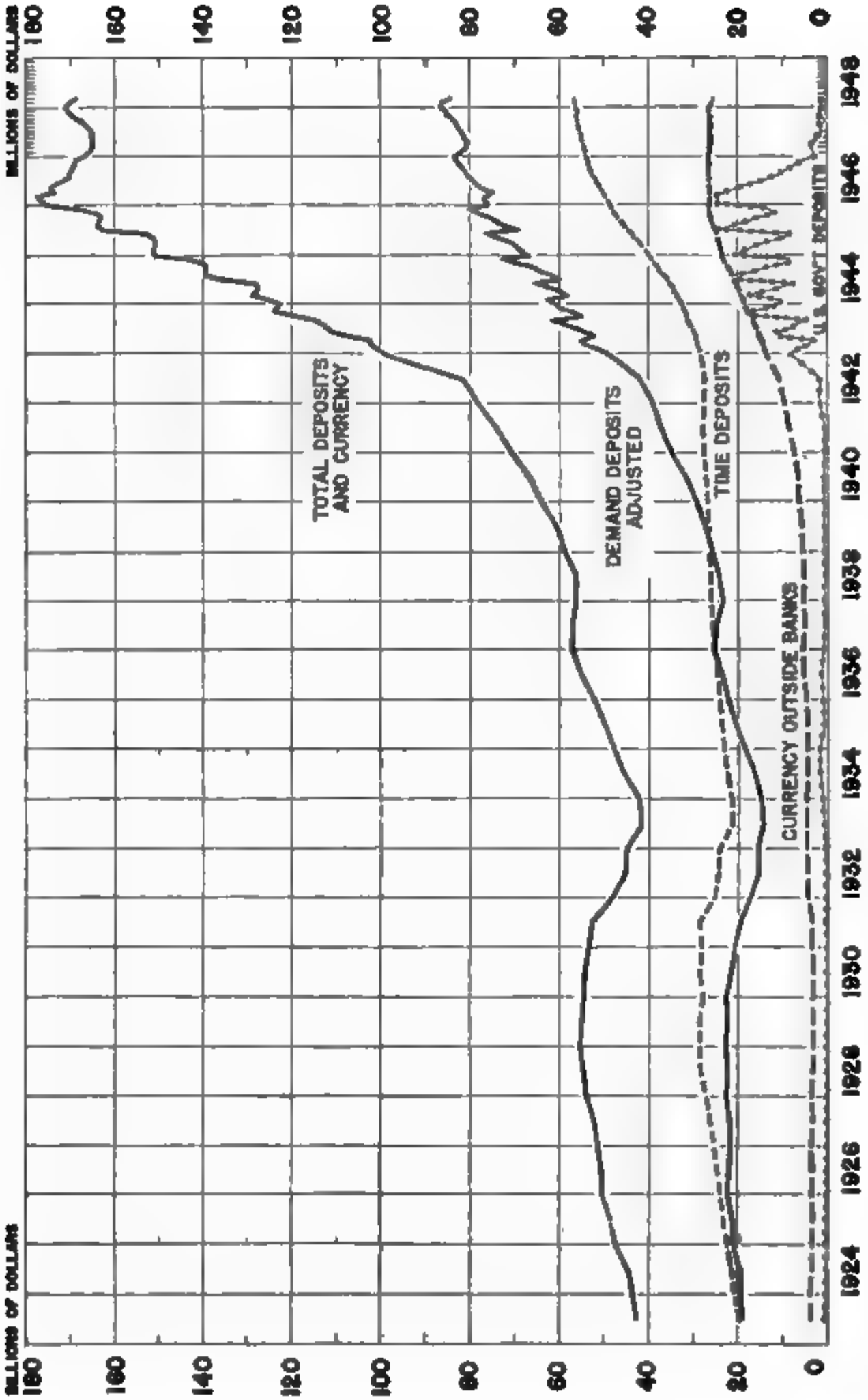
DATE	Total	Gold coin <sup>1</sup>	Gold certificates	Silver dollars	Silver certificates	Treasury notes of 1890	Subsidiary silver	Minor coin	United States notes	Federal Reserve notes	Federal Reserve Bank notes	National bank notes
June 30:												
1930.....	4,522.0	357.2	994.8	38.6	386.9	1.3	281.2	117.4	288.4	1,402.1	3.2	650.8
1931.....	4,821.9	363.0	996.5	34.3	377.1	1.2	273.1	117.4	299.4	1,708.4	2.9	648.4
1932.....	5,695.2	452.8	715.7	30.1	352.6	1.2	256.2	113.6	289.1	2,780.2	2.7	700.9
1933.....	5,720.8	320.9	265.5	28.0	360.7	1.2	256.9	112.5	268.8	3,060.8	125.8	919.6
1934.....	5,373.5	.....	149.7	30.0	401.5	1.2	280.4	119.1	279.6	3,068.4	141.6	901.9
1935.....	5,567.1	.....	117.2	32.3	701.5	1.2	295.8	125.1	285.4	3,222.9	81.5	704.3
1936.....	6,241.2	.....	100.8	35.0	954.6	1.2	316.5	134.7	278.2	4,002.2	52.0	866.1
1937.....	6,447.1	.....	88.1	38.0	1,078.1	1.2	340.8	144.1	281.5	4,168.8	37.6	268.9
1938.....	6,460.9	.....	78.5	39.4	1,230.2	1.2	341.9	145.6	262.2	4,114.3	30.1	217.4
1939.....	7,046.7	.....	71.9	42.4	1,453.6	1.2	361.2	154.9	266.0	4,483.6	25.6	186.5
1940.....	7,847.5	.....	66.8	46.0	1,581.7	1.2	384.2	169.0	247.9	5,163.3	22.4	165.2
1941.....	9,612.4	.....	62.9	53.0	1,713.5	1.2	433.5	194.0	299.5	6,684.2	20.3	150.5
1942.....	12,382.9	.....	59.4	66.1	1,754.3	1.2	503.9	213.1	316.9	9,310.1	18.7	139.1
1943.....	17,421.3	.....	56.9	83.7	1,648.6	1.2	610.0	235.7	322.3	13,746.6	584.2	132.1
1944.....	22,504.3	.....	54.0	103.3	1,587.7	1.2	700.0	262.8	322.3	18,750.2	597.0	125.9
1945.....	26,746.4	.....	52.1	125.2	1,650.7	1.2	788.3	292.0	322.6	22,867.5	527.0	120.0
1946.....	28,245.0	.....	50.2	140.3	2,025.2	1.1	843.1	317.0	316.7	23,973.0	464.3	113.9
1947.....	28,297.2	.....	47.8	148.5	2,060.7	1.1	876.0	331.0	320.4	23,999.0	406.3	106.4
Dec. 31:												
1946.....	28,952.4	.....	49.2	147.6	2,009.4	1.1	882.0	331.4	315.9	24,671.8	434.0	110.0
1947.....	28,867.6	.....	46.7	154.0	2,039.2	1.1	907.5	342.8	313.4	24,581.7	378.4	102.7

<sup>1</sup> Under orders of Secretary of Treasury of Dec. 28, 1933, and Jan. 11 and 15, 1934, all gold coin domestically owned (with minor exceptions) was required to be delivered to Treasurer of U. S., and under Gold Reserve Act of 1934 (Jan. 30) withdrawn from circulation and formed into bars. Gold coin (\$287,000,000) shown on Treasury records as then outstanding was dropped from statement as of Jan. 31, 1934.

Source: Treasury Department; Annual Report of the Secretary, Circulation Statement of United States Money, published monthly.

FIGURE P.—DEPOSITS AND CURRENCY OF ALL BANKS: 1923 TO 1948

[Data as of June and December, 1923-42, end of month, 1943-46; last Wednesday of month thereafter]



## No. 414.—MONEY—STOCK, BY KIND: 1860 TO 1947

[Amounts in thousands of dollars. Figures prior to 1890 revised in 1925 from best available data. Older records, especially 1860 through early 70's, not complete; gold and silver figures estimated for those years. In 1927, data revised to include minor coins beginning 1900 (no satisfactory data available for earlier years) and gold coin and bullion held abroad for Federal Reserve Banks and to exclude gold earmarked for foreign account.]

JUNE 30—	Total <sup>1</sup>	Gold coin and bullion <sup>2</sup>	Silver dollars and bullion	Subsidiary silver	United States notes	Minor coin <sup>3</sup>	Other United States currency	State bank notes	National bank notes	Percentage of gold to total money
1860	442,102	314,000		21,000				207,102		48.41
1865	1,180,197	180,000		9,500	431,085	25,006	286,557	142,220	146,188	16.01
1870	899,876	180,500		10,000	356,000	39,879	2,507	2,223	299,767	21.06
1875	925,702	121,135	2,743	28,000	375,772	42,129	551	964	354,408	13.00
1880	1,185,550	351,841	69,660	72,862	346,681				344,505	29.68
1885	1,537,434	588,697	208,539	74,940	346,681				318,577	38.29
1890	1,685,128	695,563	380,083	76,825	346,681				185,971	41.28
1895	1,819,890	656,256	547,777	76,954	346,681				211,691	34.97
1900	2,365,220	1,034,384	566,131	82,864	346,681	26,520			309,040	43.71
1905	3,919,494	1,357,656	568,229	114,824	346,681	36,384			456,720	46.50
1906	3,109,360	1,476,707	568,252	118,225	346,681	39,403			561,112	47.46
1907	3,188,111	1,468,389	568,250	130,452	346,681	42,550			603,789	46.43
1908	3,423,068	1,618,133	568,260	147,356	346,681	44,304			698,354	47.27
1909	3,451,521	1,642,042	568,277	159,409	346,681	45,193			689,920	47.57
1910	3,466,856	1,636,043	568,278	155,159	346,681	47,264			713,431	47.19
1911	3,606,969	1,753,197	568,279	159,607	346,681	51,028			728,195	48.01
1912	3,701,965	1,818,188	568,278	170,588	346,681	53,004			745,135	49.11
1913	3,777,021	1,870,702	568,273	175,196	346,681	56,951			759,158	49.53
1914	3,797,825	1,890,657	568,272	182,007	346,681	59,536			750,672	49.78
1915	4,080,783	1,985,539	568,272	185,430	346,681	61,327			819,274	49.02
1916	4,541,730	2,444,636	568,271	188,890	346,681	63,909	84,261	9,000	744,175	53.83
1917	5,678,774	3,220,242	568,270	198,275	346,681	69,688	179,168	12,790	715,420	56.71
1918	6,906,237	3,162,808	499,516	231,857	346,681	78,146	547,408	13,444	724,205	45.80
1919	7,688,413	3,113,306	308,146	242,870	346,681	82,909	1,847,560	187,667	719,277	40.49
1920	8,188,496	2,865,482	298,857	258,855	346,681	92,479	2,687,557	201,226	719,038	35.12
1921	8,174,528	3,274,730	288,788	271,314	346,681	96,522	3,408,877	150,772	743,290	40.06
1922	8,276,070	3,784,632	381,174	271,211	346,681	98,563	3,060,430	80,495	758,202	45.73
1923	8,702,786	4,049,554	491,887	299,186	346,681	99,056	2,565,082	22,063	747,440	46.53
1924	8,846,542	4,488,391	503,755	277,614	346,681	102,445	2,676,902	10,596	779,012	50.74
1925	8,299,382	4,860,382	522,061	283,472	346,681	104,004	2,339,048	7,176	733,366	52.54
1926	8,426,971	4,447,397	533,491	288,923	346,681	106,991	1,942,240	5,713	702,669	52.76
1927	8,667,282	4,587,298	537,944	295,590	346,681	113,295	1,995,208	4,854	704,146	52.93
1928	8,118,091	4,109,163	539,962	299,010	346,681	116,689	2,077,473	4,153	699,621	50.62
1929	8,538,798	4,324,351	539,961	304,187	346,681	120,640	2,002,811	3,711	704,294	50.64
1930	8,806,564	4,534,865	539,960	310,978	346,681	126,001	2,194,070	2,260	696,317	54.59
1931	9,079,624	4,655,921	539,958	306,019	346,681	126,887	1,745,501	2,974	697,004	54.58
1932	9,004,505	3,918,596	540,008	304,883	346,681	126,493	2,101,578	2,772	736,674	43.52
1933	10,079,417	4,317,554	540,007	296,834	346,681	126,746	3,028,897	141,326	970,601	42.84
1934	13,634,381	7,856,181	541,567	296,892	346,681	127,711	3,336,866	160,606	954,695	57.62
1935	15,113,035	9,115,643	558,951	312,416	346,681	133,040	3,350,988	84,354	799,096	60.32
1936	17,402,493	10,008,417	1,255,291	331,716	346,681	139,057	3,492,854	53,300	371,722	60.96
1937	19,376,690	12,318,271	1,382,276	358,899	346,681	150,954	4,294,310	38,472	272,164	63.57
1938	20,096,865	12,962,954	1,584,243	373,461	346,681	157,183	4,508,973	30,840	220,688	64.50
1939	23,754,736	16,110,079	1,777,664	379,812	346,681	161,147	4,420,815	26,074	189,292	67.82
1940	28,457,960	19,963,091	1,900,240	402,261	346,681	173,909	4,763,969	22,809	167,190	70.15
1941	32,774,611	22,624,198	1,982,967	447,248	346,681	199,384	5,481,778	20,704	151,909	69.03
1942	35,840,906	22,736,705	2,052,922	529,814	346,681	224,748	7,001,521	18,976	140,337	63.44
1943	40,868,266	22,387,522	2,058,742	659,969	346,681	244,850	9,790,727	632,971	133,358	54.78
1944	44,803,301	21,173,066	2,014,472	734,486	346,681	276,393	14,404,174	605,011	127,218	47.26
1945	48,009,400	20,212,973	2,014,238	825,798	346,681	303,539	19,527,974	533,979	121,215	42.10
1946	48,648,011	20,209,934	2,402,679	878,958	346,681	325,978	23,650,975	469,343	115,114	40.83
1947	50,599,352	21,266,400	2,417,375	922,656	346,681	348,889	24,839,323	409,443	107,323	42.06
Dec. 31.										
1946	50,832,870	20,528,979	2,404,712	915,066	346,681	343,713	24,780,495	440,556	111,536	40.89
1947	53,021,734	22,753,887	2,431,080	941,767	346,681	354,459	25,741,607	383,659	104,217	42.91

<sup>1</sup> Totals involve duplication to extent that United States notes, Federal Reserve notes, Federal Reserve Bank notes, and national bank notes, all included in full, are in part secured by gold, also included in full. Gold certificates, silver certificates, and Treasury notes of 1890 excluded, since they are complete duplications of equal amounts of gold or silver held as security therefor and included in totals.

<sup>2</sup> By proclamation of the president dated Jan. 31, 1934, weight of gold dollar reduced from 25.8 to 155 $\frac{1}{2}$  grains of gold, 0.9 fine. Hence, value of gold based on \$35 per fine ounce beginning June 1934, theretofore, based on \$20.67 per fine ounce.

<sup>3</sup> Includes fractional paper currency in circulation prior to 1878.

<sup>4</sup> Silver bullion in Treasury.

<sup>5</sup> Includes silver bullion as follows: As of June 30: 1934, \$1,560,000; 1935, \$313,309,000; 1936, \$706,211,000; 1937, \$835,196,000; 1938, \$1,037,163,000; 1939, \$1,230,586,000; 1940, \$1,553,162,000; 1941, \$1,435,909,000; 1942, \$1,508,544,000; 1943, \$1,519,746,000; 1944, \$1,520,134,000; 1945, \$1,520,295,000; 1946, \$1,909,099,000; 1947, \$1,923,913,000. As of Dec. 31: 1946, \$1,911,167,000; 1947, \$1,937,618,000.

Source: Treasury Department, Annual Report of the Secretary, Circulation Statement of United States Money published monthly.

# No. 415.—MONEY IN CIRCULATION, MONEY HELD IN TREASURY AND IN FEDERAL RESERVE SYSTEM, AND TOTAL STOCK: 1800 TO 1947

[All figures except per capita in thousands of dollars. In conformity with revisions in form of circulation statement in 1922 and 1927, figures for 1913 on have been compiled to include in holdings of Federal Reserve Banks and agents, and, hence, in stock of money, gold bullion and foreign gold coin held by Federal Reserve Banks and agents. Figures were also revised to include in holdings of Federal Reserve Banks and agents, and, hence, exclude from circulation, all forms of money held by them whether as reserve against Federal Reserve notes or otherwise. See also headnote, table 414. Per capita figures for 1800-40 based on Bureau of Census population figures for continental U. S. on census dates. Per capita figures for 1860-1947 revised in accordance with Bureau of Census estimated population for continental U. S. as of July 1 and Dec. 31]

JUNE 30—	Stock of money in United States <sup>1</sup>	MONEY HELD IN TREASURY					MONEY OUTSIDE TREASURY <sup>1</sup>		
		Total	In trust against gold and silver certificates <sup>2</sup>	Gold reserve against United States notes <sup>3</sup>	Held for Federal Reserve Banks and agents	All other money	Held by Federal Reserve Banks and agents	In circulation	
								Amount <sup>4</sup>	Per capita (dollars)
1800.....	28,000	1,600				1,600		26,500	4.98
1810.....	58,000	3,000				3,000		55,000	7.60
1820.....	69,100	2,000				2,000		67,100	8.96
1830.....	93,100	5,755				5,755		87,344	6.78
1840.....	189,989	3,664				3,664		186,325	10.91
1850.....	285,367	6,605				6,605		278,762	11.98
1860.....	442,102	6,695				6,695		435,407	13.33
1865.....	1,180,197	96,657				96,657		1,083,541	20.35
1870.....	899,876	156,094	32,085			124,910		774,966	19.45
1875.....	925,702	109,461	17,549			91,912		833,789	18.80
1880.....	1,185,550	225,922	13,753	100,000		112,169		973,382	19.37
1885.....	1,537,434	473,136	228,261	100,000		144,865		1,292,569	22.51
1890.....	1,685,123	684,259	428,387	100,000		155,872		1,429,251	22.87
1895.....	1,819,300	701,339	483,947	100,000		117,391		1,601,958	23.02
1900.....	2,366,220	960,492	684,503	150,000		134,950		2,081,231	27.35
1905.....	2,919,494	1,243,501	949,347	150,000		145,153		2,623,340	31.30
1910.....	3,466,856	1,603,186	1,285,014	150,000		168,172		3,148,684	34.07
1915.....	4,050,783	1,967,655	1,519,429	152,977		195,259	282,965	3,319,582	33.01
1916.....	4,541,730	2,356,536	2,057,409	152,979		146,147	593,345	3,849,258	33.79
1917.....	5,678,774	2,859,396	2,063,391	152,979	526,295	116,731	816,365	4,066,404	39.32
1918.....	6,906,237	2,976,251	1,407,694	152,979	1,205,082	210,496	855,964	4,481,697	42.87
1919.....	7,668,413	2,907,812	966,673	152,979	1,416,086	432,074	810,636	4,876,636	46.43
1920.....	8,158,496	2,379,664	704,638	152,979	1,184,276	337,771	1,015,881	5,467,669	51.36
1921.....	8,174,528	2,921,089	919,643	152,979	1,537,857	310,610	1,262,089	4,910,992	45.25
1922.....	8,276,070	3,515,583	1,000,578	152,979	2,108,887	253,139	1,297,693	4,463,172	40.55
1923.....	8,702,788	3,521,846	1,150,166	152,979	2,286,170	233,526	1,307,696	4,623,275	43.06
1924.....	8,846,542	4,248,438	1,628,139	152,979	2,260,891	206,429	1,376,935	4,849,307	43.50
1925.....	8,299,382	4,176,381	2,059,790	153,621	1,752,744	210,217	1,367,591	4,815,306	41.57
1926.....	8,428,971	4,210,358	2,139,770	154,189	1,717,348	199,050	1,473,118	4,885,266	41.61
1927.....	8,667,282	4,159,066	2,096,203	153,421	1,712,003	195,427	1,753,110	4,851,321	40.73
1928.....	8,116,091	3,725,650	1,986,761	153,039	1,387,650	195,199	1,582,876	4,796,626	39.81
1929.....	8,538,796	3,769,686	1,854,373	156,039	1,562,426	217,049	1,856,986	4,746,297	38.98
1930.....	8,306,564	4,021,937	1,978,448	156,039	1,796,239	91,211	1,741,087	4,521,965	36.74
1931.....	9,079,624	4,237,735	2,196,103	156,039	1,776,690	98,902	2,226,059	4,821,933	38.87
1932.....	9,004,503	3,493,122	1,979,137	156,039	1,236,737	122,209	1,795,349	5,695,171	45.62
1933.....	10,078,417	3,797,692	1,711,721	156,039	1,771,456	158,448	2,271,662	5,720,764	45.86
1934.....	12,634,381	6,408,392	5,453,713	156,039	<sup>5</sup> 5,999,655	2,798,640	1,305,985	5,373,470	42.52
1935.....	15,113,035	9,497,362	7,131,431	156,039	<sup>5</sup> 5,632,690	2,709,891	1,147,422	5,567,093	43.73
1936.....	17,402,499	11,851,635	9,355,224	156,039	<sup>5</sup> 5,304,067	2,340,372	3,360,854	6,241,200	49.74
1937.....	19,376,690	13,685,480	10,240,064	156,039	<sup>5</sup> 6,030,913	3,288,477	3,454,205	6,447,066	50.05
1938.....	20,096,865	14,535,627	12,233,068	156,039	<sup>5</sup> 7,699,338	2,146,520	3,603,576	6,460,891	49.77
1939.....	23,754,736	17,862,671	15,299,262	156,039	<sup>5</sup> 10,708,118	2,407,369	3,436,467	7,046,743	53.84
1940.....	28,457,960	21,836,986	19,651,067	156,039	<sup>5</sup> 14,258,895	2,029,829	3,485,696	7,847,601	59.48
1941.....	32,774,611	24,575,186	22,300,087	156,039	<sup>5</sup> 17,506,167	2,119,059	3,380,914	9,612,433	72.16
1942.....	35,840,908	24,783,526	22,696,352	156,039	<sup>5</sup> 17,760,403	2,031,135	3,520,465	12,362,866	91.96
1943.....	40,866,266	24,450,764	22,199,035	156,039	<sup>5</sup> 17,408,945	2,111,690	3,770,331	17,421,200	127.63
1944.....	44,805,301	23,173,693	20,878,641	156,039	<sup>5</sup> 16,194,111	2,139,012	3,811,797	22,504,342	162.98
1945.....	48,009,400	22,202,115	19,923,738	156,039	<sup>5</sup> 16,239,072	2,122,338	3,745,512	26,746,438	191.56
1946.....	49,548,011	22,649,365	20,397,883	156,039	<sup>5</sup> 16,287,592	2,095,441	3,863,941	28,244,997	200.00
1947.....	50,899,352	23,633,353	22,318,580	156,039	<sup>5</sup> 17,223,653	1,153,433	3,763,994	28,297,227	196.42
Dec. 31:									
1946.....	50,832,870	22,919,969	20,645,424	156,039	<sup>5</sup> 16,565,864	2,115,805	4,043,025	28,962,437	204.42
1947.....	53,021,734	25,128,182	23,791,800	156,039	<sup>5</sup> 18,881,854	1,180,342	4,135,967	28,867,532	196.62

<sup>1</sup> Gold and silver certificates and Treasury notes of 1890 excluded before combining money outside Treasury with money in Treasury in order to avoid duplication, since gold and silver held in Treasury as security against these currencies are included. See also notes 1 and 2, table 414.

<sup>2</sup> Both items include also reserve against Treasury notes of 1890.

<sup>3</sup> See note 1, table 413.

<sup>4</sup> Includes total stock of silver dollars and subsidiary silver.

<sup>5</sup> Gold certificates. Amount excluded from total since gold held as security against gold certificates is included in column, "In trust against gold and silver certificates."

Source: Treasury Department; Annual Report of the Secretary, Circulation Statement of United States Money published monthly.

# No. 416.—ALL ACTIVE BANKS—PRINCIPAL ASSETS AND LIABILITIES, BY CLASS OF BANKS: 1840 TO 1946

[Includes banks in Alaska, Hawaii, Puerto Rico, Philippine Islands (through 1941), and beginning with 1935, those in Virgin Islands and with 1938, those in Canal Zone, Guam (except 1942-44), and American Samoa. Data for banks other than national for earlier years are not as of June 30 and are incomplete, especially through 1885. Figures for mutual savings banks include some stock savings banks for years prior to 1910 and also a few in several more recent years. Private banks are not included prior to 1890; statistics for private banks, except for 1934 and 1935, cover only banks under State supervision and those voluntarily reporting; for 1934 and 1935 they include also private banks which submitted reports to the Comptroller of the Currency under provisions of the Banking Act of 1933]

[Money figures in millions of dollars]

ON OR ABOUT JUNE 30—	Number of banks	Loans and discounts including overdrafts <sup>1</sup>	U. S. Govt. and other securities <sup>2</sup>	Cash and balances with other banks <sup>3,4</sup>	Total assets or liabilities <sup>5</sup>	Capital stock <sup>6</sup>	Surplus, undivided profits, and reserve <sup>7</sup>	Circulation <sup>8</sup>	Total deposits <sup>9</sup>
<b>All banks:</b>									
1840.....	901	462.9	42.4	98.7	657.8	355.4	—	107.0	119.9
1850.....	824	364.2	20.6	114.9	532.3	217.3	—	131.4	146.3
1860.....	1,562	691.9	70.3	195.7	999.9	421.9	—	207.1	309.7
1865 <sup>10</sup> .....	1,643	517.5	412.3	392.0	1,357.4	397.0	54.5	179.7	689.0
1870 <sup>10</sup> .....	1,937	863.8	469.7	405.6	1,780.8	512.7	134.6	336.1	775.1
1875.....	3,336	1,745.0	601.9	540.4	3,204.7	692.5	254.3	318.3	2,008.5
1880.....	3,355	1,662.3	904.2	666.6	3,269.9	665.2	260.3	318.4	2,222.1
1885.....	4,350	2,272.2	1,042.0	902.0	4,426.8	678.0	362.0	299.2	3,078.2
1890.....	8,201	3,853.5	1,173.2	1,123.4	6,257.6	973.4	584.8	126.4	4,576.4
1895.....	9,818	4,268.9	1,565.3	1,442.0	7,609.5	1,080.3	699.4	178.8	5,538.5
1900.....	10,382	5,557.7	2,496.4	2,254.0	10,785.8	1,024.7	—	265.3	8,513.0
1905.....	15,410	9,027.3	3,953.0	3,349.5	16,918.2	1,463.2	1,439.5	445.5	13,332.8
1910.....	23,095	12,521.8	4,687.8	4,437.3	22,450.3	1,879.9	1,955.6	675.6	17,584.2
1915.....	27,062	15,758.7	5,840.1	4,068.5	27,804.1	2,162.8	2,372.7	722.7	22,031.7
1920.....	30,139	30,650.1	11,252.0	8,367.4	52,828.2	2,702.6	3,251.3	688.2	41,725.2
1925.....	28,841	33,598.5	15,374.9	9,906.8	61,898.1	3,169.7	4,180.8	648.5	51,995.1
1930.....	24,079	40,510.1	17,944.7	11,178.0	73,462.4	3,889.4	6,392.1	652.3	59,847.3
1934 <sup>11</sup> .....	16,894	21,431.2	21,289.5	10,215.7	56,157.6	3,555.8	4,294.0	698.2	46,625.0
1935.....	16,053	20,419.3	24,217.2	12,397.5	68,396.9	3,065.4	4,230.3	222.1	51,566.1
1936.....	15,803	20,839.2	27,659.5	15,122.4	67,188.2	3,421.2	4,549.9	—	58,339.8
1937.....	15,580	22,696.2	27,274.1	15,628.6	68,924.8	3,260.7	4,985.8	—	59,822.4
1938.....	15,341	21,311.2	26,345.5	17,470.7	68,777.7	3,204.8	4,977.2	—	59,379.8
1939.....	15,146	21,516.3	28,385.9	20,626.6	73,601.3	3,160.1	5,134.1	—	64,576.7
1940.....	15,017	22,557.7	29,074.9	25,683.9	80,213.6	3,091.8	5,233.3	—	71,153.5
1941.....	14,919	26,543.4	32,729.7	26,879.3	87,828.7	3,055.0	5,469.5	—	78,549.3
1941 (Dec. 31).....	14,885	26,838.4	34,589.3	27,487.4	91,453.7	3,034.4	5,460.8	—	82,233.3
1942 (Dec. 31).....	14,722	24,001.1	34,371.4	28,835.4	109,542.6	2,985.4	5,619.8	—	100,265.6
1943 (Dec. 31).....	14,621	23,674.5	73,726.2	26,612.2	128,122.0	3,011.6	6,034.1	—	118,336.1
1944 (Dec. 30).....	14,579	26,101.6	94,011.0	30,977.2	152,947.2	3,033.0	6,649.2	—	142,810.8
1945 (Dec. 31).....	14,596	30,466.9	110,515.7	35,614.8	178,351.1	3,187.4	7,424.2	—	166,530.1
1946 (Dec. 31).....	14,633	35,822.9	96,536.7	35,217.5	169,406.4	3,299.5	8,138.5	—	156,801.4
<b>National banks:</b>									
1865.....	1,294	362.4	194.0	—	1,126.5	325.8	54.5	131.5	614.2
1870.....	1,612	719.3	452.7	360.8	1,566.8	427.2	134.6	291.2	705.5
1875.....	2,076	972.9	442.8	431.9	1,913.2	501.6	185.3	318.1	897.4
1880.....	2,076	994.7	461.5	517.5	2,035.5	455.9	166.5	318.1	1,065.1
1885.....	2,669	1,257.7	432.2	663.1	2,421.9	526.3	196.8	269.1	1,419.6
1890.....	3,484	1,823.5	310.7	730.3	3,061.8	642.1	292.5	126.3	1,978.8
1895.....	3,715	2,016.6	447.2	893.6	3,470.6	658.2	329.0	178.8	2,278.9
1900.....	3,732	2,644.2	774.6	1,400.3	4,944.2	621.5	391.5	265.3	3,621.5
1905.....	5,668	3,929.5	1,304.5	1,982.9	7,327.8	791.6	615.3	445.5	5,497.5
1910.....	7,145	5,455.9	1,576.3	2,549.9	9,896.6	969.6	861.4	675.6	7,257.0
1915.....	7,605	6,665.1	2,026.5	2,697.0	11,795.7	1,068.5	1,036.8	722.7	8,821.2
1920.....	8,030	13,502.1	4,050.9	4,495.4	23,276.8	1,234.2	1,397.9	688.2	17,166.6
1925.....	8,072	12,596.2	5,705.2	4,791.9	24,263.7	1,369.4	1,609.6	648.5	19,921.8
1930.....	7,252	14,897.2	6,888.2	5,415.3	28,572.4	1,744.0	2,232.2	652.3	23,368.9
1934 <sup>11</sup> .....	6,422	7,697.7	9,348.6	5,697.0	23,902.2	1,737.6	1,263.2	696.3	19,932.7
1935.....	5,431	7,368.7	10,716.4	5,868.2	26,066.5	1,809.5	1,270.9	221.1	22,518.2
1936.....	5,374	7,763.3	12,482.6	5,381.4	29,696.8	1,091.4	1,474.4	—	26,200.5
1937.....	5,299	8,812.9	12,122.3	5,377.9	30,328.8	1,562.1	1,630.0	—	26,765.9
1938.....	5,246	8,334.6	11,644.3	9,450.6	30,377.6	1,572.9	1,700.9	—	26,815.9
1939.....	5,209	8,573.7	12,552.9	11,074.8	33,180.6	1,563.0	1,626.5	—	29,469.5
1940.....	5,170	9,179.2	12,905.3	13,877.1	36,885.1	1,534.6	1,941.8	—	33,074.4
1941.....	5,136	10,922.5	14,954.8	14,521.7	41,314.6	1,523.4	2,074.8	—	37,351.3
1941 (Dec. 31).....	5,123	11,751.8	15,887.5	15,061.9	43,538.2	1,515.8	2,133.3	—	39,554.8
1942 (Dec. 31).....	5,067	10,200.8	27,482.8	16,250.3	54,781.0	1,503.7	2,234.7	—	50,648.8
1943 (Dec. 31).....	5,046	10,133.5	37,504.3	16,060.7	64,531.9	1,531.5	2,427.9	—	60,156.2
1944 (Dec. 30).....	5,031	11,497.5	47,022.3	17,637.2	76,949.9	1,566.9	2,706.0	—	72,128.9
1945 (Dec. 31).....	5,023	13,948.0	55,811.6	20,178.8	90,535.8	1,668.8	2,996.9	—	85,243.0
1946 (Dec. 31).....	5,013	17,309.8	46,642.8	20,067.2	94,850.3	1,756.6	3,393.2	—	79,049.9

For footnotes, see p. 411.

# No. 416.—ALL ACTIVE BANKS—PRINCIPAL ASSETS AND LIABILITIES, BY CLASS OF BANKS: 1840 TO 1946—Continued

(Money figures in millions of dollars)

ON OR ABOUT JUNE 30—	Num- ber of banks	Loans and dis- counts includ- ing over- drafts <sup>1</sup>	U. S. Govt. and other securi- ties <sup>2</sup>	Cash and balances with other banks <sup>3,4</sup>	Total assets or li- abilities <sup>4</sup>	Capital stock <sup>5</sup>	Surplus, undiv- ided profits, and reserve <sup>6</sup>	Circu- lation <sup>7</sup>	Total depos- its <sup>8</sup>
<b>State (commercial banks):<sup>10</sup></b>									
1840	901	462.9	42.4	98.7	607.7	1 858.4	—	107.0	119.9
1850	824	364.2	20.6	114.9	532.3	1 217.3	—	131.4	146.3
1860	1,562	691.9	70.3	193.7	960.9	1 421.9	—	207.1	209.7
1865 <sup>11</sup>	349	155.1	18.3	48.1	231.0	1 71.2	—	—	74.7
1870 <sup>11</sup>	325	144.4	17.1	44.8	215.1	1 86.5	—	44.9	69.8
1875	686	242.6	63.4	67.2	395.2	90.9	22.4	.2	361.7
1880	650	262.1	61.9	109.9	481.8	109.3	35.8	.3	317.9
1885	1,015	490.9	90.8	179.4	862.0	151.7	61.4	.1	563.4
1890	2,722	1,116.1	168.2	287.6	1,644.1	290.3	132.5	.1	1,156.1
1895	4,399	1,343.8	309.8	431.3	2,251.8	388.8	202.0	—	1,578.3
1900	5,009	1,933.5	589.9	707.0	3,378.4	383.8	296.6	—	2,659.0
1905	9,046	3,720.9	1,281.7	1,190.1	6,457.8	649.1	596.9	—	5,058.8
1910	14,378	5,230.3	1,424.9	1,895.2	8,741.2	871.5	793.0	—	6,840.3
1915	17,791	6,906.6	1,928.4	2,133.2	11,511.4	1,073.8	963.4	—	9,123.7
1920	20,690	14,427.8	4,452.6	3,808.0	23,720.3	1,455.1	1,414.4	—	19,199.7
1925	19,635	16,738.7	6,283.4	4,844.3	29,566.3	1,789.5	1,620.0	—	24,704.0
1930	16,860	19,651.4	7,162.4	5,450.9	34,180.0	2,138.9	2,082.6	—	27,381.4
1934 <sup>11</sup>	9,658	7,953.6	7,425.0	3,913.7	20,659.6	1,736.7	1,736.8	—	16,844.6
1935	9,808	7,586.9	8,590.0	4,915.1	22,441.0	1,701.3	1,665.2	—	18,636.8
1936	9,732	7,854.3	10,092.9	6,063.7	26,351.3	1,664.8	1,716.1	—	21,496.3
1937	9,532	8,766.1	9,489.4	6,566.4	26,146.1	1,608.0	1,913.5	—	22,192.7
1938	9,458	7,953.4	9,156.7	7,315.0	25,700.0	1,575.4	1,904.2	—	21,653.6
1939	9,321	7,975.8	9,937.1	8,717.6	27,844.7	1,545.8	1,925.1	—	24,009.0
1940	9,239	8,403.6	10,631.6	10,781.9	31,193.9	1,540.2	1,967.6	—	27,302.1
1941	9,179	9,008.7	12,342.4	11,341.7	34,334.6	1,517.6	2,072.0	—	30,397.0
1941 (Dec. 31)	9,162	10,130.2	13,151.4	11,638.0	35,915.3	1,505.5	2,078.6	—	31,963.5
1942 (Dec. 31)	9,047	9,058.4	20,759.3	11,874.2	42,650.1	1,469.2	2,140.4	—	38,800.4
1943 (Dec. 31)	8,969	9,009.9	28,743.3	11,686.1	50,349.9	1,468.8	2,322.6	—	46,276.5
1944 (Dec. 30)	8,971	10,187.8	37,321.8	12,707.3	61,001.4	1,475.3	2,546.5	—	56,623.8
1945 (Dec. 31)	9,008	12,184.7	42,854.6	14,772.7	70,555.2	1,517.7	2,825.7	—	65,694.5
1946 (Dec. 31)	9,052	13,924.5	36,687.1	14,963.3	65,581.1	1,531.7	2,950.8	—	60,649.9
<b>Mutual savings banks:</b>									
1876	674	532.5	295.7	41.2	869.2	—	45.6	—	849.6
1890	629	385.4	390.8	30.1	801.7	—	56.0	—	819.1
1895	646	523.7	519.0	50.5	1,203.0	—	101.8	—	1,095.2
1899	627	695.6	686.1	69.3	1,486.6	—	145.4	—	1,336.1
1895	—	823.0	801.0	80.7	1,706.7	—	158.0	—	1,597.4
1900	652	1,001.6	1,128.1	114.0	2,336.5	—	195.6	—	2,134.7
1905	668	1,209.8	1,453.1	140.2	2,967.3	—	217.5	—	2,736.5
1910	688	1,727.2	1,676.1	160.7	3,662.4	—	299.3	—	3,360.6
1915	630	2,170.0	1,869.9	206.3	4,319.4	—	360.0	—	3,951.1
1920	620	2,591.5	2,718.3	226.7	5,619.0	—	422.5	—	5,187.1
1925	611	4,183.1	3,351.2	243.3	7,913.0	—	749.7	—	7,151.8
1930	606	5,896.0	3,872.4	296.9	10,295.3	—	1,068.7	—	9,215.9
1934 <sup>11</sup>	578	6,647.3	4,256.7	514.4	11,065.1	1 28.7	1,294.5	—	9,780.1
1935	571	5,342.5	4,511.4	522.8	11,172.5	1 25.6	1,199.1	—	9,919.8
1936	566	5,113.6	4,853.4	544.6	11,409.1	18.6	1,302.0	—	10,060.0
1937	564	5,011.0	5,178.0	529.1	11,644.7	17.0	1,386.8	—	10,213.4
1938	563	4,927.0	5,176.4	575.1	11,572.0	12.4	1,326.9	—	10,209.4
1939	562	4,895.4	5,353.5	—	11,746.8	9.9	1,335.3	—	10,432.3
1940	551	4,926.5	5,291.5	979.4	11,952.2	8.0	1,288.1	—	10,631.4
1941	550	4,956.0	5,362.2	968.1	11,996.1	7.1	1,309.8	—	10,648.5
1941 (Dec. 31)	548	4,904.6	5,473.8	795.2	11,808.1	6.8	1,237.4	—	10,533.1
1942 (Dec. 31)	537	4,693.8	6,092.6	661.3	11,906.8	6.1	1,230.7	—	10,640.9
1943 (Dec. 31)	537	4,474.6	7,375.4	795.7	13,023.9	4.9	1,268.9	—	11,717.1
1944 (Dec. 30)	533	4,362.3	9,543.6	582.3	14,761.3	4.9	1,370.3	—	13,350.6
1945 (Dec. 31)	534	4,271.8	11,905.4	607.3	16,987.1	4.9	1,584.9	—	15,354.6
1946 (Dec. 31)	533	4,515.3	13,187.5	816.4	18,665.0	4.9	1,778.5	—	16,835.3

For footnotes, see p. 411.



**No. 416.—ALL ACTIVE BANKS—PRINCIPAL ASSETS AND LIABILITIES, BY CLASS OF BANKS: 1840 TO 1946—Continued**

[Money figures in millions of dollars]

ON OR ABOUT JUNE 30—	Num- ber of banks	Loans and dis- counts includ- ing over- drafts <sup>1</sup>	U. S. Govt. and other securi- ties <sup>2</sup>	Cash and balances with other banks <sup>3, 4</sup>	Total assets or liabili- ties <sup>5</sup>	Capital stock <sup>6</sup>	Surplus, undiv- ided profits, and re- serve <sup>7</sup>	Circu- lation <sup>8</sup>	Total de- posits <sup>9</sup>
<b>Private banks:</b>									
1890.....	1,358	108.4	8.0	36.2	165.2	41.4	14.4	-----	105.4
1895.....	1,070	85.5	7.8	27.5	130.6	33.3	10.4	-----	84.1
1900.....	969	78.4	5.8	34.7	126.8	19.4	5.6	-----	97.7
1905.....	1,028	107.1	13.6	36.3	165.2	22.5	9.8	-----	130.0
1910.....	934	108.4	10.4	31.5	169.0	18.9	9.7	-----	126.4
1915.....	1,036	115.0	15.3	32.0	177.7	20.5	12.5	-----	135.7
1920.....	799	128.9	32.2	37.4	212.6	13.3	16.5	-----	171.8
1925.....	523	89.5	35.2	27.3	155.2	10.8	10.4	-----	127.5
1930.....	361	65.5	21.7	15.0	114.6	8.6	8.7	-----	81.0
1934 <sup>11</sup> .....	236	132.5	259.3	99.7	532.7	55.6	59.5	-----	367.7
1935.....	243	121.2	399.4	91.5	716.8	69.1	89.1	-----	511.5
1936.....	131	107.9	430.6	142.6	731.2	46.4	57.4	-----	583.1
1937.....	85	108.3	484.5	156.3	805.1	43.5	55.5	-----	650.3
1938.....	73	91.2	368.1	130.0	628.1	44.1	45.3	-----	500.7
1939.....	64	71.4	542.3	134.5	775.2	41.5	47.1	-----	665.5
1940.....	57	48.4	76.5	45.4	182.4	8.9	15.8	-----	145.5
1941.....	54	54.3	70.3	47.9	183.3	6.9	12.9	-----	152.5
1941 (Dec. 31).....	52	51.8	77.1	52.3	192.1	6.3	13.5	-----	161.9
1942 (Dec. 31).....	51	48.1	99.7	49.6	204.7	6.4	13.8	-----	175.5
1943 (Dec. 31).....	49	56.5	103.3	49.7	216.3	6.5	14.6	-----	186.4
1944 (Dec. 31).....	42	53.7	123.7	50.3	234.6	5.9	15.4	-----	205.4
1945 (Dec. 31).....	38	62.4	144.1	55.5	273.0	5.9	16.7	-----	238.1
1946 (Dec. 31).....	35	73.3	149.4	70.7	310.0	6.3	16.0	-----	267.4

<sup>1</sup> Acceptances of other banks and bills of exchange or drafts sold with endorsements are excluded for national and State banks beginning with 1920 and for other banks beginning with 1929.

<sup>2</sup> Securities borrowed excluded for national banks beginning with 1903 and for other banks beginning with 1929. Not reported separately for prior years.

<sup>3</sup> Includes lawful reserve, exchanges for clearing house, and all cash items except for 1936 to 1946, for which years cash items not in process of collection are excluded.

<sup>4</sup> Reciprocal interbank demand balances with banks in the U. S. are reported net, beginning 1942.

<sup>5</sup> Includes capital notes and debentures for banks other than national for 1934 to 1946.

<sup>6</sup> Interest, taxes, and other expenses accrued and unpaid are excluded for national banks beginning with 1920 and for other banks beginning with 1929.

<sup>7</sup> Figures for national banks represent national bank circulation only; comparatively small amounts of State bank notes outstanding for 1870 to 1910, for which national banks converted from State banks or merged with State banks assumed liability, are not included in the figures for national banks or for all banks.

<sup>8</sup> Capital only.

<sup>9</sup> Figures for State banks, except number of banks and capital, estimated.

<sup>10</sup> Includes capital only for banks other than national.

<sup>11</sup> Licensed banks; i. e., those operating on an unrestricted basis.

<sup>12</sup> U. S. Government securities only.

<sup>13</sup> Includes State bank circulation outstanding.

<sup>14</sup> Includes loan and trust companies, and with some exceptions (see headnote), stock savings banks.

<sup>15</sup> Figures given under capital for 1934 and 1935 include capital stock of one stock savings bank (see headnote).

Source: Treasury Department, Comptroller of the Currency; Annual Report.

No. 417.—ALL ACTIVE BANKS—ASSETS AND LIABILITIES: 1943 TO 1946

[Money figures in millions of dollars. Excludes banks in the Philippines and except for 1945, Guam]

ITEM	1943 (Dec. 31)	1944 (Dec. 30)	1945 (Dec. 31)	1946 (Dec. 31)
Number of banks.....	14, 621	14, 579	14, 598	14, 633
Assets, total.....	128, 122	152, 947	178, 351	169, 406
Loans, total.....	23, 675	26, 102	30, 467	35, 823
Loans on real estate.....	8, 941	8, 735	8, 980	11, 675
Commercial and industrial loans (including open-market paper).....	7, 878	8, 033	9, 600	14, 237
Other loans, including overdrafts.....	6, 855	9, 334	11, 887	9, 911
Securities, total.....	73, 726	94, 011	110, 516	96, 637
U. S. Government obligations, direct and guaranteed.....	66, 259	86, 415	101, 904	87, 094
Obligations of States and political subdivisions.....	3, 564	3, 659	4, 063	4, 478
Other bonds, notes, and debentures.....	3, 352	3, 383	3, 991	4, 537
Corporate stocks, including stocks of Federal Reserve banks.....	551	554	538	528
Currency and coin.....	1, 612	1, 801	2, 025	2, 222
Balances with other banks, including reserve balances and cash items in process of collection.....	27, 000	29, 176	33, 589	32, 996
Bank premises owned, furniture and fixtures.....	1, 128	1, 066	1, 020	1, 017
Real estate owned other than bank premises.....	332	168	73	39
Investments and other assets indirectly representing bank premises or other real estate.....	102	86	77	71
Customers' liability on acceptances outstanding.....	49	68	76	134
Interest, commissions, rent, and other income earned or accrued but not collected.....	220	261	296	272
Other assets.....	278	209	212	195
Liabilities, total.....	119, 076	143, 254	167, 739	157, 968
Deposits, total.....	118, 336	142, 311	166, 530	156, 801
Deposits of individuals, partnerships, and corporations:				
Demand.....	59, 385	65, 316	73, 932	81, 328
Time.....	30, 725	37, 229	45, 292	50, 288
U. S. Government and postal savings deposits.....	10, 532	20, 926	24, 779	3, 193
Deposits of States and political subdivisions.....	4, 972	5, 196	5, 821	6, 912
Deposits of banks.....	11, 032	12, 264	14, 090	12, 680
Other deposits (certified and cashiers' checks, etc.).....	1, 690	1, 380	2, 616	2, 400
Bills payable, rediscounts, and other liabilities for borrowed money.....	52	126	227	48
Acceptances executed by or for account of reporting banks.....	60	78	87	151
Interest, discount, rent, and other income collected but not earned.....	45	48	59	104
Interest, taxes, and other expenses accrued and unpaid.....	208	294	383	402
Other liabilities.....	375	398	453	462
Capital accounts, total.....	9, 046	9, 693	10, 612	11, 438
Capital notes and debentures.....	90	82	72	68
Preferred stock.....	254	207	164	116
Common stock.....	2, 668	2, 764	2, 952	3, 116
Surplus.....	4, 105	4, 489	5, 004	5, 401
Undivided profits.....	1, 370	1, 574	1, 781	2, 049
Reserves and retirement account for preferred stock and capital notes and debentures.....	559	577	639	668

Source: Treasury Department, Comptroller of the Currency; Annual Report.

## ALL ACTIVE BANKS

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## No. 418.—ALL ACTIVE BANKS—SUMMARY, BY STATES: DEC. 31, 1946

[Money figures in millions of dollars]

DIVISION AND STATE OR TERRITORY	Number of banks	Loans and discounts, including overdrafts	U. S. Govt. and other securities	Cash and balances with other banks <sup>1</sup>	Total assets or liabilities	Capital, surplus, undivided profits and reserve <sup>2</sup>	DEPOSITS		
							Total	Demand	Time (incl. postal savings)
<b>Total</b> .....	<b>14,432</b>	<b>35,522.9</b>	<b>96,535.7</b>	<b>35,217.5</b>	<b>169,496.4</b>	<b>11,427.9</b>	<b>156,261.4</b>	<b>105,354.4</b>	<b>51,445.0</b>
<b>Continental U. S.</b> .....	<b>14,486</b>	<b>35,545.7</b>	<b>96,084.7</b>	<b>35,044.3</b>	<b>168,427.7</b>	<b>11,368.9</b>	<b>155,961.1</b>	<b>104,576.4</b>	<b>51,024.0</b>
<b>New England</b> .....	<b>886</b>	<b>3,086.4</b>	<b>8,577.4</b>	<b>1,776.2</b>	<b>13,592.2</b>	<b>1,211.4</b>	<b>12,293.1</b>	<b>5,177.4</b>	<b>7,115.6</b>
Maine.....	96	149.4	512.7	96.8	764.7	67.4	692.5	260.1	432.4
New Hampshire.....	106	196.8	374.2	65.0	580.1	56.8	522.4	148.9	373.5
Vermont.....	80	182.3	181.7	40.1	389.1	33.8	324.0	94.6	229.2
Massachusetts.....	377	1,914.4	4,831.9	1,034.8	7,889.1	700.0	7,113.8	3,225.0	3,888.8
Rhode Island.....	32	185.0	775.7	140.1	1,117.5	94.3	1,010.7	448.2	562.6
Connecticut.....	195	568.4	1,901.2	399.6	2,902.7	259.5	2,629.6	1,000.4	1,629.2
<b>Middle Atlantic</b> .....	<b>2,198</b>	<b>13,586.2</b>	<b>35,342.5</b>	<b>10,954.5</b>	<b>61,241.0</b>	<b>5,183.1</b>	<b>55,429.7</b>	<b>35,930.0</b>	<b>19,499.7</b>
New York.....	803	10,640.3	25,243.3	7,949.5	44,342.2	3,710.7	40,097.2	26,028.6	13,158.6
New Jersey.....	372	904.6	3,410.6	806.0	5,190.6	353.4	4,814.9	2,381.9	2,423.0
Pennsylvania.....	1,023	2,050.4	7,288.9	2,199.0	11,708.2	1,118.9	10,517.6	6,609.5	3,908.1
<b>E. North Central</b> .....	<b>3,632</b>	<b>5,690.1</b>	<b>17,578.9</b>	<b>6,817.4</b>	<b>29,191.5</b>	<b>1,683.2</b>	<b>28,294.7</b>	<b>18,872.3</b>	<b>9,422.4</b>
Ohio.....	677	1,555.5	4,229.3	1,563.6	7,423.5	433.6	6,954.1	4,250.6	2,703.5
Indiana.....	493	490.8	1,838.8	701.5	3,051.3	162.4	2,881.9	2,037.6	844.3
Illinois.....	671	2,208.1	6,602.7	2,765.8	11,647.2	647.6	10,944.5	8,358.8	2,587.7
Michigan.....	434	940.4	3,002.5	984.2	4,964.4	279.2	4,674.6	2,623.1	2,051.5
Wisconsin.....	558	485.3	1,904.7	602.3	3,015.1	169.8	2,839.6	1,694.2	1,235.4
<b>W. North Central</b> .....	<b>2,286</b>	<b>2,642.6</b>	<b>7,503.5</b>	<b>3,419.6</b>	<b>13,587.9</b>	<b>710.1</b>	<b>12,802.8</b>	<b>10,212.8</b>	<b>2,590.0</b>
Minnesota.....	678	583.0	1,739.5	665.8	3,009.1	171.2	2,823.1	1,877.0	948.0
Iowa.....	649	427.0	1,353.8	542.1	2,324.6	116.7	2,215.7	1,706.0	510.7
Missouri.....	596	994.7	2,057.9	1,156.6	4,238.6	224.7	3,986.1	3,384.6	601.5
North Dakota.....	161	41.9	394.5	113.5	532.2	24.6	524.7	393.1	133.6
South Dakota.....	169	68.4	290.0	115.6	476.8	21.2	454.6	377.3	77.3
Nebraska.....	409	198.3	759.7	370.8	1,323.5	83.1	1,264.5	1,130.5	134.0
Kansas.....	614	251.4	908.0	445.6	1,613.1	89.6	1,530.1	1,375.3	154.8
<b>South Atlantic</b> .....	<b>1,611</b>	<b>2,547.2</b>	<b>7,160.7</b>	<b>3,131.1</b>	<b>12,978.6</b>	<b>778.1</b>	<b>12,130.1</b>	<b>9,048.8</b>	<b>3,081.7</b>
Delaware.....	41	99.2	405.5	98.7	608.7	57.7	547.9	399.5	148.4
Maryland.....	179	336.1	1,370.2	390.0	2,110.0	154.1	1,948.9	1,126.0	822.9
Dist. of Columbia.....	20	175.3	621.7	276.5	1,091.1	63.6	1,021.9	799.2	222.7
Virginia.....	315	482.3	963.9	448.6	1,916.5	122.0	1,785.4	1,227.0	558.4
West Virginia.....	180	174.3	538.3	208.2	930.4	66.8	855.3	598.0	257.3
North Carolina.....	227	398.9	1,027.9	518.1	1,964.2	95.7	1,852.7	1,515.4	337.4
South Carolina.....	149	110.9	384.2	208.2	707.5	30.2	675.5	591.0	84.5
Georgia.....	316	477.0	802.4	513.2	1,809.5	95.9	1,702.1	1,399.3	312.8
Florida.....	184	293.2	1,046.4	479.6	1,837.8	92.0	1,740.3	1,403.0	337.3
<b>E. South Central</b> .....	<b>1,106</b>	<b>1,221.0</b>	<b>2,921.2</b>	<b>1,512.1</b>	<b>5,703.5</b>	<b>310.2</b>	<b>5,368.9</b>	<b>4,368.0</b>	<b>1,000.9</b>
Kentucky.....	300	341.9	851.0	407.5	1,611.6	96.7	1,506.4	1,293.2	213.2
Tennessee.....	294	469.7	962.8	543.3	1,995.4	193.5	1,803.8	1,474.1	409.7
Alabama.....	219	260.7	689.6	347.3	1,301.0	69.9	1,226.5	976.9	249.6
Mississippi.....	203	148.7	426.8	213.9	796.4	40.1	753.2	623.8	129.4
<b>W. South Central</b> .....	<b>1,608</b>	<b>2,078.6</b>	<b>4,590.6</b>	<b>3,187.1</b>	<b>9,866.3</b>	<b>513.8</b>	<b>9,315.2</b>	<b>8,345.5</b>	<b>969.6</b>
Arkansas.....	319	125.9	425.6	263.9	829.3	42.2	786.1	689.7	96.4
Louisiana.....	186	290.7	842.1	479.8	1,632.1	75.0	1,556.6	1,276.4	279.3
Oklahoma.....	383	264.8	770.5	456.0	1,501.2	89.0	1,408.0	1,208.1	199.9
Texas.....	651	1,397.2	2,542.4	1,007.4	5,992.7	307.7	5,574.5	5,081.4	493.1
<b>Mountain</b> .....	<b>478</b>	<b>708.5</b>	<b>2,168.5</b>	<b>1,064.4</b>	<b>3,843.2</b>	<b>166.6</b>	<b>3,665.9</b>	<b>2,861.3</b>	<b>804.6</b>
Montana.....	110	60.6	342.0	148.2	553.8	22.0	531.0	438.6	92.5
Idaho.....	47	71.7	279.5	100.4	453.7	16.5	436.4	351.7	84.4
Wyoming.....	86	37.5	127.5	74.5	240.9	12.1	228.5	183.7	44.7
Colorado.....	142	187.5	619.1	333.8	1,140.1	54.6	1,088.5	865.4	223.1
New Mexico.....	44	67.5	128.3	85.3	282.5	10.8	271.5	231.5	40.0
Arizona.....	10	108.6	207.5	89.9	409.8	15.0	393.0	301.0	91.1
Utah.....	89	139.0	301.2	140.6	584.0	28.8	553.2	387.0	166.2
Nevada.....	8	35.8	103.3	31.5	172.3	6.8	163.7	111.2	52.6
<b>Pacific</b> .....	<b>402</b>	<b>4,156.0</b>	<b>9,873.9</b>	<b>3,637.6</b>	<b>17,547.3</b>	<b>812.5</b>	<b>16,600.7</b>	<b>12,060.8</b>	<b>4,540.1</b>
Washington.....	124	537.5	1,214.2	501.7	2,268.0	102.5	2,156.4	1,410.7	745.7
Oregon.....	71	269.4	827.8	213.4	1,423.9	65.3	1,358.5	953.1	402.3
California.....	207	2,349.1	7,632.0	2,722.6	13,853.4	644.6	13,089.0	7,606.8	5,482.2
<b>Alaska</b> .....	<b>18</b>	<b>13.0</b>	<b>30.4</b>	<b>22.3</b>	<b>66.1</b>	<b>4.1</b>	<b>62.0</b>	<b>43.9</b>	<b>18.0</b>
<b>Hawaii</b> .....	<b>9</b>	<b>79.6</b>	<b>349.3</b>	<b>80.1</b>	<b>509.2</b>	<b>28.6</b>	<b>480.2</b>	<b>342.7</b>	<b>247.6</b>
<b>Puerto Rico</b> .....	<b>16</b>	<b>82.8</b>	<b>188.5</b>	<b>57.4</b>	<b>340.3</b>	<b>25.4</b>	<b>297.4</b>	<b>188.3</b>	<b>144.1</b>
<b>American Samoa</b> .....	<b>1</b>	<b>(<sup>3</sup>)</b>	<b>1.1</b>	<b>.5</b>	<b>1.6</b>	<b>.1</b>	<b>1.5</b>	<b>.6</b>	<b>.9</b>
<b>Virgin Islands</b> .....	<b>1</b>	<b>.8</b>	<b>2.6</b>	<b>.9</b>	<b>4.3</b>	<b>.3</b>	<b>3.9</b>	<b>2.0</b>	<b>1.9</b>
<b>Canal Zone</b> .....	<b>2</b>	<b>.8</b>	<b>1.7</b>	<b>3.2</b>	<b>36.0</b>	<b>.....</b>	<b>36.0</b>	<b>.....</b>	<b>3.8</b>
<b>Guam</b> .....	<b>1</b>	<b>.3</b>	<b>6.5</b>	<b>3.0</b>	<b>10.2</b>	<b>.5</b>	<b>9.3</b>	<b>5.4</b>	<b>4.0</b>

<sup>1</sup> Includes reserve balances and cash items in process of collection.<sup>2</sup> Includes capital notes and debentures and retirement account for preferred stock and capital notes, etc.<sup>3</sup> Less than \$50,000.

Source: Treasury Department, Comptroller of the Currency; Annual Report.

### No. 419.—ALL REPORTING BANKS IN THE UNITED STATES—NUMBER, LOANS, INVESTMENTS, AND DEPOSITS: 1933 TO 1947

(Money figures in millions of dollars. In general, data cover all banks in continental United States, comprising national banks, State commercial banks, trust companies, mutual and stock savings banks, and such private, Morris Plan, and industrial banks as were under supervision of, or reported to State banking departments. Banks are classified as members of Federal Reserve System and nonmembers. For further details see Banking and Monetary Statistics, published by Board of Governors of Federal Reserve System)

DATE <sup>1</sup>	NUMBER OF BANKS			LOANS			INVESTMENTS			DEPOSITS <sup>2</sup>		
	All banks	Member banks	Non-member banks	All banks	Member banks	Non-member banks	All banks	Member banks	Non-member banks	All banks	Member banks	Non-member banks
1933—Dec. 30	15,015	6,011	9,004	22,054	12,833	9,221	18,552	12,386	6,166	42,125	27,167	14,958
1934—Dec. 31	16,096	6,442	9,654	20,439	12,028	8,411	22,963	18,122	6,861	49,708	33,849	15,859
1935—Dec. 31	15,893	6,387	9,506	20,302	12,175	8,127	25,295	17,810	7,585	58,239	38,454	19,785
1936—Dec. 31	15,684	6,376	9,308	21,359	13,360	7,999	28,086	19,640	8,446	60,619	42,885	17,734
1937—Dec. 31	15,405	6,341	9,064	22,063	13,958	8,107	26,362	17,794	8,569	58,494	40,539	17,955
1938—Dec. 31	15,207	6,338	8,869	21,305	13,208	8,097	27,579	18,863	8,716	61,465	43,363	18,102
1939—Dec. 30	15,035	6,362	8,673	22,163	13,962	8,203	28,719	19,979	8,740	68,242	49,340	18,902
1940—Dec. 31	14,896	6,486	8,409	23,756	15,321	8,435	30,422	21,805	8,617	75,996	55,430	19,566
1941—Dec. 31	14,826	6,619	8,206	26,615	18,021	8,594	34,511	25,509	9,011	81,816	61,717	20,099
1942—Dec. 31	14,682	6,679	8,003	23,916	16,068	7,848	54,231	43,178	11,058	99,803	78,277	21,526
1943—Dec. 31	14,579	6,738	7,841	23,601	16,288	7,313	73,365	67,970	15,395	117,661	92,262	25,399
1944—Dec. 30	14,535	6,814	7,721	26,015	18,676	7,339	93,448	72,893	20,553	141,448	110,917	30,531
1945—June 30	14,542	6,840	7,702	27,979	20,368	7,391	101,661	78,838	22,823	151,033	118,378	32,655
Dec. 30	14,553	6,864	7,689	30,362	22,775	7,587	109,865	84,408	25,457	165,612	129,670	35,942
1946—June 29	14,567	6,887	7,680	31,486	23,202	8,184	105,087	78,729	26,358	159,171	122,519	36,652
Dec. 31	14,585	6,900	7,685	35,648	26,696	8,952	96,060	69,666	26,394	155,902	118,170	37,732
1947—June 30 <sup>3</sup>	14,716	6,928	7,788	38,366	28,656	9,710	92,730	66,146	26,584	163,349	115,436	37,914

<sup>1</sup> Date of reports of member banks; figures for nonmember banks as of nearest available date.

<sup>2</sup> Beginning June 30, 1942, excludes reciprocal bank balances which on that date aggregated \$600,000,000 at all member banks.

<sup>3</sup> Series revised to include a net addition of 115 nonmember banks with total loans and investments of approximately \$110,000,000 and total deposits of approximately \$106,000,000.

### No. 420.—FEDERAL RESERVE SYSTEM, ALL MEMBER BANKS—EARNINGS, EXPENSES, AND DIVIDENDS: 1925 TO 1946

(Money figures in millions of dollars; ratios in percentages)

ITEM	1925	1930	1935	1940	1945	1946		
						Total	National	State
Current earnings, total	1,918.8	2,157.9	1,208.6	1,323.0	2,102.2	2,402.8	1,558.2	844.6
Interest earned	1,616.1	1,857.5	967.3	1,026.5	1,707.9	1,961.8	1,307.1	654.7
Expenses, total <sup>1</sup>	1,267.7	1,604.3	832.5	921.0	1,267.6	1,468.6	947.8	520.7
Interest paid	669.2	771.0	209.7	147.6	185.2	213.8	144.3	69.5
Salaries and wages	372.9	481.8	334.5	400.3	579.8	609.4	442.0	267.5
Net current earnings <sup>2</sup>	551.0	553.6	374.1	402.0	834.6	934.0	610.3	313.6
Recoveries, profits on securities, etc.	61.8	118.2	378.0	302.8	453.8	355.8	214.3	141.5
Losses and charge-offs <sup>3</sup>	193.1	265.3	328.2	355.7	229.9	247.0	155.4	91.6
Profits before income taxes	(1)	(1)	(1)	(1)	1,058.5	1,042.8	679.2	363.6
Taxes on net income	(1)	(1)	(1)	(1)	270.1	285.0	185.5	99.6
Net profits	419.7	306.5	211.9	349.1	788.4	757.8	493.8	264.0
Cash dividends declared <sup>4</sup>	264.7	367.0	186.8	210.5	246.9	266.6	169.7	96.9
Loans <sup>4</sup>	20,809.0	25,018.0	11,965.0	14,298.0	19,816.0	24,258.0	15,222.0	9,036.0
Securities <sup>4</sup>	8,365.0	10,377.0	16,912.0	20,623.0	77,301.0	77,601.0	51,215.0	26,386.0
Capital accounts <sup>4</sup>	4,651.0	6,723.0	8,118.0	8,897.0	7,243.0	7,868.0	4,881.0	2,987.0
Ratios to capital accounts:								
Net current earnings <sup>1</sup>	11.8	8.2	7.3	7.2	11.8	11.9	12.7	10.5
Net profits	9.0	4.6	4.1	6.2	10.9	9.6	10.1	8.8
Cash dividends declared	5.7	5.6	3.7	2.8	8.4	3.4	3.5	3.3
Ratios to total assets:								
Total current earnings	4.9	4.6	2.9	2.3	1.7	1.8	1.8	1.8
Net current earnings <sup>1</sup>	1.4	1.2	.9	.7	.7	.7	.7	.7

<sup>1</sup> Profits on securities included in current earnings.

<sup>2</sup> Beginning with 1942, taxes on net income, previously included in expenses, are reported separately, and recurring depreciation on banking house furniture and fixtures, previously included in losses and charge-offs, is included in expenses.

<sup>3</sup> Includes interest on capital notes and debentures beginning 1933 when first issued.

<sup>4</sup> Averages of amounts reported for every call date in year and final call date in preceding year, except 1946 when fall call date was omitted in averaging amounts.

Source of tables 419 and 420: Board of Governors of the Federal Reserve System; figures through 1941, Banking and Monetary Statistics; published currently in Federal Reserve Bulletin.

# No. 491.—FEDERAL RESERVE SYSTEM, ALL MEMBER BANKS—PRINCIPAL ASSETS AND LIABILITIES, 1920 TO 1947

[Money figures in millions of dollars]

DEC. 31—	Num- ber of banks	LOANS AND INVESTMENTS				Re- serve with Fed- eral Re- serve banks	Cash in vault	Bal- ances with do- mestic banks <sup>1</sup>	DEPOSITS					Net de- mand depos- its sub- ject to reserve	Bor- row- ings	Cap- ital ac- counts				
		Total	Loans	Investments					Total	U. S. Govt. obligations <sup>1</sup>	Other securi- ties	Interbank					U. S. Govt. ( <sup>2</sup> )	Postal sav- ings	All other	
				Total	U. S. Govt. obligations <sup>1</sup>							Other securi- ties	Do- mes- tic banks						For- eign banks	De- mand
All member banks:																				
1920 (Dec. 31)	9,006	25,531	19,855	5,676	2,519	3,357	1,763	1,577	24,220	3,062	316	(9) 42	14,433	16,145	15,345	4,120				
1925	9,480	30,884	21,906	8,978	3,728	5,160	2,235	2,155	34,250	4,169	304	64	19,124	10,557	19,200	4,678				
1930	8,053	14,860	23,670	10,969	4,126	6,844	2,475	2,450	37,029	3,980	267	189	18,796	13,012	18,969	6,563				
1935	6,347	29,085	12,173	17,910	12,268	5,541	5,373	3,776	38,434	5,947	844	218	21,055	10,041	22,169	5,145				
1940	6,490	37,126	15,321	21,805	15,832	6,083	13,992	6,195	50,430	9,716	651	22	33,213	12,122	35,262	6,698				
1943	6,734	44,258	16,268	27,990	22,148	5,022	12,835	1,132	82,262	9,660	9,559	5	56,995	15,145	57,990	6,475				
1944 (Dec. 31)	6,814	51,569	18,676	32,893	27,885	5,208	14,201	6,354	110,917	10,925	18,610	4	61,263	19,154	63,068	6,968				
1945	6,894	107,183	22,775	84,408	78,338	6,070	15,811	7,117	129,670	12,380	22,275	3	69,040	24,111	70,918	7,699				
1946	6,909	95,362	20,690	69,690	63,142	6,425	16,015	5,936	118,170	10,687	2,783	3	70,248	27,076	76,540	8,085				
1947 (Oct. 6)	6,920	97,328	20,728	66,590	59,288	7,302	16,946	5,993	118,465	10,506	2,415	3	75,938	28,172	79,007	8,463				
New York:																				
1940	37	26,143	7,334	18,809	17,374	1,336	4,015	78	30,121	3,536	6,950		17,287	1,277	19,660	195				
1945	37	20,634	6,306	14,328	13,306	1,158	4,045	87	24,723	3,032	6,666		18,376	1,436	20,606	2,205				
1947 (Oct. 6)	37	20,400	6,681	13,719	12,305	1,263	4,264	143	23,787	2,976	576		17,471	1,454	20,735	268				
Chicago:																				
1945	12	5,931	1,333	4,598	4,213	385	942	36	7,046	1,292	1,552		3,462	719	4,208	577				
1946	14	4,763	1,499	3,264	2,912	353	928	29	5,905	1,130	1,154		3,770	827	4,343	404				
1947 (Oct. 6)	14	5,040	1,724	3,316	2,935	381	963	30	6,097	1,111	163		3,920	878	4,767	429				
Reserve city banks:																				
1945	359	40,108	8,514	31,594	29,532	2,042	6,226	494	49,086	6,286	8,258	1	24,655	9,728	26,737	2,568				
1946	355	35,351	10,825	24,527	22,250	2,276	6,337	532	44,477	5,443	1,083	1	27,057	10,816	27,940	2,739				
1947 (Oct. 6)	353	35,792	12,493	23,299	20,884	2,413	6,764	494	44,734	5,300	1,834	1	27,067	11,288	29,063	2,947				
Country banks:																				
1945	6,476	35,002	5,596	29,407	26,990	2,408	4,527	796	43,418	1,216	5,514	3	24,235	12,442	26,263	2,525				
1946	6,494	35,412	8,104	27,308	24,572	2,836	4,703	853	43,066	1,084	929	3	27,044	13,999	26,651	2,757				
1947 (Oct. 6)	6,525	36,027	9,638	26,389	23,164	3,225	4,934	829	43,876	1,023	842	3	27,450	14,352	24,522	2,946				

<sup>1</sup> Both direct and guaranteed obligations.

<sup>2</sup> Prior to Dec. 31, 1935, excludes balances with private banks to extent that such balances were reported in "Other assets." Prior to Dec. 31, 1933, excludes time balances with domestic banks which then amounted to \$62,000,000 and which, prior to that time, were reported in "Other assets." Beginning June 30, 1942, excludes reciprocal bank balances which then aggregated \$800,000,000.

<sup>3</sup> Beginning with 1940, includes U. S. Treasurer's time deposits, open account.

<sup>4</sup> Demand deposits other than interbank and U. S. Government, less cash items re-ported as in process of collection and, prior to Dec. 31, 1933, less cash items reported on hand but not in process of collection.

<sup>5</sup> Postal savings of State Member Banks included in time deposits.

<sup>6</sup> Central reserve city banks only.

Sources: Board of Governors of the Federal Reserve System. Figures published cur-rently in Federal Reserve Bulletin.

**No. 422.—FEDERAL RESERVE BANKS—PRINCIPAL ASSETS: 1915 TO 1947**  
(In thousands of dollars)

DEC. 31—	Total assets	Reserves	RESERVE BANK CREDIT OUTSTANDING				
			Total <sup>1</sup>	Loans and securities			
				Total <sup>2</sup>	Discounts and advances	Bills bought in open market	U. S. Govt. securities
<b>All F. R. banks:</b>							
1915	696,840	555,431	84,179	84,179	82,300	23,723	15,828
1920 (Dec. 29)	6,254,105	2,250,400	3,354,632	3,234,828	2,687,393	260,406	287,029
1925	5,109,404	2,824,371	1,459,172	1,395,122	642,093	374,359	374,668
1930	5,200,648	3,081,817	1,373,832	1,351,852	251,398	363,844	728,467
1935	11,025,800	7,835,351	2,485,631	2,472,733	4,072	4,566	2,430,731
1940	23,261,856	20,035,582	3,274,219	2,194,553	2,915		2,184,100
1944 (Dec. 30)	40,268,611	18,686,680	19,744,836	18,928,781	79,325		18,846,208
1945	45,062,898	17,862,924	25,091,366	24,513,094	249,906		24,262,248
1946	45,006,413	18,361,293	24,093,094	23,513,314	163,079		23,349,686
1947	47,711,654	21,497,297	23,181,477	22,646,146	85,426		22,559,334
<b>Boston:</b>							
1944 (Dec. 30)	2,329,766	937,147	1,251,117	1,200,631	245		1,200,186
1945	2,517,264	807,142	1,540,411	1,520,316	4,309		1,515,997
1946	2,478,854	782,334	1,503,571	1,471,908	10,021		1,461,880
1947	2,603,956	815,732	1,520,899	1,501,281	6,473		1,494,808
<b>New York:</b>							
1944 (Dec. 30)	10,819,655	5,313,269	5,143,544	4,893,553	77,775		4,815,765
1945	11,666,274	5,038,104	6,318,383	6,134,298	214,344		5,919,954
1946	11,704,486	5,185,383	6,072,474	5,858,729	58,935		5,799,794
1947	12,880,719	6,380,273	5,966,125	5,739,601	41,800		5,697,741
<b>Philadelphia:</b>							
1944 (Dec. 30)	2,425,930	1,005,844	1,303,500	1,255,320	606		1,253,245
1945	2,729,203	939,185	1,550,347	1,515,617	4,395		1,510,468
1946	2,771,673	919,154	1,696,940	1,661,200	15,547		1,645,130
1947	2,879,526	1,077,229	1,601,472	1,573,720	6,841		1,565,523
<b>Cleveland:</b>							
1944 (Dec. 30)	2,384,517	1,391,697	1,818,032	1,706,000			1,706,000
1945	3,632,154	1,148,163	2,289,366	2,230,272	4,539		2,225,733
1946	3,663,201	1,201,766	2,233,639	2,193,336	15,010		2,178,326
1947	3,941,591	1,809,931	2,155,814	2,107,863	6,790		2,101,073
<b>Richmond:</b>							
1944 (Dec. 30)	2,355,892	970,258	1,232,385	1,167,728	650		1,166,932
1945	2,730,277	1,102,193	1,418,068	1,381,009	2,749		1,378,207
1946	2,779,990	1,163,084	1,356,864	1,321,295	7,316		1,313,979
1947	2,845,959	1,104,760	1,496,677	1,434,938	3,094		1,431,814
<b>Atlanta:</b>							
1944 (Dec. 30)	2,067,968	948,390	1,009,214	983,747			983,726
1945	2,472,656	1,068,280	1,245,328	1,211,104	1,645		1,209,459
1946	2,424,599	1,070,580	1,158,758	1,146,069	5,737		1,140,333
1947	2,461,255	1,054,299	1,184,093	1,163,510	2,156		1,161,355
<b>Chicago:</b>							
1944 (Dec. 30)	6,635,745	3,364,558	2,997,455	2,881,806			2,881,806
1945	7,363,861	3,162,312	3,902,733	3,802,889	6,110		3,796,779
1946	7,431,469	3,505,917	3,685,393	3,478,693	18,291		3,455,403
1947	7,913,753	4,273,069	3,184,053	3,092,461	7,067		3,085,404
<b>St. Louis:</b>							
1944 (Dec. 30)	1,613,303	665,675	860,926	825,915			823,918
1945	1,847,136	631,987	1,100,034	1,061,109	3,200		1,077,909
1946	1,930,904	642,462	1,127,210	1,110,070	4,921		1,105,149
1947	2,073,563	667,436	1,231,741	1,209,752	1,521		1,207,691
<b>Minneapolis:</b>							
1944 (Dec. 30)	882,713	366,306	477,371	465,835			465,835
1945	1,054,263	352,081	643,069	630,640	1,081		629,559
1946	1,092,979	378,417	653,086	639,553	3,413		636,140
1947	1,208,498	454,855	676,803	666,184	1,265		664,919
<b>Kansas City:</b>							
1944 (Dec. 30)	1,645,203	689,807	647,383	625,285	450		624,810
1945	1,899,022	619,477	1,124,979	1,103,630	1,660		1,102,156
1946	1,871,914	620,174	1,104,056	1,083,830	7,954		1,075,876
1947	2,035,854	785,843	1,095,633	1,062,160	2,471		1,059,689
<b>Dallas:</b>							
1944 (Dec. 30)	1,315,373	554,334	692,342	671,805	200		671,605
1945	1,540,965	491,614	952,836	944,833	1,410		943,423
1946	1,534,130	491,067	935,834	922,621	4,368		918,263
1947	1,659,197	531,340	1,007,910	991,820	1,570		990,189
<b>San Francisco:</b>							
1944 (Dec. 30)	4,792,529	2,479,405	2,111,467	2,052,157			2,051,689
1945	5,642,803	2,507,395	2,906,807	2,856,177	3,573		2,852,604
1946	5,323,134	2,420,935	2,655,276	2,631,010	11,566		2,619,444
1947	5,307,783	2,842,530	2,115,187	2,062,855	4,928		2,077,928

<sup>1</sup> Includes, in addition to total loans and securities, amounts due from foreign banks and Reserve bank float.

<sup>2</sup> Includes municipal warrants, industrial loans, etc., not listed separately.

Source: Board of Governors of the Federal Reserve System; Banking and Monetary Statistics, Annual Report, and Federal Reserve Bulletin. Figures published currently in Federal Reserve Bulletin.



## No. 423.—FEDERAL RESERVE BANKS—PRINCIPAL LIABILITIES: 1915 TO 1947

[Money figures in thousands of dollars]

DEC. 31—	Capital	Surplus <sup>1</sup>	DEPOSIT LIABILITY		Federal Reserve notes	Reserve percent- age <sup>2</sup>
			Total	Member bank reserves		
<b>All F. R. banks:</b>						
1915	54,914		* 483,406	* 401,175	188,517	94.1
1920 (Dec. 30)	99,821	202,086	1,801,498	1,780,579	3,336,291	43.3
1925	117,257	290,310	2,257,388	2,212,098	1,638,164	60.0
1930	169,640	274,636	2,517,133	2,470,583	1,603,538	73.7
1935	130,512	169,736	6,385,809	5,687,208	3,709,074	77.6
1940	138,579	183,849	16,126,567	14,025,633	5,930,997	90.8
1944 (Dec. 30)	162,531	265,318	16,410,970	14,372,869	21,731,017	49.0
1945	177,056	285,763	18,199,510	15,914,950	24,649,132	41.7
1946	186,830	467,278	17,353,401	16,138,878	24,945,304	43.5
1947	195,517	476,722	19,730,684	17,869,371	24,820,434	48.3
<b>Boston:</b>						
1944 (Dec. 30)	10,063	18,119	796,700	677,659	1,306,544	43.3
1945	10,635	25,451	850,004	709,430	1,478,972	34.5
1946	11,093	30,569	781,070	713,408	1,491,783	34.4
1947	11,243	31,128	861,622	766,622	1,472,290	35.0
<b>New York:</b>						
1944 (Dec. 30)	30,281	92,046	5,483,653	4,554,844	4,851,017	51.4
1945	63,630	124,065	5,830,550	4,855,437	5,407,924	44.8
1946	65,801	143,802	5,412,575	4,903,039	5,714,384	46.6
1947	68,688	145,915	6,443,326	5,573,276	5,765,916	52.3
<b>Philadelphia:</b>						
1944 (Dec. 30)	12,227	24,340	850,431	710,778	1,427,509	44.3
1945	12,064	33,447	935,815	799,634	1,635,243	36.5
1946	13,926	39,200	894,615	818,126	1,699,377	35.4
1947	14,370	39,839	975,833	867,114	1,681,880	40.5
<b>Cleveland:</b>						
1944 (Dec. 30)	16,239	20,078	1,284,578	1,128,014	1,896,503	43.8
1945	17,654	34,752	1,322,708	1,156,889	2,006,342	33.6
1946	18,304	42,401	1,287,890	1,199,768	2,124,731	36.2
1947	18,843	43,179	1,506,876	1,286,873	2,139,963	41.4
<b>Richmond:</b>						
1944 (Dec. 30)	6,517	11,103	708,704	636,754	1,487,786	44.3
1945	7,177	18,919	807,781	727,247	1,738,344	43.3
1946	7,771	24,001	771,718	733,111	1,781,923	45.5
1947	8,220	24,559	846,968	784,772	1,741,896	42.7
<b>Atlanta:</b>						
1944 (Dec. 30)	5,851	8,698	678,322	628,914	1,276,583	48.5
1945	6,354	16,212	848,952	762,425	1,483,961	45.6
1946	7,109	19,425	789,879	748,101	1,449,774	47.8
1947	7,514	19,872	860,468	789,320	1,397,716	46.7
<b>Chicago:</b>						
1944 (Dec. 30)	19,599	34,630	2,345,925	2,189,950	3,978,635	63.3
1945	21,074	54,458	2,508,111	2,347,115	4,444,533	44.9
1946	22,435	66,507	2,489,527	2,360,137	4,573,144	49.6
1947	23,827	67,646	2,808,304	2,655,849	4,636,568	57.4
<b>St. Louis:</b>						
1944 (Dec. 30)	5,142	7,573	692,500	538,958	930,849	43.7
1945	5,611	13,466	677,940	599,150	1,063,366	36.3
1946	6,108	17,098	654,645	607,336	1,120,120	36.2
1947	6,404	17,493	753,264	691,845	1,143,968	35.2
<b>Minneapolis:</b>						
1944 (Dec. 30)	3,501	6,028	361,207	317,789	475,794	43.5
1945	3,861	9,942	444,984	385,403	551,859	35.3
1946	4,071	12,070	439,535	398,589	592,888	36.9
1947	4,293	12,306	505,387	450,542	626,969	40.2
<b>Kansas City:</b>						
1944 (Dec. 30)	5,237	7,333	734,770	670,715	796,543	45.0
1945	5,731	13,028	843,087	774,851	910,750	35.3
1946	6,167	16,866	807,878	772,506	922,170	35.8
1947	6,522	17,286	924,930	868,410	949,067	41.9
<b>Dallas:</b>						
1944 (Dec. 30)	5,238	7,332	692,311	642,981	546,527	44.7
1945	6,007	11,977	827,189	764,670	618,639	34.0
1946	6,866	15,084	819,000	783,090	604,311	34.5
1947	7,304	15,418	915,880	863,227	624,729	34.5
<b>San Francisco:</b>						
1944 (Dec. 30)	13,546	18,041	1,581,869	1,705,543	2,699,477	54.1
1945	16,297	31,086	2,203,432	2,032,899	3,219,199	46.2
1946	17,183	40,346	2,201,082	2,003,668	2,871,019	47.7
1947	18,089	41,092	2,326,046	2,201,521	2,639,453	57.2

<sup>1</sup> Includes surplus acc. 13b beginning December 1935.<sup>2</sup> Ratio of reserves (shown in table 422) to aggregate of total deposit and Federal Reserve note liabilities.<sup>3</sup> Not comparable with later years.

Sources: Board of Governors of the Federal Reserve System; Banking and Monetary Statistics, Annual Report, and Federal Reserve Bulletin. Figures published currently in Federal Reserve Bulletin.

### No. 424.—FEDERAL RESERVE BANKS—VOLUME OF OPERATIONS IN PRINCIPAL DEPARTMENTS: 1920 TO 1947

YEAR	Discounts and advances	Currency received and counted	Coin received and counted	Checks handled	COLLECTION ITEMS HANDLED		ISSUES, REDEMPTIONS, AND EXCHANGES BY FISCAL AGENCY DEPARTMENT		Transfer of funds
					U. S. Govt. coupons paid <sup>1</sup>	All other	U. S. Govt. direct obligations	All other	
NUMBER OF PIECES HANDLED <sup>2</sup> (thousands)									
1920.....	1,190	1,065,459	(3)	504,198	113,701	2,136	(4)	(5)	732
1925.....	475	1,947,419	2,329,014	778,686	44,174	5,467	7,116	(6)	1,599
1930.....	415	2,441,989	3,325,555	904,975	19,362	6,388	1,412	(7)	1,808
1935.....	13	2,148,485	2,590,659	885,190	22,633	7,119	6,838	3,742	983
1940.....	4	2,248,290	2,705,344	1,184,356	15,444	6,094	3,752	485	780
1942.....	1	2,678,801	3,761,445	1,335,543	14,990	5,833	117,425	473	842
1943.....	2	2,874,099	3,810,300	1,513,070	16,527	5,072	270,358	260	665
1944.....	5	3,008,898	4,167,265	1,714,925	17,054	4,622	336,846	937	905
1945.....	8	3,018,719	4,562,799	1,851,950	18,292	4,453	381,593	474	939
1946.....	8	3,423,547	5,743,862	1,978,011	20,192	4,551	245,595	311	1,059
1947.....	11	3,491,962	6,169,697	2,000,656	19,003	4,136	177,351	(9)	1,148
AMOUNTS HANDLED (millions of dollars)									
1920.....	85,320.9	7,954.4	(1)	179,505.2	741.9	5,398.4	(2)	(3)	48,979.2
1925.....	32,562.6	11,557.0	467.7	258,611.3	680.9	6,117.0	5,579.0	(4)	109,430.7
1930.....	14,087.1	14,282.8	537.5	324,883.0	499.1	7,528.6	7,084.1	(5)	198,880.9
1935.....	229.5	9,837.7	276.6	202,989.7	751.9	7,948.6	30,755.6	3,346.2	80,483.2
1940.....	69.9	9,538.6	288.1	280,436.1	902.3	5,068.7	20,190.0	1,687.2	92,105.9
1942.....	193.3	13,010.2	355.6	477,108.3	1,082.3	6,167.6	90,338.2	3,280.7	140,444.5
1943.....	2,840.3	15,599.7	381.3	623,431.9	1,481.5	7,882.1	209,783.0	1,986.4	208,510.2
1944.....	14,922.1	17,157.0	417.0	690,686.8	1,840.6	7,963.0	261,297.5	2,840.7	215,006.5
1945.....	34,778.6	18,807.7	445.9	688,109.3	2,348.2	9,295.7	299,624.1	3,729.6	223,490.3
1946.....	19,647.7	20,945.8	619.9	731,876.2	2,617.3	9,312.8	276,436.1	1,986.6	252,991.2
1947.....	17,234.9	22,099.5	622.0	792,207.3	2,491.4	6,455.9	254,000.9	(6)	316,469.6

<sup>1</sup> Includes coupons from obligations guaranteed by United States. <sup>2</sup> Two or more checks, coupons, etc., handled as a single item are counted as one "piece." <sup>3</sup> Not available. <sup>4</sup> Increase reflects change in method of counting items. <sup>5</sup> Included in preceding column.

Source: Board of Governors of the Federal Reserve System; Banking and Monetary Statistics and Annual Report.

### No. 425.—FEDERAL RESERVE BANKS—PROFIT AND LOSS STATEMENT: 1936 TO 1947

(In thousands of dollars)

BANK AND YEAR	Gross earnings	Net earnings	Dividends	Paid U. S. Treasury		Carried to surplus	Capital and surplus, Dec. 31
				(Sec. 13b)	Interest on F. R. notes <sup>1</sup>		
All Federal Reserve banks:							
1936	37,901	8,512	7,830	227	—	455	393,880
1937	41,233	10,801	7,941	177	—	2,693	308,166
1938	36,281	9,583	8,019	120	—	1,443	310,991
1939	38,801	12,243	8,116	25	—	4,108	314,158
1940	43,536	25,860	8,215	82	—	17,563	322,429
1941	41,390	9,137	8,430	141	—	566	326,461
1942	52,663	12,470	8,699	197	—	3,604	333,296
1943	60,305	49,528	8,911	245	—	40,372	369,196
1944	104,392	58,438	9,500	327	—	48,611	417,849
1945	142,209	92,662	10,182	249	—	62,232	562,878
1946	180,385	92,624	10,962	67	—	81,495	654,107
1947	158,655	95,236	11,523	38	75,224	8,453	571,269
Boston	10,565	6,264	671	—	5,035	558	42,371
New York	38,907	24,568	4,053	25	18,368	2,112	214,308
Philadelphia	11,413	7,163	854	7	5,672	630	64,209
Cleveland	15,190	8,913	1,124	—	7,011	778	62,623
Richmond	10,041	5,854	485	2	4,608	658	32,779
Atlanta	8,349	4,911	441	—	4,023	447	27,398
Chicago	21,319	12,769	1,580	—	10,349	1,139	91,473
St. Louis	8,313	4,827	379	—	3,553	305	23,597
Minneapolis	4,613	2,614	253	1	2,124	236	16,599
Kansas	7,835	4,560	—	—	3,758	419	23,607
Dallas	6,804	3,767	427	—	3,006	234	22,723
San Francisco	15,316	9,537	1,073	—	7,617	847	59,182

<sup>1</sup> Interest on Federal Reserve notes not applicable prior to 1947.

Source: Board of Governors, Federal Reserve System; Banking and Monetary Statistics and Annual Report.

**No. 426.—FEDERAL RESERVE BANKS—DISCOUNT RATES<sup>1</sup> IN EFFECT JAN. 1, 1935,  
AND CHANGES TO DEC. 31, 1947**

[Percent per annum]

MONTH ESTABLISHED	Bos- ton	New York	Phila- del- phia	Cleve- land	Rich- mond	At- lanta	Chi- cago	St. Louis	Min- neapolis	Kan- sas City	Dallas	San Francisco
<b>DISCOUNTS FOR AND ADVANCES TO MEMBER BANKS UNDER SECS. 13 AND 13(a) OF FEDERAL RESERVE ACT<sup>2</sup></b>												
In effect Jan. 1, 1935.	2	1½	2½	2	3	2½	2½	2½	3	2½	3	2
1935—Jan.	.....	.....	2	.....	2½	2	2	2	2½	2	2½	.....
May	.....	.....	.....	1½	2	.....	.....	.....	2	2	2	.....
1937—Aug.	.....	1	.....	.....	1½	1½	1½	.....	1½	.....	1½	.....
Sept.	1½	.....	1½	.....	.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	.....	( <sup>3</sup> )	( <sup>3</sup> )	1½
1939—Sept.	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
1942—Feb.	.....	.....	.....	.....	1	1	.....	1	1	.....	1	.....
Mar.	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Apr.	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	1
Oct.	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
In effect Dec. 31, 1947	1	1	1	1	1	1	1	1	1	1	1	1
<b>ADVANCES TO MEMBER BANKS UNDER SEC. 10(b) OF FEDERAL RESERVE ACT<sup>5</sup></b>												
In effect Jan. 1, 1935.	4	4	4	4	4½	4½	4	4½	5	4	4	4
1935—Jan.	.....	2½	.....	.....	.....	4	.....	.....	.....	2½	.....	.....
Aug.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sept.	2½	.....	.....	.....	2½	2½	2½	2½	2½	.....	2½	2½
Oct.	.....	2	.....	2	.....	.....	.....	2½	2½	.....	2½	.....
Nov.	.....	.....	2½	.....	.....	.....	.....	.....	.....	.....	.....	.....
1937—Aug.	.....	.....	.....	.....	.....	2	2	.....	2	.....	2	.....
Sept.	2	.....	2	.....	2	.....	.....	2	.....	2	.....	2
1942—Mar.	.....	.....	.....	.....	.....	.....	1½	1½	.....	.....	.....	.....
Aug.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sept.	.....	.....	.....	1½	.....	.....	.....	.....	.....	.....	.....	.....
Oct.	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
In effect Dec. 31, 1947	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
<b>ADVANCES TO INDIVIDUALS, PARTNERSHIPS, AND CORPORATIONS (EXCEPT MEMBER BANKS), SECURED BY DIRECT OBLIGATIONS OF U. S. (last par. sec. 13 of Federal Reserve Act)</b>												
In effect Jan. 1, 1935.	4	3½	4	4	4	4	4	4½	4½	4	4	4
1935—Feb.	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....
May	.....	.....	.....	3½	.....	.....	.....	.....	.....	3½	.....	.....
1938—Apr.	2½	.....	.....	.....	.....	2½	.....	.....	.....	2½	2½	.....
Oct.	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....
1939: To banks—	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aug.	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sept.	1	.....	1½	1½	1½	1	1	1	1½	1	1	1½
To others—	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sept.	.....	.....	2½	.....	.....	.....	.....	.....	.....	.....	.....	.....
1942: To banks—	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mar.	.....	.....	1	.....	1	.....	.....	.....	1	.....	.....	.....
Apr.	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1
To others—	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mar.	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
Oct.	2	2½	2	2	2½	2	2	2	2½	2	2	2½
1946: Mar.	( <sup>6</sup> )	.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	2	.....	( <sup>6</sup> )	.....
Apr.	.....	( <sup>7</sup> )	.....	.....	.....	.....	.....	.....	.....	( <sup>7</sup> )	.....	( <sup>7</sup> )
In effect Dec. 31, 1947	2	2½	2	2	2½	2	2	2	2	2	2	2½

<sup>1</sup> For rates for 1914 to 1921, see Statistical Abstract 1928, table 249; for 1922 to 1932, Statistical Abstract 1933, table 232; for 1933 and 1934, Statistical Abstract 1942, table 268. For rates on industrial advances authorized by sec. 13b of Federal Reserve Act, which are not shown in this table, see source.

<sup>2</sup> Rediscounts of notes, drafts, and bills eligible for discount under Federal Reserve Act, and advances secured by such paper, by direct obligations of U. S., by certain obligations guaranteed as to principal and interest by U. S., and by obligations of Federal intermediate credit banks maturing within 6 months.

<sup>3</sup> 1 percent on advances secured by Government obligations.

<sup>4</sup> ½ percent on advances secured by Government obligations maturing or callable in 1 year or less. This preferential rate eliminated in April and May 1946.

<sup>5</sup> Advances secured to satisfaction of Federal Reserve Bank.

<sup>6</sup> Rate of 2½ percent to other lenders (than banks) in effect until Apr. 11, 1942.

<sup>7</sup> Separate rate to banks eliminated.

Source: Board of Governors of the Federal Reserve System; Banking and Monetary Statistics, Annual Report, and Federal Reserve Bulletin. Figures published currently in Federal Reserve Bulletin.

No. 427.—NATIONAL BANKS—ASSETS AND LIABILITIES: 1945 AND 1946

[Money figures in thousands of dollars. Includes banks in Alaska, Hawaii, and Virgin Islands]

ASSETS AND LIABILITIES	1945 (Dec. 31)	1946 (Dec. 31)				
		All banks	Central reserve cities	Other re- serve cit- ies	Country banks	Non- member banks
Number of banks.....	5, 023	5, 013	19	243	4, 745	6
Assets, total.....	90, 535, 756	84, 850, 263	16, 240, 891	35, 670, 800	32, 650, 547	238, 025
Loans and securities, total.....	69, 559, 651	63, 952, 583	12, 336, 922	26, 441, 248	24, 944, 478	229, 935
Loans and discounts, including overdrafts.....	13, 948, 042	17, 309, 767	3, 620, 339	8, 164, 530	5, 487, 212	37, 686
U. S. Government securities, direct obligations.....	51, 459, 960	41, 835, 752	7, 830, 932	16, 450, 463	17, 368, 614	185, 743
Obligations guaranteed by U. S. Government.....	7, 746	7, 780	-----	4, 012	3, 768	-----
Obligations of States and political subdivisions.....	2, 341, 725	2, 659, 598	434, 169	1, 081, 898	1, 140, 074	3, 457
Other bonds, notes, and debentures.....	1, 656, 865	1, 986, 327	406, 218	679, 350	897, 710	3, 049
Corporate stocks, including stock of Federal Reserve banks.....	145, 313	153, 359	45, 264	60, 995	47, 100	-----
Cash in vault.....	1, 008, 644	1, 094, 721	68, 362	383, 057	628, 170	15, 132
Reserve with Federal Reserve banks.....	10, 451, 020	10, 636, 570	2, 452, 856	4, 773, 970	3, 380, 021	1 29, 723
Balances with other banks and cash items.....	8, 719, 125	8, 335, 876	1, 228, 857	3, 684, 863	3, 411, 887	10, 269
Bank premises owned, furniture and fixtures.....	495, 105	508, 893	80, 712	201, 213	224, 763	2, 205
Real estate owned other than bank premises.....	10, 068	8, 488	-----	5, 243	3, 235	10
Investments and other assets indirectly representing bank premises or other real estate.....	46, 384	45, 464	347	38, 622	6, 495	-----
Customers' liability on acceptances outstanding.....	41, 943	73, 270	31, 545	39, 391	2, 321	13
Interest, commissions, rent, and other income earned or accrued but not collected.....	147, 946	137, 022	35, 352	72, 815	28, 191	664
Other assets.....	55, 870	57, 376	5, 938	30, 378	20, 966	74
Liabilities, total.....	90, 535, 756	84, 850, 263	16, 240, 891	35, 670, 800	32, 650, 547	238, 025
Deposits, total.....	85, 242, 947	79, 049, 839	14, 803, 940	33, 366, 897	30, 603, 818	275, 184
Demand deposits of individuals, partnerships, and corporations.....	40, 970, 935	45, 522, 709	9, 636, 061	18, 273, 669	17, 516, 384	96, 595
Time deposits of individuals, partnerships, and corporations.....	15, 960, 051	18, 031, 756	1, 222, 788	7, 410, 353	9, 270, 566	128, 049
Deposits of U. S. Government and postal savings.....	14, 163, 153	1, 843, 485	403, 280	777, 183	627, 462	35, 560
Deposits of States and political subdivisions.....	3, 487, 711	4, 125, 722	320, 748	1, 887, 021	1, 906, 904	11, 049
Deposits of banks.....	9, 230, 786	8, 170, 924	2, 791, 676	4, 464, 208	913, 489	1, 551
Other deposits (certified and cashiers' checks, etc.).....	1, 430, 311	1, 355, 243	429, 387	554, 463	369, 013	2, 380
Bills payable, rediscounts, and other liabilities for borrowed money.....	77, 969	20, 047	-----	3, 200	16, 847	-----
Mortgages or other liens on bank premises and other real estate.....	89	339	-----	21	318	-----
Acceptances executed by or for account of reporting banks and outstanding.....	47, 943	83, 280	35, 219	45, 658	2, 390	13
Interest, discount, rent, and other income collected but not earned.....	31, 484	56, 635	8, 284	30, 772	17, 563	16
Interest, taxes, and other expenses accrued and unpaid.....	209, 956	223, 436	69, 919	104, 200	48, 862	455
Other liabilities.....	269, 631	266, 888	184, 895	63, 355	18, 432	206
Capital stock.....	1, 658, 839	1, 756, 621	353, 075	705, 798	693, 198	4, 550
Surplus.....	2, 011, 403	2, 275, 884	572, 925	894, 667	804, 367	3, 925
Undivided profits.....	688, 986	785, 558	158, 890	297, 492	328, 361	825
Reserves.....	296, 509	331, 736	53, 754	158, 740	116, 391	2, 851

1 Reserve with approved national banking associations.

Source: Treasury Department, Comptroller of the Currency; Abstract of Reports of Condition of National Banks.

## No. 428.—NATIONAL BANKS—SUMMARY, BY STATES: DEC. 31, 1946

[Money figures in thousands of dollars]

DIVISION AND STATE OR TERRITORY	Number of banks	Loans and discounts, including overdrafts	U. S. Govt. and other securities	Cash and balances with other banks <sup>1</sup>	Total assets or liabilities	Capital, surplus, undivided profits, and reserve	DEPOSITS		
							Total	Demand	Time (incl. postal savings)
<b>Total.....</b>	<b>5,013</b>	<b>17,306,747</b>	<b>46,642,814</b>	<b>20,067,167</b>	<b>84,856,262</b>	<b>5,149,799</b>	<b>79,049,839</b>	<b>60,468,758</b>	<b>18,581,081</b>
<b>New England.....</b>	<b>303</b>	<b>1,093,828</b>	<b>2,499,380</b>	<b>1,043,212</b>	<b>4,636,231</b>	<b>372,539</b>	<b>4,279,833</b>	<b>3,373,825</b>	<b>906,008</b>
Maine.....	53	53,799	182,260	48,429	256,344	21,200	233,265	140,344	92,921
New Hampshire.....	51	46,182	101,516	48,519	196,008	17,749	179,580	136,938	42,642
Vermont.....	29	40,593	69,712	25,824	137,467	12,359	124,250	61,115	63,135
Massachusetts.....	121	771,303	1,588,763	686,737	3,097,099	241,870	2,817,532	2,311,839	505,693
Rhode Island.....	9	80,160	160,171	56,429	258,573	24,232	232,766	208,008	24,606
Connecticut.....	80	127,791	436,968	177,264	751,740	55,129	692,440	518,521	176,919
<b>Middle Atlantic.....</b>	<b>1,365</b>	<b>4,441,006</b>	<b>13,229,067</b>	<b>4,757,715</b>	<b>22,686,970</b>	<b>1,806,844</b>	<b>20,551,247</b>	<b>16,079,859</b>	<b>4,471,388</b>
New York.....	392	2,673,102	7,575,152	2,893,766	13,498,954	978,789	12,231,766	10,601,992	1,629,764
New Jersey.....	216	375,788	1,491,239	412,276	2,305,547	147,198	2,150,866	1,190,211	900,555
Pennsylvania.....	657	1,192,110	4,162,678	1,451,673	6,892,469	680,857	6,168,625	4,287,556	1,881,069
<b>E. North Central.....</b>	<b>911</b>	<b>3,284,155</b>	<b>9,726,582</b>	<b>4,039,655</b>	<b>17,178,204</b>	<b>967,658</b>	<b>16,117,771</b>	<b>11,872,983</b>	<b>4,245,688</b>
Ohio.....	239	649,244	1,760,149	743,148	3,192,656	199,511	2,963,343	2,076,085	906,258
Indiana.....	126	235,282	936,072	296,855	1,579,729	81,499	1,494,545	1,116,784	377,761
Illinois.....	373	1,724,739	4,660,765	2,048,469	8,488,248	490,002	7,955,074	6,265,104	1,689,970
Michigan.....	78	490,484	1,446,267	684,849	2,469,747	135,912	2,342,475	1,552,312	790,163
Wisconsin.....	95	184,406	914,309	316,335	1,427,724	80,734	1,343,334	861,798	481,636
<b>W. North Central.....</b>	<b>736</b>	<b>1,283,252</b>	<b>3,707,622</b>	<b>1,831,957</b>	<b>6,837,892</b>	<b>344,696</b>	<b>6,467,217</b>	<b>5,352,125</b>	<b>1,115,092</b>
Minnesota.....	181	401,010	1,128,484	503,223	2,049,622	118,802	1,920,327	1,443,428	476,899
Iowa.....	97	135,847	443,957	207,971	793,023	37,917	753,782	609,697	144,085
Missouri.....	81	396,714	792,108	477,545	1,665,721	84,105	1,576,116	1,360,110	216,006
North Dakota.....	41	24,823	169,697	52,534	248,747	9,896	238,200	180,511	57,689
South Dakota.....	25	36,383	148,059	59,304	245,798	10,358	234,503	191,003	43,500
Nebraska.....	127	141,665	528,713	272,973	949,181	44,261	899,784	798,168	101,616
Kansas.....	174	126,810	496,604	256,307	886,805	40,768	844,608	769,208	75,297
<b>South Atlantic.....</b>	<b>469</b>	<b>1,224,896</b>	<b>3,442,622</b>	<b>1,645,388</b>	<b>6,396,710</b>	<b>345,499</b>	<b>6,025,349</b>	<b>4,764,199</b>	<b>1,261,653</b>
Delaware.....	13	9,057	25,370	8,737	43,657	5,231	38,365	25,267	12,908
Maryland.....	83	103,979	468,067	173,529	753,889	48,199	703,772	529,021	174,751
Dist. of Columbia.....	9	96,720	372,566	169,010	645,587	31,314	610,830	503,388	107,442
Virginia.....	131	265,073	572,249	272,693	1,122,253	71,299	1,046,686	743,118	303,568
West Virginia.....	76	86,194	296,574	125,264	512,790	33,109	476,758	341,717	135,041
North Carolina.....	45	100,998	276,537	139,604	520,426	23,926	494,337	402,903	91,434
South Carolina.....	23	76,974	236,758	118,662	435,629	18,880	417,336	367,250	50,086
Georgia.....	49	265,084	463,182	306,955	1,047,225	49,193	993,512	823,527	169,985
Florida.....	60	218,317	730,319	350,924	1,314,265	66,256	1,243,647	1,027,899	215,748
<b>E. South Central.....</b>	<b>253</b>	<b>676,491</b>	<b>1,649,014</b>	<b>860,826</b>	<b>3,216,307</b>	<b>168,670</b>	<b>3,035,247</b>	<b>2,416,715</b>	<b>618,532</b>
Kentucky.....	93	119,769	351,397	170,693	646,144	26,690	607,815	498,764	108,861
Tennessee.....	70	330,748	647,363	378,289	1,369,837	69,030	1,293,612	1,022,964	272,648
Alabama.....	66	192,030	522,609	252,779	978,123	52,147	921,081	729,374	191,707
Mississippi.....	24	33,944	127,648	59,065	223,203	10,803	210,939	165,623	45,316
<b>W. South Central.....</b>	<b>717</b>	<b>1,648,350</b>	<b>3,556,779</b>	<b>2,390,129</b>	<b>7,671,966</b>	<b>402,877</b>	<b>7,238,142</b>	<b>6,470,756</b>	<b>767,386</b>
Arkansas.....	50	67,025	232,636	125,723	427,696	22,066	404,938	347,691	57,247
Louisiana.....	33	199,192	606,029	310,360	1,122,103	49,823	1,073,614	862,530	191,084
Oklahoma.....	200	216,046	831,936	371,753	1,228,629	74,953	1,150,052	1,059,389	90,663
Texas.....	434	1,166,067	2,086,178	1,582,271	4,889,558	256,036	4,609,538	4,181,146	428,392
<b>Mountain.....</b>	<b>200</b>	<b>466,199</b>	<b>1,472,836</b>	<b>683,896</b>	<b>2,623,690</b>	<b>199,825</b>	<b>2,515,639</b>	<b>1,997,159</b>	<b>518,471</b>
Montana.....	39	26,174	183,392	71,522	283,184	11,575	271,032	222,236	48,796
Idaho.....	18	53,644	225,401	75,769	356,631	13,315	343,471	267,560	75,915
Wyoming.....	26	24,606	89,807	48,801	164,128	8,070	156,821	126,178	29,646
Colorado.....	77	129,346	494,522	262,758	890,575	41,635	846,739	674,763	171,976
New Mexico.....	23	51,377	94,306	61,623	208,418	7,923	200,267	170,260	30,037
Arizona.....	3	88,390	138,151	67,742	297,507	10,234	285,833	229,176	56,657
Utah.....	12	58,420	156,075	70,102	286,849	12,373	273,449	213,568	59,886
Nevada.....	5	28,234	91,183	25,559	146,366	5,700	139,968	93,430	45,558
<b>Pacific.....</b>	<b>153</b>	<b>3,194,704</b>	<b>7,166,665</b>	<b>2,739,265</b>	<b>13,242,246</b>	<b>599,731</b>	<b>12,644,325</b>	<b>7,996,299</b>	<b>4,648,026</b>
Washington.....	38	436,669	922,258	426,068	1,797,582	78,970	1,711,280	1,228,405	482,875
Oregon.....	23	242,409	726,403	283,185	1,265,820	56,825	1,204,067	856,378	347,689
California.....	92	2,515,626	5,518,004	2,030,012	10,178,846	463,936	9,628,978	5,910,506	3,718,472
<b>Alaska.....</b>	<b>4</b>	<b>4,685</b>	<b>13,217</b>	<b>11,518</b>	<b>29,549</b>	<b>1,539</b>	<b>28,006</b>	<b>21,042</b>	<b>6,964</b>
<b>Hawaii.....</b>	<b>1</b>	<b>32,249</b>	<b>176,434</b>	<b>42,740</b>	<b>254,226</b>	<b>10,287</b>	<b>243,280</b>	<b>123,733</b>	<b>119,547</b>
<b>Virgin Islands.....</b>	<b>1</b>	<b>752</b>	<b>2,598</b>	<b>866</b>	<b>4,250</b>	<b>325</b>	<b>3,925</b>	<b>1,982</b>	<b>1,918</b>

Includes reserves with Federal Reserve banks and cash items in process of collection.

Source: Treasury Department, Comptroller of the Currency, Annual Report and Abstract of Reports of Condition of National Banks.

No. 429.—NATIONAL BANKS—NUMBER, CAPITAL STOCK, CAPITAL FUNDS, NET PROFITS, DIVIDENDS AND RATIOS: 1929 to 1946  
[Money figures in thousands of dollars. Figures for previous years published in Comptroller of Currency annual report for 1938, p. 115]

BANKING AND FINANCE

YEAR ENDING DEC. 31	Num-ber of banks	CAPITAL STOCK (PAR VALUE) <sup>1</sup>			Capital funds <sup>2</sup>	Net profits before dividends	DIVIDENDS			RATIOS					
		Total	Preferred	Common			On pre-ferred stock	On common stock		Cash divi-ends on preferred stock to preferred capital	Cash divi-ends on common stock to common capital	Total cash divi-ends to capital funds	Net profits be-fore dividends		
								To capital stock	To capital funds						
1929	7,408	1,650,574	-----	1,650,574	3,754,398	291,944	-----	226,662	21,235	-----	Percent	Percent	Percent	Percent	
1930	7,038	1,724,028	-----	1,724,028	3,919,950	158,411	-----	211,272	5,015	-----	-----	-----	-----	-----	-----
1931	6,373	1,680,780	-----	1,680,780	3,753,412	164,550	-----	193,196	827	-----	-----	-----	-----	-----	-----
1932	6,016	1,597,037	-----	1,597,037	3,323,536	164,737	-----	135,381	-----	-----	-----	-----	-----	-----	-----
1933	5,159	1,600,303	92,469	1,507,834	2,981,678	286,116	558	71,106	560	0.60	4.72	2.40	17.69	7.78	7.78
1934	5,467	1,709,043	349,470	1,359,573	2,982,008	153,451	10,103	80,915	1,207	2.89	5.95	3.05	9.19	4.04	4.04
1935	5,392	1,791,324	510,511	1,280,813	3,084,092	158,491	18,862	94,377	4,409	3.69	7.37	3.67	13.25	1.45	1.45
1936	5,331	1,706,528	447,501	1,259,027	3,143,029	313,826	18,166	101,850	16,019	4.06	8.09	3.82	13.25	1.45	1.45
1937	5,266	1,591,788	305,842	1,285,946	3,206,194	228,021	11,532	110,231	26,572	3.77	8.57	1.80	17.88	9.60	9.60
1938	5,230	1,577,738	267,495	1,310,243	3,281,819	198,649	9,378	113,347	19,795	3.51	8.65	3.74	17.88	9.60	9.60
1939	5,193	1,561,521	241,075	1,320,446	3,380,749	251,576	8,911	122,267	8,309	3.70	9.26	3.88	18.98	5.14	5.14
1940	5,150	1,532,315	204,244	1,328,071	3,463,862	241,465	8,175	125,174	12,009	4.00	9.43	3.85	18.39	9.98	9.98
1941	5,123	1,523,454	182,066	1,341,398	3,596,865	269,295	7,816	124,805	14,965	4.29	9.30	3.69	14.32	7.11	7.11
1942	5,087	1,511,123	156,739	1,354,384	3,684,882	243,343	6,683	121,177	8,944	4.26	8.95	3.47	12.59	6.05	6.05
1943	5,046	1,508,170	135,713	1,372,457	3,860,443	350,457	6,158	125,357	41,378	4.54	9.13	3.41	16.11	7.44	7.44
1944	5,031	1,551,116	110,597	1,440,519	4,114,972	411,844	5,296	139,012	33,900	4.79	9.65	3.51	15.76	6.97	6.97
1945	5,023	1,616,884	80,672	1,536,212	4,467,718	490,133	4,131	151,525	77,308	5.12	9.86	3.48	17.68	7.49	7.49
1946	5,013	1,699,833	53,202	1,646,631	4,893,038	494,898	2,427	167,702	28,165	4.56	10.18	3.48	16.10	6.60	6.60

<sup>1</sup> Averages of amounts from reports of conditions made in each year.  
<sup>2</sup> Deficit.  
<sup>3</sup> Licensed banks, i. e., those operating on an unrestricted basis.

Source: Treasury Department, Comptroller of the Currency: Annual Report.



**No. 430.—NATIONAL BANKS—LOANS AND SECURITIES, BY CLASS, AS OF DEC. 31:  
1930 TO 1946**

[In millions of dollars]

CLASS	1930	1935	1940	1944 (Dec. 30)	1945	1946
<b>Loans and discounts, total <sup>1</sup></b> .....	<b>14,360.4</b>	<b>7,586.8</b>	<b>10,027.8</b>	<b>11,497.8</b>	<b>13,948.9</b>	<b>17,309.8</b>
Commercial and industrial loans, including open-market paper.....	(?)	(?)	4,318.4	4,780.3	5,661.8	8,547.1
Agricultural loans.....	(?)	(?)	729.0	909.3	707.2	711.4
Loans to brokers and dealers in securities.....	962.7	426.2	274.1	964.1	1,424.4	783.6
Other loans for the purpose of purchasing or carrying stocks, bonds, and other securities.....	(?)	(?)	369.4	1,166.6	1,094.1	852.6
Real estate loans.....						
On farm land (including improvements).....	301.7	300.0	234.1	168.8	193.2	274.2
On residential property (other than farm)....	1,274.5	1,111.2	1,371.6	1,541.2	1,623.6	2,591.6
On other properties.....			491.5	335.9	389.7	678.0
Loans to banks.....	413.7	63.6	22.7	21.4	26.8	29.8
All other loans, including overdrafts.....	11,386.8	5,686.8	2,217.1	1,511.2	1,907.6	2,841.9
<b>Securities, total</b> .....	<b>7,692.1</b>	<b>11,477.5</b>	<b>13,648.9</b>	<b>47,622.3</b>	<b>55,611.6</b>	<b>46,642.8</b>
U. S. Government direct obligations.....	2,654.8	6,554.8	7,666.5	42,836.3	51,480.0	41,635.8
Obligations guaranteed by U. S.....		1,287.3	2,094.1	642.5	7.7	7.6
Obligations of States and political subdivisions....	1,107.9	1,452.9	2,008.5	2,056.7	2,341.7	2,659.6
Other bonds, notes, and debentures.....	3,076.2	1,966.2	1,694.1	1,345.4	1,666.9	1,966.3
Corporate stocks.....	212.5	216.3	212.9	141.4	146.3	153.4
Claims, judgments, etc.....	40.7					

<sup>1</sup> Includes overdrafts.

<sup>2</sup> Not available.

Source: Treasury Department, Comptroller of the Currency; Annual Report and Abstract of Reports of Condition of National Banks.

**No. 431.—NATIONAL BANKS—FIDUCIARY ACTIVITIES: 1930 TO 1946**

[Money figures, except averages, in millions of dollars]

ITEM	1930 (June 30)	1935 (June 30)	1940 (June 30)	1944 (Dec. 30)	1945 (Dec. 31)	1946 (Dec. 31)
<b>Banks authorized to exercise fiduciary powers</b>						
Number, total.....	2,472	1,982	1,877	1,791	1,788	1,782
Number exercising powers.....	1,829	1,578	1,540	1,603	1,504	1,607
Number having authority but not exer- cising powers.....	643	354	337	288	284	275
Assets, total.....	23,529.1	22,543.5	32,307.2	65,575.6	76,015.8	70,564.0
<b>Trusts, individual, total number</b> .....	<b>79,912</b>	<b>129,711</b>	<b>137,629</b>	<b>146,090</b>	<b>153,833</b>	<b>163,866</b>
Living trusts.....	(?)	69,162	71,062	78,133	81,727	87,988
Court trusts.....	(?)	60,549	66,567	67,957	72,106	75,878
<b>Trusts assets, individual, total value</b> .....	<b>4,473.0</b>	<b>9,251.3</b>	<b>9,345.4</b>	<b>14,209.0</b>	<b>15,764.8</b>	<b>17,832.4</b>
Investments, total.....	3,705.9	8,342.0	7,492.6	11,114.0	12,031.8	14,061.1
Bonds.....	(?)	4,066.3	3,790.8	7,165.5	8,082.4	9,336.1
Stocks.....	(?)	2,442.4	2,310.1	2,806.2	2,823.1	3,487.9
Real-estate mortgages.....	(?)	663.9	518.6	363.9	336.6	357.6
Real estate.....	(?)	597.6	552.5	467.8	465.1	494.5
Miscellaneous.....	(?)	571.8	320.5	308.5	324.7	375.1
Deposits in savings banks.....	8.7	20.2				
Deposits in own banks.....	153.5	354.3	526.7	630.0	749.2	834.6
Deposits in other banks.....	16.8	8.3				
Other assets.....	589.1	526.5	1,326.2	2,555.1	2,983.8	2,966.7
<b>Trusts, corporate, number</b> .....	<b>11,511</b>	<b>16,801</b>	<b>10,272</b>	<b>20,632</b>	<b>18,507</b>	<b>18,379</b>
<b>Bond issues outstanding, bank acting as trustee</b> .....	<b>11,808.7</b>	<b>11,606.1</b>	<b>9,217.7</b>	<b>8,674.4</b>	<b>8,195.1</b>	<b>8,576.0</b>
<b>Gross earnings of trust departments reporting fees</b> .....	<b>22.8</b>	<b>26.5</b>	<b>31.7</b>	<b>(?)</b>	<b>(?)</b>	<b>(?)</b>
Average per trust <sup>1</sup> .....	\$248	\$184	\$206	\$224	\$236	\$276
Average per trust department <sup>1</sup> .....	\$14,839	\$16,723	\$22,742	\$26,312	\$28,504	\$35,128

<sup>1</sup> No data available.

<sup>2</sup> Based on earnings of banks reporting trust earnings.

Source: Treasury Department, Comptroller of the Currency; Annual Report.

### No. 432.—SAVINGS BANKS—NUMBER OF DEPOSITORS AND AMOUNT OF SAVINGS DEPOSITS, CONTINENTAL UNITED STATES: 1820 TO 1910

[Data for later years as of June 30 or about June 30. In earlier years reports were of various dates. Prior to 1900 data include both mutual and stock savings banks; beginning 1900 they are for mutual savings banks only, which in that year had about 90 percent of savings deposits in all savings banks. For figures for later years and also savings deposits in all classes of banks, see table 433.]

[Depositors in thousands, deposits in millions of dollars]

YEAR	Depositors	Savings deposits	YEAR	Depositors	Savings deposits	YEAR	Depositors	Savings deposits
1820	9	1.1	1890	4,259	1,524.8	1901	5,612	2,260.3
1830	38	7.0	1892	4,782	1,712.8	1902	5,571	2,290.2
1840	79	14.1	1893	4,831	1,785.2	1903	5,117	2,512.5
1850	241	43.4	1894	4,778	1,748.0	1904	5,286	2,602.0
1860	694	149.3	1895	4,876	1,810.5	1905	5,454	2,736.5
1865	981	242.5	1896	5,055	1,907.2	1906	5,753	2,908.7
1870	1,631	549.9	1897	5,201	1,939.4	1907	7,071	3,055.3
1875	2,360	924.0	1898	5,229	2,027.2	1908	7,137	3,065.7
1880	2,336	819.1	1899	5,324	2,179.5	1909	7,205	3,144.6
1885	3,071	1,095.2	1900	5,370	2,134.5	1910	7,453	3,260.6

Source: Treasury Department, Comptroller of the Currency, Annual Report.

### No. 433.—SAVINGS AND OTHER TIME DEPOSITS AND DEPOSITORS IN BANKS, CONTINENTAL UNITED STATES: 1910 TO 1942

[Savings and other time deposits in State banks and trust companies, stock savings and private banks, are not shown for earlier years, as data are incomplete. Figures for this class of banks and totals exclude 6 States in 1926 and 1927, 4 in 1928 to 1930, 3 in 1931, 2 in 1932 and 1933, and 1 in 1934 to 1937, and include for a number of others incomplete or estimated data or data for an earlier year.]

ON OR ABOUT JUNE 30—	SAVINGS AND OTHER TIME DEPOSITS (MILLIONS OF DOLLARS) <sup>1</sup>				SAVINGS AND OTHER TIME DEPOSITORS (THOUSANDS)			
	All banks	Mutual savings banks	State, etc., banks <sup>2</sup>	National banks	All banks	Mutual savings banks	State, etc., banks <sup>2</sup>	National banks
1910	4,835	(*) (*)	(*)	1,014	—	(*)	—	2,057
1911	7,963	3,459	3,024	1,480	—	7,491	—	2,341
1912	8,404	3,809	3,290	1,538	—	7,880	—	2,575
1913	8,548	3,812	3,368	1,369	—	8,034	—	2,968
1914	8,712	3,910	3,348	1,454	—	7,901	—	—
1915	8,807	3,945	3,541	1,321	—	7,643	—	—
1916	9,459	4,102	3,641	1,716	—	7,917	—	—
1917	10,876	4,339	4,364	2,173	—	8,651	—	—
1918	11,588	4,382	4,817	2,336	—	8,326	—	—
1919	13,040	4,732	5,532	2,776	—	9,040	—	6,763
1920	15,189	5,058	6,668	3,463	—	9,079	—	7,980
1921	16,301	5,568	7,255	3,577	—	9,652	—	8,109
1922	17,579	5,818	7,687	4,074	—	9,687	—	8,873
1923	19,727	6,273	8,767	4,686	—	10,046	—	9,899
1924	21,189	6,693	9,337	5,158	—	10,384	—	11,088
1925	23,134	7,152	10,172	5,810	—	10,639	—	11,865
1926	24,696	7,525	10,993	6,178	46,762	10,950	23,242	12,570
1927	26,091	8,040	10,963	7,088	48,355	11,190	22,628	14,237
1928	28,413	8,668	11,695	8,050	53,188	11,643	25,364	16,181
1929	28,318	8,904	11,426	7,589	52,764	11,875	25,467	16,423
1930	28,479	9,206	11,176	8,097	52,729	12,077	25,115	15,537
1931	28,220	10,034	10,141	8,045	51,399	12,544	23,662	15,193
1932	24,281	10,040	7,293	6,958	44,352	12,735	17,530	14,097
1933	21,126	9,760	5,453	5,912	39,262	12,905	14,289	11,978
1934	21,753	9,608	5,452	6,498	39,562	13,342	12,734	13,486
1935	22,614	9,872	5,873	6,869	41,315	13,416	13,631	14,269
1936	23,464	10,010	6,265	7,188	42,397	13,374	13,988	15,035
1937	24,492	10,164	6,794	7,534	44,236	13,526	14,977	15,723
1938	24,626	10,151	6,876	7,599	44,546	14,132	14,549	15,868
1939	25,081	10,385	7,003	7,693	45,104	14,193	14,988	15,924
1940	25,760	10,684	7,272	7,894	45,791	14,524	15,139	16,139
1941	26,149	10,601	7,494	8,053	46,151	14,621	15,048	16,489
1942	25,487	10,351	7,294	7,842	45,417	14,441	14,923	15,053

<sup>1</sup> Includes deposits evidenced by savings passbooks, time certificates of deposit payable in 30 days or over time deposits, open account, postal savings redeposited in banks, and, for some States, Christmas savings and similar accounts.

<sup>2</sup> Includes State, stock savings, and private banks and trust companies.

<sup>3</sup> Combined data for other than national banks included in total.

<sup>4</sup> For data for 1910 and earlier years from reports of the Comptroller of Currency, see table 432.

<sup>5</sup> Not available.

<sup>6</sup> Figures include depositors for State-chartered banks in States which did not previously report depositors as follows (figures in parentheses are the number of depositors for the first year the given States reported): Beginning 1928, Ohio and Idaho (2,376,000 depositors); beginning 1931, Missouri (623,000 depositors); beginning 1932, Colorado (50,000 depositors); and beginning 1934, Indiana (286,000 depositors).

<sup>7</sup> Represents the number of savings passbook accounts.

Source: American Bankers' Association, report on Savings Deposits and Depositors, except 1941 and 1942 figures which are not published elsewhere.

**No. 484.—SAVINGS AND OTHER TIME DEPOSITS AND DEPOSITORS IN ALL BANKS AND TRUST COMPANIES, BY STATES AND FOR HAWAII, ON OR ABOUT JUNE 30: 1920 TO 1942**

DIVISION AND STATE	SAVINGS AND OTHER TIME DEPOSITS (MILLIONS OF DOLLARS)							SAVINGS AND OTHER TIME DE- POSITORS (THOUSANDS) <sup>1</sup>	
	1920	1925	1930	1935	1940	1941	1942	1941	1942
<b>Continental U. S.</b> .....	15,188.6	23,134.1	28,478.6	22,614.0	25,750.1	26,149.2	25,486.6	46,151	45,417
<b>New England</b> .....	2,639.9	3,750.2	4,832.3	4,303.8	4,449.7	4,488.9	4,451.7	7,092	7,059
Maine.....	204.6	265.7	319.3	235.4	251.5	251.3	244.4	557	555
New Hampshire.....	147.8	190.5	227.1	217.7	230.0	231.6	231.7	378	382
Vermont.....	133.1	173.4	205.1	143.7	137.2	138.6	135.0	268	263
Massachusetts.....	1,471.6	2,139.5	2,800.1	2,507.5	2,545.5	2,545.9	2,515.7	3,759	3,718
Rhode Island.....	215.4	299.2	372.6	334.1	341.8	342.7	335.7	617	623
Connecticut.....	467.5	681.9	908.2	865.3	943.7	978.8	989.2	1,513	1,518
<b>Middle Atlantic</b> .....	4,705.3	8,773.6	11,789.6	10,307.9	11,283.5	11,322.1	10,753.9	18,066	17,556
New York.....	2,807.8	5,546.1	7,616.2	6,935.0	7,639.1	7,651.9	7,350.1	10,724	10,410
New Jersey.....	576.9	1,040.0	1,397.3	1,175.5	1,224.2	1,242.7	1,220.0	2,567	2,646
Pennsylvania.....	1,320.6	2,187.5	2,776.1	2,197.4	2,420.2	2,427.5	2,183.8	4,775	4,500
<b>East North Central</b> .....	2,779.3	4,074.3	4,817.2	2,712.1	3,689.0	3,825.4	3,809.2	8,363	8,178
Ohio.....	811.9	1,164.1	1,410.8	895.1	1,107.4	1,146.4	1,160.2	2,500	2,537
Indiana.....	281.2	259.5	361.1	246.6	343.9	361.9	361.3	672	655
Illinois.....	685.1	1,258.6	1,366.9	781.4	1,088.1	1,100.0	1,055.3	2,423	2,303
Michigan.....	651.3	939.0	1,156.9	437.5	696.7	756.5	760.6	1,707	1,673
Wisconsin.....	349.8	453.1	521.5	351.6	452.9	460.6	471.8	1,061	1,010
<b>West North Central</b> .....	1,803.1	1,976.1	1,734.5	975.3	1,152.5	1,172.4	1,167.1	2,517	2,551
Minnesota.....	485.3	536.6	507.1	345.6	398.4	402.1	397.9	809	781
Iowa.....	551.4	524.9	465.2	169.9	240.6	249.2	251.7	537	526
Missouri.....	247.4	372.2	391.3	259.0	311.0	318.0	310.8	758	792
North Dakota.....	121.5	95.9	57.5	31.2	29.0	29.8	31.1	57	52
South Dakota.....	134.9	102.1	67.4	25.5	30.1	30.4	31.0	57	55
Nebraska.....	155.4	213.2	137.0	66.7	64.1	63.1	62.6	127	153
Kansas.....	107.2	131.2	109.0	77.4	79.5	79.8	82.5	172	193
<b>South Atlantic</b> .....	1,034.9	1,418.7	1,534.7	1,181.0	1,391.5	1,455.9	1,451.3	3,192	3,184
Delaware.....	35.9	50.1	63.1	67.2	83.0	85.4	82.8	152	152
Maryland.....	265.1	385.8	512.2	396.6	436.9	440.4	434.1	955	947
Dist. of Columbia.....	33.4	80.8	105.0	103.3	118.3	124.8	127.9	295	297
Virginia.....	152.8	216.8	246.7	223.6	268.2	290.3	296.2	519	544
West Virginia.....	111.4	150.6	155.6	109.9	126.7	126.6	122.3	297	287
North Carolina.....	121.7	142.3	146.2	84.9	118.1	127.7	130.0	262	264
South Carolina.....	112.0	112.0	76.9	29.7	34.6	37.9	37.7	76	75
Georgia.....	137.5	182.0	141.4	106.2	124.1	132.9	132.5	406	396
Florida.....	65.1	148.3	87.6	57.6	81.7	89.9	87.8	230	220
<b>East South Central</b> .....	321.7	506.9	594.0	409.2	492.7	496.4	493.9	962	984
Kentucky.....	96.1	176.4	212.2	140.9	147.4	135.6	128.6	205	192
Tennessee.....	104.2	155.2	186.5	134.6	171.2	178.2	180.1	397	362
Alabama.....	60.2	93.1	100.8	77.0	103.0	108.8	115.2	319	337
Mississippi.....	61.2	82.2	94.5	56.7	71.1	73.8	70.0	41	93
<b>West South Central</b> .....	311.6	440.1	557.4	379.9	448.5	453.2	428.7	997	979
Arkansas.....	34.3	65.2	77.2	41.2	47.4	48.2	48.1	87	83
Louisiana.....	99.5	123.3	144.1	85.3	114.1	116.0	110.7	353	370
Oklahoma.....	85.6	87.3	109.9	70.1	76.6	76.5	70.8	146	138
Texas.....	92.2	164.3	226.2	183.3	210.4	212.5	199.1	411	388
<b>Mountain</b> .....	348.2	331.2	375.3	251.5	311.0	318.4	323.7	688	684
Montana.....	75.5	55.8	69.2	36.4	41.4	40.5	38.7	76	74
Idaho.....	32.5	25.8	33.6	20.6	30.6	32.9	37.9	62	59
Wyoming.....	21.0	20.9	25.4	19.1	22.5	22.4	21.0	43	39
Colorado.....	102.9	116.2	112.4	88.8	93.5	93.5	91.2	221	226
New Mexico.....	13.2	7.3	11.9	8.3	13.6	14.9	15.2	27	27
Arizona.....	37.0	26.4	32.5	18.4	29.9	30.9	30.8	59	58
Utah.....	51.6	61.2	69.0	51.6	63.0	65.7	70.2	175	174
Nevada.....	14.5	17.5	21.3	8.3	16.6	17.6	18.7	25	27
<b>Pacific</b> .....	1,244.8	1,863.3	2,243.7	2,093.2	2,531.7	2,616.5	2,607.1	4,274	4,242
Washington.....	159.4	181.3	227.5	169.4	241.2	252.2	266.0	552	567
Oregon.....	76.1	105.9	123.4	90.5	122.2	129.5	135.3	291	288
California.....	1,009.3	1,576.1	1,892.8	1,833.3	2,168.4	2,234.8	2,205.8	3,431	3,367
Hawaii.....			53.5	49.4	64.8	74.9	72.2	217	196

<sup>1</sup> Figures included for national banks for both years represent number of savings-passbook accounts.

<sup>2</sup> Incomplete.

<sup>3</sup> Data for mutual savings banks as of Oct. 31.

<sup>4</sup> Excludes State bank depositors.

<sup>5</sup> Data for banks other than national are for 1929.

<sup>6</sup> Includes 1924 data for State banks.

Source: American Bankers' Association, report on Savings Deposits and Depositors, except 1941 and 1942 figures which are not published elsewhere.

## No. 485.—SAVING BY INDIVIDUALS IN THE UNITED STATES: 1940 TO 1947

[In billions of dollars. Includes unincorporated business savings of types specified but excludes corporate or Government saving. Current data are necessarily estimates and therefore subject to revision.]

TYPE	1940	1941	1942	1943	1944	1945	1946	1947
Gross saving, total.....	+15.1	+21.6	+28.6	+48.4	+49.9	+46.0	22.2	+24.2
Liquid saving, total.....	+4.1	+10.3	+20.9	+38.8	+41.2	+38.9	+14.4	+2.9
Currency and bank deposits.....	+2.9	+4.9	+10.9	+16.1	+17.5	+19.0	+11.9	+2.2
Savings and loan associations.....	+1.2	+5.4	+10.0	+12.7	+13.7	+11.1	+1.1	+1.2
Insurance and pension reserves.....	+2.1	+4.0	+5.0	+6.8	+8.2	+8.5	+6.9	+6.6
Private insurance.....	+1.8	+2.1	+3.5	+2.9	+3.2	+3.5	+3.4	+3.2
Government insurance.....	+1.3	+1.9	+2.5	+3.9	+4.9	+5.1	+3.4	+3.4
Securities, total <sup>1</sup> .....	+1.8	+2.9	+10.4	+13.7	+14.9	+2.6	+1.0	+4.0
U. S. savings bonds.....	+1.9	+2.8	+8.0	+11.1	+11.8	+6.8	+1.9	+1.8
Other U. S. Government <sup>2</sup> .....	-.3	+.7	+2.4	+3.1	+4.0	+3.7	(?)	+1.2
State and local government.....	-.4	-.8	-.2	(?)	-.1	-.2	-.4	+.3
Corporate and other.....	-.2	-.3	+.3	-.5	-.8	-.7	+.4	+1.2
Liquidation of mortgage debt <sup>3</sup> .....	-.9	-.9	-.1	+.3	+.1	-.2	-3.8	-2.8
Liquidation of debt not elsewhere classified <sup>4</sup> .....	-1.2	-1.0	+3.3	+1.3	-.2	-1.1	-2.2	-2.9
Nonfarm dwellings <sup>5</sup> .....	+2.1	+3.6	+1.9	+1.1	+1.0	+1.1	+2.9	+5.5
Other durable consumers' goods <sup>6</sup> .....	+7.9	+2.7	+4.8	+6.5	+6.8	+8.0	+14.9	+19.8

<sup>1</sup> Does not include net purchases by brokers and dealers or by other individuals financed by bank loans.

<sup>2</sup> Includes Armed Forces Leave bonds.

<sup>3</sup> Less than \$50 million.

<sup>4</sup> Mortgage debt to institutions on one-to-four family nonfarm dwellings.

<sup>5</sup> Largely attributable to purchases of automobiles and other durable consumers' goods, although including some debt arising from purchases of consumption goods. Other segments of individuals' debt have been allocated to assets to which they pertain, viz., saving in savings and loan associations, insurance and securities.

<sup>6</sup> Construction of one-to-four nonfarm dwellings less net acquisition of properties by non-individuals. Also includes small amount of construction by non-profit institutions.

<sup>7</sup> Consumer expenditures on durable goods as estimated by Department of Commerce.

Source: Securities and Exchange Commission; data are published quarterly in a special release and in the Statistical Bulletin.

## No. 486.—PERCENT DISTRIBUTION OF FAMILY LIQUID ASSETS AND SAVING, BY INCOME GROUPS: 1946

[National estimate based on sample interview survey of 2,720 families, defined as all (one or more) persons living in same household and related by blood, marriage, or adoption. Universe covered is population of U. S. residing in private households during interview period, which was January through March 1947. Following groups are excluded: (1) Members of armed forces living at military reservations; (2) residents of hospitals and in religious, educational, and penal institutions; and (3) floating population, that is, people living in hotels, large boarding houses, and tourist camps.]

ANNUAL 1946 MONEY INCOME BEFORE TAXES	Liquid assets <sup>1</sup>	Positive saving <sup>2</sup>	Negative saving <sup>2</sup>	Net saving <sup>2</sup>
All income groups.....	100	100	100	100
Under \$1,000.....	4	1	17	-6
\$1,000-\$1,999.....	9	1	17	1
\$2,000-\$2,999.....	15	12	26	7
\$3,000-\$3,999.....	15	18	17	16
\$4,000-\$4,999.....	13	13	14	12
\$5,000-\$7,499.....	16	16	6	19
\$7,500 and over.....	28	34	8	48

<sup>1</sup> Liquid assets include all U. S. Government securities, checking accounts, and savings accounts held at time of survey in early 1947. Currency is excluded.

<sup>2</sup> Positive saving comprises the saving of all family units with money incomes in excess of expenditures, negative saving comprises the dissaving of all family units with expenditures in excess of money incomes, and net saving (plus or minus) is positive saving less negative saving for all family units combined. The survey does not undertake to measure directly consumer expenditures and taxes but measures the saving of each family by obtaining detailed information on the changes in the various asset and liability items that make up each unit's balance sheet of saving. The saving of each unit during the year is computed by subtracting algebraically the total change in its liabilities (plus or minus) from the total change in its assets (plus or minus). Positive saving results from a larger increase in assets than in liabilities or a larger decrease in liabilities than in assets. The reverse is true for negative saving. The more important asset and liability items for which information is obtained are changes in liquid asset holdings, changes in consumer indebtedness, net sales or purchases of stocks and bonds, payments of life insurance premiums, payments to retirement funds, net sales and purchases of houses, payments on house mortgages, house improvements, and investment or withdrawal of investment in unincorporated businesses. Capital gains or losses are excluded from saving.

Source: Board of Governors of the Federal Reserve System, published in Federal Reserve Bulletin, June, July, and August, 1947.

## No. 437.—ESTIMATED SAVINGS OF INDIVIDUALS IN SELECTED MEDIA: 1920 TO 1947

[In millions of dollars]

DEC. 31—	Total	Savings and loan assns. <sup>1</sup>	Life insurance companies <sup>2</sup>	Mutual savings banks <sup>3</sup>	Commercial banks <sup>4</sup>	Postal savings <sup>5</sup>	U. S. savings bonds <sup>6</sup>	Net increase during year
1920	23,508	1,741	5,488	4,806	10,546	166	761	
1921	25,278	1,965	5,893	5,541	11,079	148	652	1,770
1922	27,709	2,210	6,380	5,985	12,289	125	730	2,431
1923	30,355	2,626	6,961	6,494	13,656	135	373	2,546
1924	33,363	3,153	7,705	6,912	15,044	137	411	3,108
1925	36,580	3,511	8,592	7,349	16,314	136	376	3,217
1926	39,507	4,378	9,594	7,799	17,237	143	356	2,927
1927	43,099	5,027	10,645	8,352	18,674	153	245	3,592
1928	45,823	5,762	11,782	8,731	19,295	156	95	2,724
1929	47,169	6,237	12,891	8,797	19,165	169		1,346
1930	48,267	6,296	13,690	9,384	18,447	260		1,098
1931	46,716	5,916	14,293	9,039	15,955	613		-1,561
1932	42,551	5,326	14,319	9,890	12,101	915		-4,165
1933	41,077	4,750	14,613	9,506	10,979	1,229		-1,474
1934	43,039	4,458	15,687	9,870	11,992	1,232		1,962
1935	45,667	4,254	17,203	9,829	12,399	1,229	153	2,526
1936	48,355	4,131	18,736	10,013	13,700	1,291	475	2,788
1937	50,990	4,015	20,181	10,126	14,410	1,303	964	2,644
1938	52,907	4,065	21,512	10,235	14,427	1,286	1,442	1,908
1939	55,645	4,060	23,024	10,481	14,865	1,315	1,900	2,728
1940	58,998	4,272	24,663	10,618	15,403	1,342	2,700	3,368
1941	63,849	4,652	26,592	10,490	15,523	1,392	5,200	4,851
1942	75,080	4,910	28,734	10,621	16,056	1,459	13,300	11,231
1943	94,004	5,494	31,385	11,707	19,001	1,827	24,600	16,924
1944	116,226	6,305	34,212	13,332	23,371	2,406	36,100	22,222
1945	135,948	7,365	37,509	15,332	29,929	3,013	42,800	19,722
1946	146,700	8,548	40,713	16,813	33,447	3,379	43,800	16,752
1947 (prel.)	155,700	9,700	44,000	17,800	36,000	3,500	45,700	9,000

<sup>1</sup> Estimated private investments including deposits and investment securities. Excludes shares pledged against mortgage loans. Source: Home Loan Bank Board.

<sup>2</sup> Estimated accumulations in U. S. life insurance companies. Formula revised to agree with that used by Institute of Life Insurance; includes reserves plus dividends left to accumulate, minus premium notes and policy loans. Source: The Spectator.

<sup>3</sup> Deposits. Source: Mutual Savings Banking, published by National Assn. of Mutual Savings Banks. Prior to 1938 data based on savings deposits in mutual savings banks as reported by Comptroller of Currency. All figures include a small percentage of Christmas savings and other special accounts in addition to regular deposits.

<sup>4</sup> Revised. Time deposits of individuals, partnerships, and corporations. From 1920 to 1935, based on Comptroller of Currency figures as of June 30 for all national, State commercial and stock savings banks and trust companies. Interpolations as of Dec. 31 prepared by Operating Analysis Division. From 1936 to 1946, Dec. 31 figures as reported by Comptroller of Currency. Source: Comptroller of Currency and Home Loan Bank Board.

<sup>5</sup> Due depositors. Outstanding principal and accrued interest on certificates of deposit, outstanding savings stamps, and unclaimed deposits. Source: P. O. Dept.

<sup>6</sup> Current redemption value of savings held by individuals at year-end. From 1920 to 1928, War Savings Securities; 1935 to date includes U. S. Savings Bonds, Series A-G. Data revised for 1939-46. Source: U. S. Treasury Dept.

Source: Housing and Home Finance Agency; Home Loan Bank Board.

## No. 438.—COMMERCIAL LOAN RATES—AVERAGES OF RATES CHARGED CUSTOMERS BY BANKS IN PRINCIPAL CITIES: 1930 TO 1947

[Percent per annum. Prior to 1939, figures reported on basis not strictly comparable with current series]

YEAR	Total 19 cities	New York City	7 other Northern and Eastern cities	11 Southern and Western cities	YEAR	Total 19 cities	New York City	7 other Northern and Eastern cities	11 Southern and Western cities
1930	4.85	4.39	4.84	5.40	1939	2.78	2.07	2.87	2.51
1931	4.30	3.82	4.26	4.90	1940	2.63	2.04	2.66	2.38
1932	4.71	4.20	4.81	5.21	1941	2.54	1.97	2.58	2.19
1933	4.27	3.43	4.46	5.04	1942	2.61	2.07	2.58	2.26
1934	3.45	2.45	3.71	4.32	1943	2.72	2.30	2.80	2.13
1935	2.93	1.76	3.39	3.75	1944	2.59	2.11	2.68	2.62
1936	2.65	1.72	3.04	3.40	1945	2.39	1.99	2.51	2.73
1937	2.59	1.73	2.88	3.25	1946	2.34	1.83	2.43	2.55
1938	2.53	1.68	2.75	3.26	1947	2.28	1.81	2.33	2.76

Source: Board of Governors of the Federal Reserve System; Banking and Monetary Statistics. Quarterly data published currently in Federal Reserve Bulletin.

No. 439.—CONSUMER CREDIT, BY MAJOR PARTS: 1929 TO 1947

[In millions of dollars. Estimated amounts outstanding]

END OF YEAR	Total con- sumer credit	INSTALLMENT CREDIT					Single- pay- ment loans <sup>2</sup>	Charge ac- counts	Service credit
		Total install- ment credit	Sale credit			Loans <sup>1</sup>			
			Total	Auto- mobile	Other				
1929.....	7, 637	3, 167	2, 515	1, 318	1, 197	652	2, 125	1, 749	596
1930.....	6, 829	2, 696	2, 032	928	1, 104	664	1, 949	1, 611	573
1931.....	5, 526	2, 212	1, 595	637	958	617	1, 402	1, 381	531
1932.....	4, 093	1, 526	999	322	677	527	962	1, 114	491
1933.....	3, 929	1, 605	1, 122	459	663	483	776	1, 081	467
1934.....	4, 396	1, 867	1, 317	576	741	550	875	1, 203	451
1935.....	5, 439	2, 627	1, 805	940	865	822	1, 048	1, 292	472
1936.....	6, 796	3, 526	2, 436	1, 289	1, 147	1, 090	1, 331	1, 419	520
1937.....	7, 491	3, 971	2, 752	1, 384	1, 368	1, 219	1, 504	1, 459	557
1938.....	7, 064	3, 612	2, 313	970	1, 343	1, 299	1, 442	1, 487	523
1939.....	7, 994	4, 449	2, 792	1, 267	1, 525	1, 657	1, 468	1, 544	533
1940.....	9, 146	5, 448	3, 450	1, 729	1, 721	1, 998	1, 488	1, 650	560
1941.....	9, 895	5, 920	3, 744	1, 942	1, 802	2, 176	1, 601	1, 764	610
1942.....	6, 478	2, 948	1, 491	482	1, 009	1, 457	1, 369	1, 513	648
1943.....	5, 334	1, 957	814	175	639	1, 143	1, 192	1, 496	687
1944.....	5, 776	2, 034	835	200	635	1, 199	1, 255	1, 758	729
1945.....	6, 638	2, 365	903	227	676	1, 462	1, 519	1, 981	772
1946.....	10, 166	3, 976	1, 558	544	1, 014	2, 418	2, 262	3, 054	874
1947 <sup>3</sup> .....	13, 368	6, 152	2, 843	1, 159	1, 684	3, 309	2, 697	3, 598	921

<sup>1</sup> Includes repair and modernization loans insured by Federal Housing Administration.  
<sup>2</sup> An estimated total of noninstalment consumer loans; i. e., single-payment loans of commercial banks and loans by pawnbrokers.      <sup>3</sup> Preliminary.

Source: Board of Governors of the Federal Reserve System. Figures published currently in Federal Reserve Bulletin.

No. 440.—CONSUMER INSTALLMENT LOANS: 1929 TO 1947

[In millions of dollars. Estimated amounts outstanding]

END OF YEAR	Total	Com- mercial banks <sup>1</sup>	Small loan com- panies	Indus- trial banks <sup>1</sup>	Indus- trial loan com- panies <sup>1</sup>	Credit unions	Miscel- laneous lenders	Insured repair and modern- ization loans <sup>2</sup>
1929.....	652	43	263	219		32	95	.....
1930.....	664	45	277	218		31	93	.....
1931.....	617	39	287	184		29	78	.....
1932.....	527	31	268	143		27	58	.....
1933.....	483	29	256	121		27	50	.....
1934.....	550	44	264	125		32	60	25
1935.....	822	88	287	156		44	79	168
1936.....	1,090	161	326	191		66	102	244
1937.....	1,219	258	374	221		93	125	148
1938.....	1,299	312	380	129	95	112	117	154
1939.....	1,657	523	448	131	99	147	96	213
1940.....	1,998	692	498	132	104	189	99	284
1941.....	2,176	784	531	134	107	217	102	301
1942.....	1,457	426	417	89	72	147	91	215
1943.....	1,143	316	364	67	59	123	86	126
1944.....	1,199	357	384	68	60	122	88	120
1945.....	1,462	477	439	76	70	128	93	179
1946.....	2,418	956	608	117	98	185	110	244
1947 <sup>3</sup> .....	3,309	1,353	713	168	134	269	120	552

<sup>1</sup> Includes only personal installment cash loans, retail automobile direct loans, and other retail direct loans.  
<sup>2</sup> Comprises loans insured by Federal Housing Administration.      <sup>3</sup> Preliminary.

Source: Board of Governors of the Federal Reserve System. Figures published currently in Federal Reserve Bulletin.



No. 441.—CONSUMER INSTALLMENT SALE CREDIT, EXCLUDING AUTOMOBILE CREDIT:  
1929 TO 1947

[In millions of dollars. Estimated amounts outstanding]

END OF YEAR	Total, ex- cluding automobile	Depart- ment stores and mail order houses	Furniture stores	Household appliance stores	Jewelry stores	All other retail stores
1929.....	1, 197	160	583	265	86	133
1930.....	1, 104	155	539	222	47	141
1931.....	958	138	454	185	45	136
1932.....	677	103	313	121	30	110
1933.....	663	119	290	119	29	97
1934.....	741	146	314	131	35	115
1935.....	865	186	336	171	40	132
1936.....	1, 147	256	406	255	56	174
1937.....	1, 368	314	469	307	68	210
1938.....	1, 343	302	485	266	70	220
1939.....	1, 525	377	336	273	93	246
1940.....	1, 721	430	590	302	110	271
1941.....	1, 802	406	619	313	120	284
1942.....	1, 009	252	391	130	77	159
1943.....	639	172	271	29	66	101
1944.....	635	183	269	13	70	100
1945.....	676	198	263	14	74	107
1946.....	1, 014	337	366	28	123	160
1947 <sup>1</sup> .....	1, 684	649	817	53	200	265

<sup>1</sup> Preliminary.

Source: Board of Governors of the Federal Reserve System. Figures are published currently in Federal Reserve Bulletin.

No. 442.—MONEY RATES—OPEN-MARKET RATES IN NEW YORK CITY:  
1934 TO 1947

[Percent per annum]

YEARLY AVERAGE	Prime commen- cial paper, 4 to 6 months	Prime bankers' accept- ances, 90 days	Stock ex- change time loans, 90 days	Stock ex- change call loan renewals	YIELDS ON U. S. GOVERNMENT SECURITIES		
					3-month bills <sup>1</sup>	9- to 12- month certif- icates of indebt- edness	3- to 5- year taxable notes
1934.....	1.02	0.25	0.90	1.00	0.256	.....	.....
1935.....	.76	.13	.56	.56	.137	.....	.....
1936.....	.75	.16	1.16	.91	.143	.....	.....
1937.....	.94	.43	1.25	1.00	.447	.....	.....
1938.....	.81	.44	1.25	1.00	.063	.....	.....
1939.....	.59	.44	1.25	1.00	.023	.....	.....
1940.....	.56	.44	1.25	1.00	.014	.....	.....
1941.....	.54	.44	1.25	1.00	.103	.....	0.73
1942.....	.66	.44	1.25	1.00	.326	.....	1.46
1943.....	.69	.44	1.25	1.00	.378	0.75	1.34
1944.....	.73	.44	1.25	1.00	.375	.79	1.33
1945.....	.75	.44	1.25	1.00	.375	.81	1.18
1946.....	.81	.61	1.35	1.16	.375	.82	1.16
1947.....	1.03	.87	1.50	1.38	.604	.88	1.32

<sup>1</sup> Rate on new issues offered within period. Tax-exempt bills prior to March 1941; taxable bills thereafter.

Source: Board of Governors of the Federal Reserve System, Banking and Monetary Statistics. Monthly and weekly figures published currently in Federal Reserve Bulletin.

No. 443.—POSTAL SAVINGS BUSINESS—SUMMARY: 1911 TO 1947

[Money figures, except average principal per depositor, in thousands of dollars. In addition to main offices there were 902 branches and stations in operation on June 30, 1946. Data includes Alaska, Hawaii, Puerto Rico, and Virgin Islands]

YEAR ENDING JUNE 30—	Offices in opera- tion, June 30	Deposits	With- drawals	Balance to credit of depositors, June 30 <sup>1</sup>	Number of de- positors, June 30 <sup>1</sup>	Aver- age prin- cipal per de- positor	AMOUNT OF SAVINGS STAMPS <sup>2</sup>			Bal- ance on de- posit in banks, June 30
							Sold	Re- deemed	Out- stand- ing, June 30	
1911.....	400	778	101	677	11,918	\$57	5	3	2	572
1915.....	8,832	70,315	48,074	65,685	525,414	125	157	150	56	60,086
1920.....	5,583	139,209	149,256	157,276	508,508	309	72	69	59	126,426
1925.....	5,896	89,708	90,349	132,173	402,325	329	52	54	61	97,898
1927.....	5,896	103,607	90,426	147,359	411,394	358	38	38	58	114,597
1928.....	5,897	96,386	91,602	152,143	412,250	369	34	35	58	118,715
1929.....	5,976	112,446	110,945	153,645	416,584	369	28	28	57	127,639
1930.....	5,998	159,959	138,332	175,272	466,401	376	26	26	58	148,255
1931.....	6,665	366,901	194,756	347,417	770,859	451	28	27	58	306,120
1932.....	6,743	860,196	422,792	784,821	1,545,190	508	36	34	60	681,727
1933.....	7,071	1,166,327	763,961	1,187,186	2,342,133	507	45	42	64	976,377
1934.....	7,247	966,651	955,917	1,197,920	2,562,082	468	56	54	67	694,575
1935.....	7,301	944,960	938,017	1,204,863	2,598,391	464	62	59	69	384,510
1936.....	7,299	933,071	906,261	1,231,673	2,705,152	455	64	60	73	203,010
1937.....	7,266	972,743	936,743	1,267,674	2,791,371	454	62	59	76	136,096
1938.....	7,245	929,480	945,355	1,251,799	2,741,569	457	58	58	76	114,655
1939.....	7,162	897,339	886,846	1,262,292	2,767,417	456	59	57	78	68,267
1940.....	7,172	923,266	892,149	1,293,409	2,816,408	459	84	66	96	43,132
1941.....	7,203	923,660	912,916	1,304,153	2,882,886	462	6,311	1,113	5,294	29,970
1942.....	7,211	895,080	883,710	1,315,523	2,812,806	468	308,621	147,574	166,341	23,919
1943.....	7,199	1,033,550	771,548	1,577,526	3,064,054	515	146,040	117,621	(3)	11,875
1944.....	7,183	1,363,028	906,417	2,034,137	3,493,079	582	(3)	(3)	(3)	8,685
1945.....	7,162	1,739,341	1,113,902	2,659,575	3,921,937	678	(3)	(3)	(3)	7,904
1946.....	7,187	2,127,038	1,666,956	3,119,656	4,135,565	754	(3)	(3)	(3)	5,279
1947.....	7,225	2,163,619	1,890,502	3,392,773	4,196,517	808	(3)	(3)	(3)	5,561

<sup>1</sup> Includes accounts shown on balance sheet as unclaimed.  
<sup>2</sup> Liability transferred to Treasury Dept. at close of business Sept. 30, 1942.

Source: Post Office Department, Office of the Postmaster General; Operations of the Postal Savings System.

No. 444.—INSURED BANKS—NUMBER, PERSONNEL, AND SALARIES AND WAGES, BY TYPE OF BANK: 1946

[Salaries and wages in thousands of dollars. Includes banks in Alaska, Hawaii, Puerto Rico, and Virgin Islands. For census figures for 1935, see Statistical Abstract, 1940, p. 265]

CLASS OF BANK	Number of banks, Dec. 31	ACTIVE OFFICERS		OTHER EMPLOYEES	
		Number, Dec. 31	Salaries	Number, Dec. 31	Salaries and wages
All insured banks.....	13,550	64,107	321,187	282,809	548,647
Commercial banks.....	13,359	62,697	309,220	271,395	521,709
Members Federal Reserve System:					
National.....	5,007	29,616	158,207	147,206	283,745
State.....	1,890	12,886	84,177	83,215	173,249
Not members Federal Reserve System.....	6,462	20,195	66,836	40,974	64,721
Mutual savings banks <sup>1</sup> .....	191	1,410	11,967	11,414	26,936

<sup>1</sup> Includes 3 mutual savings banks, members of Federal Reserve System.  
Source: Federal Deposit Insurance Corporation, Annual Report.

# **No. 445.—BANK SUSPENSIONS—NUMBER OF BANKS AND AMOUNT OF DEPOSITS: 1921 TO 1947**

[Banks closed either permanently or temporarily, on account of financial difficulties, by order of supervisory authorities or by directors of bank]

YEAR OR PERIOD	NUMBER OF BANKS					DEPOSITS (IN THOUSANDS OF DOLLARS)				
	Total	National	State member	Nonmember		Total	National	State member	Nonmember	
				Noninsured	Insured <sup>1</sup>				Noninsured	Insured <sup>1</sup>
1921-29.....	5,714	766	229	4,719	—	1,635,468	263,234	128,677	1,133,467	—
1930-33.....	9,108	1,947	363	6,796	—	6,858,633	2,434,316	1,334,908	3,089,409	—
1934-47.....	336	23	6	80	219	144,167	22,998	26,548	41,398	53,213
1931.....	2,294	409	107	1,778	—	1,690,469	439,171	293,957	957,541	—
1932.....	1,456	276	55	1,125	—	715,626	214,160	55,153	446,323	—
1933 <sup>2</sup> .....	4,004	1,101	174	2,729	—	3,598,975	1,610,549	783,399	1,205,027	—
1934.....	67	1	—	48	8	36,937	40	—	34,985	1,912
1935.....	34	4	—	8	22	10,015	5,813	—	639	2,763
1936.....	44	1	—	3	40	11,306	507	—	692	10,207
1937.....	59	4	2	6	47	19,723	7,379	1,708	480	10,166
1938.....	55	1	1	6	47	13,012	88	211	1,044	11,721
1939.....	42	4	3	10	25	34,998	1,341	24,629	2,439	6,589
1940.....	22	1	—	3	18	5,943	256	—	348	5,341
1941.....	8	4	—	1	3	3,726	3,144	—	79	503
1942.....	9	—	—	3	6	1,702	—	—	327	1,575
1943.....	4	2	—	—	2	6,223	4,982	—	—	1,241
1944.....	1	—	—	—	1	405	—	—	—	405
1945-46.....	0	—	—	—	—	0	—	—	—	—
1947.....	1	—	—	1	—	167	—	—	167	—

<sup>1</sup> Federal deposit insurance became operative Jan. 1, 1934.

<sup>2</sup> Comprises banks suspended before banking holiday, licensed banks suspended or placed on restricted basis following banking holiday, unlicensed banks placed in liquidation or receivership, and unlicensed banks granted licenses after June 30, 1933. At close of banking holiday (Mar. 15, 1933) 1,400 national banks with deposits (on Dec. 31, 1932) of \$1,942,574,000, and 225 State member banks with deposits of \$925,777,000 had not been licensed to reopen. On Apr. 12, 1933, the earliest date following the banking holiday for which corresponding data are available regarding nonmember banks, there were in the United States 1,108 unlicensed national banks with deposits of \$1,818,541,000, 152 unlicensed State member banks with deposits of \$842,982,000, and 2,838 unlicensed nonmember banks with deposits of \$1,317,607,000. By the end of June 1933 supervisory authorities had completed their examination of all or nearly all the banks not granted licenses immediately following the banking holiday and had authorized such of the banks to reopen as could qualify for licenses. On June 30, 1933, there remained 955 unlicensed national banks with deposits of \$1,028,347,000, 114 State member banks with deposits of \$239,268,000, and 1,983 nonmember banks with deposits of \$1,063,994,000 to be rehabilitated and reopened or to be placed in liquidation of receivership. All such banks are treated as suspensions.

Source: Board of Governors of the Federal Reserve System. Figures published currently in Federal Reserve Bulletin.

# **No. 446.—INSURED COMMERCIAL BANKS—ASSETS AND LIABILITIES AS OF DEC. 31: 1941 TO 1946**

[Money figures in millions of dollars]

ITEM	1941	1942	1943	1944 <sup>1</sup>	1945	1946
Number of banks.....	13,427	13,347	13,274	13,268	13,302	13,359
Assets, total.....	76,827	95,459	112,246	124,613	157,682	147,265
Cash, balances with other banks, and cash items in process of collection.....	25,793	27,593	27,191	29,746	34,303	33,704
Securities, total.....	28,032	47,344	64,678	82,053	96,066	81,499
U. S. Government obligations, direct and guaranteed.....	21,047	40,712	58,693	75,896	88,938	73,675
Obligations of States and political subdivisions.....	3,652	3,533	3,288	3,434	3,575	4,301
Other securities.....	3,333	3,099	2,697	2,723	3,258	3,593
Loans, discounts, and overdrafts (including rediscounts).....	21,262	18,907	18,844	21,355	25,769	30,740
Miscellaneous assets.....	1,740	1,615	1,532	1,459	1,444	1,452
Liabilities, total.....	76,827	95,459	112,246	124,613	157,682	147,265
Deposits, total.....	69,421	87,820	104,116	125,752	147,811	137,030
Demand deposits of individuals, partnerships, and corporations.....	36,547	47,128	58,346	64,149	72,606	70,908
Time deposits of individuals, partnerships, and corporations.....	15,151	15,706	18,572	23,363	29,296	32,761
U. S. Government.....	1,763	3,215	10,068	19,862	23,841	3,047
Other deposits.....	15,960	16,771	17,130	18,378	22,099	21,319
Miscellaneous liabilities.....	564	583	676	871	1,099	1,047
Capital, surplus, undivided profits, etc.....	6,842	7,055	7,454	7,090	8,672	9,288

<sup>1</sup> Dec. 30.

Source: Federal Deposit Insurance Corporation, Annual Report.

### No. 447.—INSURED AND NONINSURED COMMERCIAL BANKS—NUMBER OF BANKS AND AMOUNTS OF DEPOSITS: DEC. 31, 1946

[Deposits in millions of dollars]

DIVISION AND STATE	NUMBER <sup>1</sup>		DEPOSITS		DIVISION AND STATE	NUMBER <sup>1</sup>		DEPOSITS	
	In- sured	Non- insured	Insured banks	Nonin- sured banks		In- sured	Non- insured	Insured banks	Nonin- sured banks
<b>Total.....</b>	<b>12,269</b>	<b>859</b>	<b>127,929</b>	<b>2,843</b>	<b>South Atlantic—Con.</b>				
New England.....	476	53	6,675	460	West Virginia.....	175	6	942	12
Maine.....	55	9	432	38	North Carolina.....	222	5	1,227	36
N. Hampshire.....	56	8	210	17	South Carolina.....	126	23	666	20
Vermont.....	71	1	240		Georgia.....	304	71	1,687	28
Rhode Island.....	14	9	639	116	Florida.....	176	6	1,733	7
Connecticut.....	97	19	1,219	193	<b>E. S. Central.....</b>	<b>1,945</b>	<b>46</b>	<b>5,235</b>	<b>44</b>
Middle Atlantic.....	1,298	24	44,222	597	Kentucky.....	262	28	1,480	26
New York.....	659	12	30,426	508	Tennessee.....	289	9	1,878	6
New Jersey.....	341	5	4,336	7	Alabama.....	216	3	1,223	2
Pennsylvania.....	996	17	9,459	42	Mississippi.....	196	5	743	19
<b>E. N. Central.....</b>	<b>2,261</b>	<b>90</b>	<b>27,814</b>	<b>185</b>	<b>W. S. Central.....</b>	<b>1,552</b>	<b>96</b>	<b>2,240</b>	<b>126</b>
Ohio.....	659	15	6,716	16	Arkansas.....	213	16	763	5
Indiana.....	474	15	2,816	25	Louisiana.....	154	1	1,846	1
Illinois.....	856	20	10,911	34	Oklahoma.....	374	11	1,402	6
Michigan.....	417	31	4,558	101	Texas.....	611	62	5,809	115
Wisconsin.....	545	9	2,815	10	<b>Mountain.....</b>	<b>467</b>	<b>26</b>	<b>2,651</b>	<b>17</b>
<b>W. N. Central.....</b>	<b>2,323</b>	<b>354</b>	<b>12,244</b>	<b>429</b>	Montana.....	110		531	
Minnesota.....	646	31	2,665	20	Idaho.....	45	2	427	9
Iowa.....	596	63	2,125	101	Wyoming.....	55	1	228	
Missouri.....	865	31	3,966	21	Colorado.....	136	13	1,088	6
North Dakota.....	145	6	449	78	New Mexico.....	44		271	
South Dakota.....	169		455		Arizona.....	10	2	293	
Nebraska.....	366	61	1,221	44	Utah.....	59		563	
Kansas.....	462	162	1,364	166	Nevada.....	8		164	
<b>South Atlantic.....</b>	<b>1,543</b>	<b>114</b>	<b>11,899</b>	<b>149</b>	<b>Pacific.....</b>	<b>373</b>	<b>26</b>	<b>14,317</b>	<b>26</b>
Delaware.....	38	1	467	2	Washington.....	119	3	1,364	20
Maryland.....	167	3	1,482	54	Oregon.....	67	3	1,236	8
Dist. of Col.....	20		1,022		California.....	187	14	12,017	69
Virginia.....	315		1,785		<b>Territories and Pos- sessions.....</b>	<b>5</b>	<b>29</b>	<b>29</b>	<b>789</b>

<sup>1</sup> Includes 8 insured and 83 noninsured trust companies not engaged in deposit banking.

Source: Federal Deposit Insurance Corporation, Annual Report.

### No. 448.—INSURED COMMERCIAL BANKS—EXAMINERS' APPRAISAL OF ASSETS AND CAPITAL: 1940 TO 1946

[Money figures, except ratios, in millions of dollars]

ITEM	1940	1941	1942	1943	1944	1945	1946
Number of banks examined.....	13,437	12,308	13,303	13,207	12,963	12,473	12,496
Total assets (book value) <sup>1</sup> .....	66,186	71,697	80,480	102,022	118,844	128,082	147,829
Assets not on the books <sup>2</sup> .....	37	20	20	26	21	20	16
Examiners' deductions <sup>3</sup> .....	256	174	146	97	54	29	23
Appraised value <sup>4</sup> .....	64,906	71,543	80,324	101,951	118,810	128,023	147,830
Total capital accounts (book value).....	6,558	6,665	6,920	7,139	7,601	8,182	8,747
Assets not on the books.....	37	20	20	26	21	20	16
Examiners' deductions from total assets.....	256	174	146	97	54	29	23
Liabilities not on the books.....	13	6	7	4	8	4	5
Adjusted capital accounts.....	6,326	6,525	6,787	7,064	7,500	8,170	8,723
Adjusted capital accounts per \$100 of appraised value of total assets.....	\$9.74	\$9.12	\$8.45	\$8.93	\$9.36	\$9.53	\$9.91
Substandard assets per \$100 of—							
Appraised value of total assets.....	\$3.93	\$2.84	\$2.13	\$1.24	\$1.69	\$1.45	\$1.36
Adjusted capital accounts.....	\$40.35	\$31.12	\$25.26	\$17.84	\$10.92	\$7.68	\$9.08

<sup>1</sup> Net value, after deduction of valuation and premium allowances, at which assets are carried on books at time of examination.<sup>2</sup> Represents determinable sound value of assets which are not included in bank's statement of assets or are carried at nominal values.<sup>3</sup> Represents difference between appraised value and book value of assets shown on books.<sup>4</sup> Represents value as determined by examiners.

Source: Federal Deposit Insurance Corporation, Annual Report.

# HOME OWNERS' LOAN CORPORATION

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## No. 449.—HOME OWNERS' LOAN CORPORATION—NUMBER AND AMOUNT OF LOANS BY FISCAL YEAR 1934 TO 1947

[Amounts in thousands of dollars]

YEAR ENDING JUNE 30—	LOANS MADE DURING YEAR		OUTSTANDING AS JUNE 30 OF YEAR		NUMBER OF REPAYMENTS	
	Number	Amount	Number	Amount	During Year	End of Year
1934	304,387	1,000,000	304,387	1,000,000	304,387	1,000,000
1935	304,113	1,000,000	304,113	1,000,000	304,113	1,000,000
1936	304,387	1,000,000	304,387	1,000,000	304,387	1,000,000
1937						
1938						
1939						
1940						
1941						
1942						
1943						
1944						
1945						
1946						
1947						

Source: Housing and Home Finance Agency, Home Loan Bank Board, Home Owners' Loan Corporation, New York, N. Y.; records.

## No. 450.—HOME OWNERS' LOAN CORPORATION—STATEMENT OF MORTGAGE LOANS, VENDOR ACCOUNTS, AND ADVANCES AS OF JUNE 30, 1946 AND 1947

[In thousands of dollars]

ITEM	1946		1947	
	Mortgage loans	Vendor accounts	Mortgage loans	Vendor accounts
Original amount	2,082,451	304,129	2,082,451	304,129
Subsequent advances <sup>1</sup>	184,737	8,378	184,737	7,350
Cumulative gross indebtedness	2,267,188	312,507	2,267,188	311,479
Less repayments of principal	1,975,494	339,430	1,975,494	339,430
Less balances transferred to property	818,360	10,000	818,360	10,707
Total	2,703,703	353,110	2,614,278	401,779
Balances receivable	494,415	200,000	301,150	100,000

<sup>1</sup> Includes interest merged with principal in extension of accounts.

Source: Housing and Home Finance Agency, Home Loan Bank Board, Home Owners' Loan Corporation, New York, N. Y.; records.

# No. 451.—HOME OWNERS' LOAN CORPORATION—NUMBER AND AMOUNT OF ACCOUNTS AS OF JUNE 30, 1947

[Amounts in thousands of dollars]

STATE	TOTAL ACCOUNTS		OUTSTANDING ACCOUNTS		Number of accounts terminated	Number of properties on hand
	Number <sup>1</sup>	Original amount	Number	Amount		
United States.....	1, 019, 830	3, 093, 451	351, 127	557, 018	668, 633	70
Alabama.....	16, 699	37, 038	6, 552	6, 821	10, 147	
Arizona.....	6, 548	15, 771	1, 573	1, 600	4, 974	1
Arkansas.....	10, 365	18, 678	2, 654	2, 189	7, 711	
California.....	51, 666	136, 706	10, 562	11, 762	41, 104	
Colorado.....	11, 627	22, 922	3, 633	2, 417	8, 594	
Connecticut.....	10, 303	44, 235	4, 746	10, 665	5, 555	2
Delaware.....	1, 642	5, 108	651	848	991	
District of Columbia.....	2, 069	12, 144	797	1, 915	1, 292	
Florida.....	13, 563	30, 678	4, 290	4, 369	9, 273	
Georgia.....	14, 888	33, 665	5, 215	5, 394	9, 673	
Idaho.....	4, 703	8, 184	916	654	3, 787	
Illinois.....	79, 082	279, 438	26, 233	46, 601	43, 844	5
Indiana.....	48, 855	112, 171	14, 237	11, 038	34, 615	3
Iowa.....	19, 681	38, 832	5, 491	4, 196	14, 188	2
Kansas.....	18, 548	33, 644	5, 613	4, 926	12, 933	2
Kentucky.....	9, 252	25, 327	2, 621	3, 156	6, 629	2
Louisiana.....	14, 428	40, 253	4, 552	4, 714	9, 873	
Maine.....	3, 406	7, 734	1, 100	1, 168	2, 305	1
Maryland.....	15, 948	45, 602	5, 482	7, 936	10, 466	
Massachusetts.....	24, 603	109, 076	13, 147	31, 114	11, 455	1
Michigan.....	81, 173	240, 014	22, 973	30, 833	58, 187	13
Minnesota.....	21, 058	47, 966	6, 384	5, 947	14, 672	2
Mississippi.....	8, 781	16, 464	2, 394	2, 179	6, 387	
Missouri.....	24, 583	74, 877	9, 176	12, 090	15, 407	
Montana.....	3, 683	7, 285	805	587	2, 877	1
Nebraska.....	13, 661	28, 114	4, 076	4, 100	9, 582	3
Nevada.....	1, 211	3, 299	210	167	1, 001	
New Hampshire.....	1, 872	4, 513	529	625	1, 343	
New Jersey.....	36, 393	175, 327	20, 687	49, 866	15, 705	1
New Mexico.....	2, 466	5, 134	554	354	1, 912	
New York.....	80, 209	411, 276	52, 530	151, 511	27, 668	11
North Carolina.....	12, 348	31, 394	4, 283	4, 907	8, 065	
North Dakota.....	4, 430	9, 038	1, 208	1, 350	3, 220	2
Ohio.....	98, 684	305, 878	25, 269	34, 678	73, 413	2
Oklahoma.....	24, 113	54, 380	6, 008	5, 342	18, 104	1
Oregon.....	9, 427	18, 554	1, 599	1, 317	7, 828	
Pennsylvania.....	58, 933	167, 015	24, 632	32, 490	34, 296	5
Rhode Island.....	6, 124	24, 701	2, 577	4, 977	3, 547	
South Carolina.....	5, 692	13, 299	1, 659	1, 694	4, 032	1
South Dakota.....	6, 143	10, 897	1, 804	1, 382	4, 339	
Tennessee.....	13, 777	31, 034	4, 779	4, 618	8, 998	
Texas.....	44, 459	103, 209	12, 609	9, 930	31, 859	
Utah.....	19, 766	25, 036	2, 563	1, 983	8, 203	
Vermont.....	1, 564	4, 199	495	600	1, 088	1
Virginia.....	12, 064	37, 695	4, 223	4, 930	7, 841	
Washington.....	21, 532	38, 908	3, 188	2, 500	18, 344	
West Virginia.....	9, 094	22, 871	2, 870	2, 918	6, 224	
Wisconsin.....	33, 152	115, 388	10, 818	18, 902	22, 326	8
Wyoming.....	2, 453	5, 463	525	386	1, 928	
Puerto Rico.....	591	1, 724	244	372	347	
Hawaii.....	481	1, 293			481	

<sup>1</sup> The number of original borrowers was 1,017,821. Subsequent divisions of security, partial sales and other property acquired increased the total number of accounts to 1,019,830.

Source: Housing and Home Finance Agency, Home Loan Bank Board, Home Owners' Loan Corporation, New York, N. Y.; records.



# FEDERAL HOME LOAN BANKS

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## No. 452.—FEDERAL HOME LOAN BANKS—FINANCIAL ASSETS AND LIABILITIES—CAPITAL AS OF DEC. 31: TOTAL, 1933 TO 1947, AND BY BANK, 1947

(In thousands of dollars)

BANK	ASSETS				LIABILITIES AND CAPITAL				
	Total	Advances outstanding	Investments—U. S. Government securities	Cash	Deposits	U. S. Treasury bills	U. S. Government bonds	U. S. Government notes	Surplus—Federal Reserve funds
All banks									
1933	136,426	308,705	15,457	4,457	4,330	0	24,700	24,700	2,029
1934	161,935	143,400	2,400	4,314	11,700	0	24,700	117,300	2,029
1935	156,971	308,000	32,430	38,300	12,712	11,700	24,700	120,700	2,029
1936	202,973	105,042	24,404	27,020	21,073	24,000	24,700	120,700	2,029
1937	254,473	152,313	38,430	22,130	24,000	24,000	24,700	120,700	2,029
1938	200,344	202,007	38,771	24,241	24,000	24,000	24,700	120,700	2,029
1939	205,207	213,446	61,771	24,330	24,000	24,000	24,700	120,700	2,029
1940	267,576	120,313	132,144	31,079	24,330	24,000	24,700	120,700	2,029
1941	302,976	170,000	131,343	31,281	24,330	24,000	24,700	120,700	2,029
1942	302,013	131,353	144,046	27,153	24,330	24,000	24,700	120,700	2,029
1943	334,000	194,572	115,302	20,173	43,330	24,000	24,700	120,700	2,029
1944	473,003	202,451	163,042	32,774	4,200	100,000	43,312	120,700	2,029
1945	612,639	430,373	220,127	30,704	24,427	241,700	202,072	120,700	2,029
1946	60,432	21,007	13,001	4,473	4,321	11,000	4,442	12,000	2,029
Boston	62,067	30,772	15,351	2,007	22,201	5,000	4,363	15,000	2,029
New York	52,007	60,061	4,316	2,000	2,700	26,000	4,302	11,000	4,000
Pittsburgh	51,530	74,324	2,100	2,000	15,100	44,000	11,000	4,000	4,000
Winston-Salem	67,733	31,100	30,434	4,000	16,000	21,000	13,301	11,000	2,000
Cincinnati	34,143	30,320	10,320	7,300	10,700	20,000	10,100	5,000	1,000
Indianapolis	73,830	80,304	9,043	4,000	12,100	33,000	11,200	14,100	4,000
Chicago	43,551	25,715	11,116	2,000	4,000	20,000	0	7,000	1,000
Des Moines	32,002	32,881	7,710	2,000	770	17,700	4,000	4,770	1,000
Little Rock	30,632	31,046	7,403	2,046	1,007	15,000	4,000	7,304	1,000
Topeka	84,943	65,072	12,514	4,361	16,000	37,000	11,000	15,000	2,000
San Francisco									

1 Totals may be less than sum of individual bank figures because of rounding or elimination of inter items.

Source: Housing and Home Finance Agency, Home Loan Bank Board; records.

## No. 453.—FEDERAL HOME LOAN BANK SYSTEM—MEMBER INSTITUTIONS: 1943 TO 1947

(Money figures in thousands of dollars)

ITEM	1943	1944	1945	1946	1947 <sup>1</sup>
Member institutions as of Dec. 31:					
Number	2,740	2,000	2,007	2,000	2,710
Federal savings and loan associations	1,400	1,404	1,407	1,471	1,470
State-chartered savings and loan associations	2,339	2,196	2,191	2,190	2,190
Mutual savings banks	23	22	20	20	20
Life insurance companies	21	18	14	12	10
Assets	6,402,704	7,349,604	8,704,000	10,100,000	11,400,107
Federal savings and loan associations	2,617,431	3,104,731	3,920,701	4,071,000	4,400,000
State-chartered savings and loan associations	2,980,800	3,271,810	3,702,700	4,071,000	4,070,407
Mutual savings banks	440,718	468,767	804,018	846,070	710,000
Life insurance companies	413,760	435,707	444,047	470,000	500,000
Federal home loan bank loans to members:					
Advances made during year	150,000	200,304	277,744	200,000	201,070
Repayments during year	175,070	215,700	212,400	201,000	200,000
Advances outstanding Dec. 31	110,000	120,000	194,072	200,000	200,070

<sup>1</sup> Preliminary.

Source: Housing and Home Finance Agency, Home Loan Bank Board; records.

# **No. 454.—OPERATING SAVINGS AND LOAN ASSOCIATIONS—ASSETS, BY STATES AND FOR ALASKA AND HAWAII: 1946**

[Amounts in thousands of dollars. Based on annual reports of members and data from annual reports of State savings and loan supervisors when available]

DISTRICT AND STATE	Total assets or liabilities (amount)	MORTGAGE LOANS		OTHER LOANS		REAL ESTATE CONTRACTS		REAL ESTATE OWNED	
		Amount	Percent of total assets	Amount	Percent of total assets	Amount	Percent of total assets	Amount	Percent of total assets
<b>United States.....</b>	<b>10,301,530</b>	<b>7,275,543</b>	<b>71.32</b>	<b>56,962</b>	<b>0.56</b>	<b>91,277</b>	<b>0.89</b>	<b>26,381</b>	<b>0.26</b>
<b>No. 1—Boston</b>	<b>988,303</b>	<b>738,974</b>	<b>74.78</b>	<b>3,969</b>	<b>.40</b>	<b>173</b>	<b>.02</b>	<b>490</b>	<b>.05</b>
Connecticut	130,360	99,202	76.17	481	.37	24	.02	1	.00
Maine	33,036	27,218	82.39	109	.33	120	.36	269	.79
Massachusetts	700,459	518,911	74.08	2,805	.40	5	.00	220	.03
New Hampshire	33,913	27,403	80.80	129	.38	19	.06	4	.01
Rhode Island	79,413	57,904	72.92	366	.46			4	.01
Vermont	11,739	8,247	70.25	81	.69	5	.04	2	.02
<b>No. 2—New York</b>	<b>1,266,246</b>	<b>890,783</b>	<b>69.58</b>	<b>3,932</b>	<b>.32</b>	<b>7,448</b>	<b>.60</b>	<b>2,878</b>	<b>.23</b>
New Jersey	407,438	280,617	68.87	1,317	.32	4,908	1.20	804	.20
New York	858,808	600,166	69.88	2,616	.31	2,540	.32	1,775	.21
<b>No. 3—Pittsburgh</b>	<b>747,543</b>	<b>591,263</b>	<b>79.09</b>	<b>4,203</b>	<b>.56</b>	<b>5,208</b>	<b>.70</b>	<b>3,379</b>	<b>.45</b>
Delaware	17,876	14,324	80.44	566	3.26	68	.33	23	.13
Pennsylvania	690,168	546,896	79.24	3,636	.52	4,794	.69	3,188	.46
West Virginia	39,986	30,044	75.14	47	.12	356	.89	169	.42
<b>No. 4—Winston-Salem</b>	<b>1,234,534</b>	<b>962,032</b>	<b>77.93</b>	<b>4,482</b>	<b>.36</b>	<b>1,000</b>	<b>.13</b>	<b>1,624</b>	<b>.12</b>
Alabama	38,786	27,673	81.91	113	.33	185	.55	20	.06
Dist. of Columbia	283,697	234,664	82.72	431	.16	14	.01	1	.00
Florida	193,429	130,801	67.62	636	.33	89	.05		
Georgia	123,688	103,345	83.55	276	.22	4	.00	7	.01
Maryland	252,027	202,187	80.22	790	.31	983	.39	1,148	.45
North Carolina	182,767	131,418	71.90	956	.52	44	.02	89	.05
South Carolina	64,724	50,413	77.89	167	.26	68	.10	14	.02
Virginia	100,415	81,534	81.20	1,116	1.11	215	.21	249	.25
<b>No. 5—Cincinnati</b>	<b>1,784,156</b>	<b>1,142,504</b>	<b>64.04</b>	<b>31,797</b>	<b>1.78</b>	<b>5,683</b>	<b>.28</b>	<b>1,578</b>	<b>.09</b>
Kentucky	170,119	120,346	70.74	232	.14	416	.24	58	.03
Ohio	1,525,149	964,039	62.84	31,316	2.04	4,862	.30	1,514	.10
Tennessee	78,887	57,519	72.91	248	.31	116	.15	4	.00
<b>No. 6—Indianapolis</b>	<b>590,996</b>	<b>373,353</b>	<b>63.17</b>	<b>943</b>	<b>.16</b>	<b>24,906</b>	<b>4.22</b>	<b>429</b>	<b>.07</b>
Indiana	358,378	225,532	62.93	563	.16	10,944	3.05	174	.05
Michigan	232,618	147,823	63.56	380	.16	13,962	6.00	256	.11
<b>No. 7—Chicago</b>	<b>982,832</b>	<b>705,754</b>	<b>71.91</b>	<b>1,781</b>	<b>.18</b>	<b>19,990</b>	<b>2.03</b>	<b>1,914</b>	<b>.20</b>
Illinois	767,637	542,549	70.68	1,402	.18	14,244	1.86	1,569	.21
Wisconsin	215,174	164,205	76.31	379	.18	5,746	2.67	345	.16
<b>No. 8—Des Moines</b>	<b>587,282</b>	<b>423,178</b>	<b>72.06</b>	<b>883</b>	<b>.15</b>	<b>3,838</b>	<b>.65</b>	<b>546</b>	<b>.09</b>
Iowa	116,798	86,514	74.07	221	.19	1,250	1.07	40	.04
Minnesota	233,496	144,563	61.91	285	.10	1,721	.74	37	.03
Missouri	202,057	172,371	85.31	292	.19	577	.29	438	.23
North Dakota	27,822	15,582	56.01	20	.07	148	.53	30	.11
South Dakota	7,119	4,169	58.42	14	.20	142	1.99	1	.02
<b>No. 9—Little Rock</b>	<b>467,044</b>	<b>330,965</b>	<b>70.85</b>	<b>2,014</b>	<b>.43</b>	<b>661</b>	<b>.14</b>	<b>316</b>	<b>.07</b>
Arkansas	31,420	27,101	86.25	101	.32	93	.30	14	.04
Louisiana	140,517	112,968	80.39	210	.15	12	.01	126	.09
Mississippi	21,764	19,093	87.72	112	.51	7	.03	14	.06
New Mexico	13,798	11,583	83.90	85	.61	16	.12	8	.06
Texas	199,546	160,241	80.30	1,507	.75	532	.27	184	.09
<b>No. 10—Topeka</b>	<b>415,242</b>	<b>310,685</b>	<b>74.82</b>	<b>476</b>	<b>.11</b>	<b>4,845</b>	<b>1.12</b>	<b>413</b>	<b>.10</b>
Colorado	73,857	53,770	72.80	92	.12	408	.55	101	.14
Kansas	116,700	89,673	77.01	221	.19	3,514	3.01	223	.20
Nebraska	96,496	82,001	84.25	63	.07	456	.48	73	.07
Oklahoma	128,189	105,039	81.94	100	.08	265	.21	66	.05
<b>No. 11—San Francisco</b>	<b>1,196,731</b>	<b>815,859</b>	<b>68.11</b>	<b>2,423</b>	<b>.20</b>	<b>17,506</b>	<b>1.46</b>	<b>13,216</b>	<b>1.11</b>
Arizona	22,934	16,961	74.04	71	.31	95	.41		
California	745,988	540,320	72.43	1,251	.17	1,797	.24	11,822	1.60
Idaho	34,227	17,095	50.55	53	.22	79	.33	2	.01
Montana	19,225	11,231	58.42	36	.19	250	1.30	7	.03
Nevada	2,573	2,075	80.63	10	.39	41	1.61	11	.43
Oregon	79,220	55,622	70.21	229	.29	798	1.01	126	.16
Utah	56,667	36,036	64.29	136	.24	708	1.26	1,094	1.92
Washington	217,601	114,066	52.42	438	.20	13,538	6.22	49	.03
Wyoming	11,706	8,094	69.15	39	.34	181	1.55	1	.00
Alaska	1,301	773	64.40	4	.34	1	.07	8	.64
Hawaii	16,060	12,763	79.52	165	.97	17	.11		

**No. 454.—OPERATING SAVINGS AND LOAN ASSOCIATIONS—ASSETS, BY STATES AND FOR ALASKA AND HAWAII: 1946—Continued**

(Amounts in thousands of dollars)

DISTRICT AND STATE	INVESTMENTS		CASH		OFFICE BUILD- ING		FURNITURE AND FIXTURES		OTHER ASSETS	
	Amount	Per- cent of total assets	Amount	Per- cent of total assets	Amount	Per- cent of total assets	Amount	Per- cent of total assets	Amount	Per- cent of total assets
<b>United States</b> .....	<b>2, 136, 648</b>	<b>26.89</b>	<b>536, 103</b>	<b>5.28</b>	<b>62, 604</b>	<b>0.62</b>	<b>5, 687</b>	<b>0.06</b>	<b>15, 693</b>	<b>0.15</b>
<b>No. 1—Boston</b> .....	191, 787	13.39	46, 403	4.69	4, 157	.42	233	.03	2, 721	.29
Connecticut.....	24, 426	18.74	5, 290	4.06	577	.44	81	.08	179	.14
Maine.....	4, 348	13.16	847	2.56	68	.20	20	.06	45	.14
Massachusetts.....	187, 676	19.66	35, 708	5.10	2, 672	.37	111	.02	2, 480	.35
New Hampshire.....	5, 204	16.35	1, 039	3.06	94	.26	6	.03	16	.06
Rhode Island.....	17, 152	21.60	2, 101	3.90	845	1.06	14	.03	27	.03
Vermont.....	2, 961	25.39	419	3.87	.....	.....	(1)	.00	4	.03
<b>No. 2—New York</b> .....	233, 770	22.41	78, 195	6.18	4, 312	.50	965	.06	1, 942	.16
New Jersey.....	89, 175	21.89	27, 661	6.79	1, 736	.43	501	.12	721	.18
New York.....	194, 596	22.66	50, 534	5.88	4, 576	.53	464	.06	1, 242	.15
<b>No. 3—Pittsburgh</b> .....	96, 633	13.19	39, 554	5.31	3, 563	.48	427	.06	1, 639	.13
Delaware.....	1, 482	8.53	869	5.00	18	.10	3	.02	34	.20
Pennsylvania.....	90, 291	13.08	36, 944	5.35	3, 111	.45	408	.08	966	.14
West Virginia.....	6, 659	17.15	2, 040	5.10	434	1.69	16	.04	19	.06
<b>No. 4—Winston-Salem</b> .....	199, 745	16.18	68, 194	4.71	5, 237	.43	542	.06	1, 658	.09
Alabama.....	3, 643	10.78	1, 710	5.06	399	1.18	18	.05	36	.08
Dist. of Columbia.....	35, 785	12.61	11, 741	4.14	851	.30	93	.03	117	.04
Florida.....	46, 825	24.21	13, 440	6.95	1, 315	.68	84	.04	241	.12
Georgia.....	15, 562	12.58	3, 912	2.16	412	.38	75	.06	96	.08
Maryland.....	33, 146	13.15	12, 595	5.00	933	.37	116	.05	185	.06
North Carolina.....	41, 678	22.75	7, 788	4.26	685	.38	91	.04	123	.07
South Carolina.....	11, 350	17.54	2, 806	3.87	146	.23	29	.04	30	.05
Virginia.....	11, 857	11.81	4, 504	4.49	594	.59	56	.03	292	.29
<b>No. 5—Cincinnati</b> .....	493, 956	27.49	92, 440	5.18	15, 175	.85	753	.04	861	.06
Kentucky.....	40, 062	23.55	8, 115	4.77	739	.44	67	.04	86	.05
Ohio.....	437, 629	28.51	80, 238	5.23	13, 923	.91	664	.04	683	.04
Tennessee.....	16, 275	20.63	4, 067	5.18	513	.65	32	.04	93	.13
<b>No. 6—Indianapolis</b> .....	153, 449	26.30	39, 389	5.14	4, 974	.84	243	.04	368	.06
Indiana.....	98, 852	27.58	19, 628	5.47	2, 408	.67	168	.06	109	.09
Michigan.....	56, 397	24.83	10, 761	4.63	2, 566	1.10	75	.03	196	.09
<b>No. 7—Chicago</b> .....	188, 969	19.23	66, 135	5.71	4, 732	.48	564	.09	1, 699	.17
Illinois.....	154, 117	20.68	47, 371	6.17	4, 078	.53	786	.10	1, 543	.20
Wisconsin.....	34, 852	16.30	8, 764	4.07	655	.31	81	.04	147	.07
<b>No. 8—Des Moines</b> .....	127, 585	21.72	26, 719	4.56	3, 613	.62	245	.04	893	.12
Iowa.....	20, 172	17.27	7, 448	6.38	1, 017	.57	74	.06	61	.05
Minnesota.....	76, 467	32.75	8, 724	3.74	1, 578	.67	106	.04	76	.03
Missouri.....	18, 339	9.06	8, 527	4.22	833	.41	46	.02	535	.27
North Dakota.....	10, 336	37.15	1, 611	5.43	169	.60	14	.06	14	.06
South Dakota.....	2, 271	31.90	501	7.04	18	.25	6	.08	7	.10
<b>No. 9—Little Rock</b> .....	65, 448	13.62	15, 671	3.86	1, 422	.35	216	.06	349	.08
Arkansas.....	2, 903	9.24	1, 146	3.65	12	.04	21	.07	30	.09
Louisiana.....	21, 818	15.53	4, 870	3.46	375	.27	81	.06	67	.05
Mississippi.....	1, 663	7.64	772	3.56	93	.43	5	.03	5	.02
New Mexico.....	1, 362	9.87	725	5.25	24	.18	8	.06	7	.05
Texas.....	27, 702	13.88	8, 159	4.09	919	.46	100	.06	231	.11
<b>No. 10—Topeka</b> .....	75, 642	18.22	19, 990	4.81	2, 859	.69	215	.06	319	.06
Colorado.....	14, 190	19.21	4, 246	6.75	922	1.25	32	.04	97	.13
Kansas.....	17, 080	14.64	4, 902	4.20	717	.61	102	.09	66	.06
Nebraska.....	27, 619	28.62	6, 799	6.01	480	.50	4	.00	59	.06
Oklahoma.....	16, 753	13.07	5, 044	3.94	741	.66	76	.06	106	.08
<b>No. 11—San Francisco</b> .....	253, 654	21.76	72, 123	6.63	11, 469	.96	841	.07	4, 431	.37
Arizona.....	3, 802	16.58	1, 748	7.62	93	.41	39	.17	104	.46
California.....	120, 051	17.43	50, 702	6.80	6, 687	.89	562	.08	3, 377	.44
Idaho.....	5, 922	24.44	1, 014	4.19	52	.21	6	.02	4	.02
Montana.....	5, 721	34.96	785	4.08	174	.91	7	.04	14	.07
Nevada.....	300	11.66	88	2.66	.....	.....	1	.02	67	2.61
Oregon.....	16, 719	21.10	3, 313	4.18	1, 962	2.48	38	.04	412	.52
Utah.....	13, 238	23.62	3, 097	5.83	663	1.13	38	.07	465	.80
Washington.....	77, 224	33.49	10, 343	4.75	1, 713	.79	129	.07	91	.04
Wyoming.....	2, 809	23.92	565	4.74	25	.22	1	.01	8	.07
Alaska.....	363	30.22	53	4.39	.....	.....	2	.17	.....	.....
Hawaii.....	2, 514	15.66	446	2.77	140	.87	9	.06	7	.04

<sup>1</sup> Less than \$500.

Source: Housing and Home Finance Agency, Home Loan Bank Board; annual study, Trends in the Savings and Loan Field.

# No. 455.—OPERATING SAVINGS AND LOAN ASSOCIATIONS—CAPITAL AND LIABILITIES, BY STATES AND FOR ALASKA AND HAWAII: 1946

[Amounts in thousands of dollars. Based on annual reports of members and data from annual reports of State savings and loan supervisors when available. For total liabilities, see table 454]

DISTRICT AND STATE	U. S. GOVT. INVESTMENTS (SHARES)		PRIVATE RE-PURCHASABLE CAPITAL		MORTGAGE PLEDGED SHARES		ADVANCES FROM F. H. L. B.		OTHER BORROWED MONEY	
	Amount	Per-cent of total Liabilities	Amount	Per-cent of total Liabilities	Amount	Per-cent of total Liabilities	Amount	Per-cent of total Liabilities	Amount	Per-cent of total Liabilities
United States.....	14,819	0.14	8,547,528	83.79	125,219	1.33	263,958	2.79	118,329	1.16
No. 1—Boston.....	300	.03	818,005	82.72	48,486	4.72	12,049	1.22	14,217	1.44
Connecticut.....			109,626	84.10	2,752	2.11	5,243	4.02	2,591	1.99
Maine.....			25,651	77.65	1,381	4.18	721	2.18	636	1.99
Massachusetts.....	300	.04	574,570	82.03	29,700	5.67	4,912	.70	10,028	1.43
New Hampshire.....			27,214	80.25	1,690	5.57	953	2.51	629	1.56
Rhode Island.....			71,147	89.59	832	1.05	100	.12		
Vermont.....			9,797	83.45	112	.95	120	1.02	434	3.70
No. 2—New York.....	3,780	.29	1,099,057	86.84	14,328	1.13	25,429	2.41	15,122	1.26
New Jersey.....	1,204	.31	350,706	86.08	6,112	1.50	10,269	2.52	4,285	1.05
New York.....	2,486	.29	748,351	87.14	8,216	.96	15,160	1.77	11,634	1.35
No. 3—Pittsburgh.....			609,842	81.58	32,740	4.38	27,638	3.78	6,968	.98
Delaware.....			12,958	74.57	3,204	18.44	20	.12	366	2.10
Pennsylvania.....			563,399	81.63	29,176	4.23	28,618	3.86	6,349	.92
West Virginia.....			23,486	83.73	300	.90	1,000	2.50	243	.61
No. 4—Winston-Salem.....	1,131	.09	1,620,108	82.43	11,416	.92	36,408	2.95	23,217	1.88
Alabama.....			29,120	99.19	2	.01	1,705	5.04	330	.96
Dist. of Col.....			237,309	83.65	440	.15	2,225	.70	4,997	1.76
Florida.....	706	.37	159,193	82.30	193	.10	6,552	3.39	5,514	2.85
Georgia.....	252	.20	105,508	85.30	365	.30	5,416	4.38	1,083	.98
Maryland.....			199,413	79.12	100	.04	11,735	4.66	6,577	2.61
North Carolina.....	173	.09	154,649	84.62	7,546	4.13	2,954	1.62	1,469	.80
South Carolina.....			54,473	84.16	662	1.02	2,548	3.04	475	.74
Virginia.....			80,442	80.11	2,108	2.10	3,275	3.26	2,799	2.75
No. 5—Cincinnati.....	1,321	.97	1,541,090	85.38	7,868	.44	24,438	1.37	16,040	.94
Kentucky.....			147,531	80.72	4,151	2.44	2,029	1.20	1,425	.84
Ohio.....	1,321	.09	1,324,365	86.27	2,652	.34	19,300	1.26	14,299	.98
Tennessee.....			69,183	87.70	64	.08	3,098	3.93	316	.40
No. 6—Indianapolis.....	760	.13	599,167	86.16	1,194	.20	22,321	3.78	1,364	.23
Indiana.....			311,734	85.98	1,040	.29	12,299	3.43	368	.10
Michigan.....	760	.33	197,433	84.87	154	.07	10,031	4.81	996	.43
No. 7—Chicago.....	1,068	.11	793,044	89.69	10,413	1.86	48,220	4.91	5,641	.57
Illinois.....	729	.09	621,363	80.97	7,531	.96	41,457	5.40	2,551	.23
Wisconsin.....	329	.15	171,450	79.68	2,883	1.34	6,763	3.14	3,050	1.44
No. 8—Des Moines.....	25	.10	504,167	85.85	3,336	.57	24,941	4.57	3,579	.61
Iowa.....			98,998	84.76	1,194	1.02	7,033	6.02	329	.26
Minnesota.....			204,188	87.45	30	.01	7,811	3.34	2,695	1.15
Missouri.....	25	.01	169,577	83.93	2,010	.99	11,129	5.51	534	.26
North Dakota.....			25,014	89.91	54	.19	799	2.67		
South Dakota.....			6,390	89.76	48	.67	69	.97	21	.29
No. 9—Little Rock.....	632	.16	331,295	81.39	1,144	.28	16,580	4.67	5,235	2.82
Arkansas.....	32	.10	26,194	83.37	35	.11	1,276	4.06	234	.74
Louisiana.....	495	.35	110,625	78.73	319	.23	4,587	3.29	3,130	2.38
Mississippi.....			18,271	83.95	40	.18	1,200	5.51	271	1.24
New Mexico.....			11,516	33.46	230	1.67	537	3.89	303	2.30
Texas.....	165	.05	164,689	82.53	519	.26	5,950	4.50	4,296	2.15
No. 10—Topeka.....	485	.12	344,022	82.85	4,857	1.17	16,559	2.54	4,636	1.12
Colorado.....	126	.17	58,843	79.07	121	.16	2,048	2.77	1,973	2.67
Kansas.....	215	.18	94,065	80.62	1,428	1.22	5,139	4.40	1,690	1.48
Nebraska.....	69	.07	30,005	82.91	3,087	3.30	382	.40	549	.57
Oklahoma.....	75	.05	111,089	96.56	222	.17	2,991	2.33	416	.33
No. 11—San Francisco.....	5,358	.48	977,742	81.70	1,258	.10	23,478	2.11	16,549	1.55
Arizona.....	60	.26	16,007	69.80	5	.02	2,168	9.45	1,000	4.36
California.....	3,265	.44	591,831	79.35	674	.09	25,013	3.33	11,794	1.58
Idaho.....			21,081	87.02			500	2.06	100	.43
Montana.....			16,808	87.43			200	1.04	236	1.19
Nevada.....			1,959	76.12			248	9.64	40	1.59
Oregon.....	406	.51	68,731	86.75	22	.03	2,789	3.52	1,065	1.36
Utah.....	1,124	2.01	44,482	79.35	182	.32	818	1.46	951	1.69
Washington.....	504	.23	191,699	88.10			1,284	.59	2,940	1.35
Wyoming.....			9,977	85.23	370	3.16	291	2.49	30	.17
Alaska.....			676	81.17			150	12.49		
Hawaii.....			14,093	87.81			15		425	2.65

**No. 455.—OPERATING SAVINGS AND LOAN ASSOCIATIONS—CAPITAL AND LIABILITIES, BY STATES AND FOR ALASKA AND HAWAII: 1946—Continued**

[Amounts in thousands of dollars]

DISTRICT AND STATE	LOANS IN PROCESS		OTHER LIABILITIES		PERMANENT RESERVE OR GUARANTY STOCK		DEFERRED CREDITS		SPECIFIC AND GENERAL RESERVES AND UNDIVIDED PROFITS		Number of associations
	Amount	Percent of total liabilities	Amount	Percent of total liabilities	Amount	Percent of total liabilities	Amount	Percent of total liabilities	Amount	Percent of total liabilities	
<b>United States</b> .....	<b>210,230</b>	<b>2.06</b>	<b>77,074</b>	<b>0.78</b>	<b>35,955</b>	<b>0.35</b>	<b>8,864</b>	<b>0.09</b>	<b>789,543</b>	<b>7.54</b>	<b>5,093</b>
<b>No. 1—Boston</b> .....	9,123	.92	8,576	.87	—	—	62	.01	79,911	8.06	348
Connecticut	1,460	1.12	987	.78	—	—	21	.02	7,670	5.88	50
Maine	130	.42	151	.46	—	—	8	.02	4,348	13.16	37
Massachusetts	5,005	.85	7,153	1.02	—	—	17	.00	57,772	9.25	205
New Hampshire	234	.69	50	.17	—	—	11	.03	3,024	8.92	27
Rhode Island	1,082	1.36	175	.22	—	—	(1)	.00	6,077	7.65	9
Vermont	204	1.73	50	.42	—	—	4	.03	1,020	8.69	11
<b>No. 2—New York</b> .....	9,455	.75	8,094	.64	—	—	580	.07	89,321	7.05	749
New Jersey	1,685	.45	1,488	.36	—	—	330	.06	31,115	7.64	612
New York	7,579	.88	6,627	.77	—	—	550	.06	58,206	6.78	237
<b>No. 3—Pittsburgh</b> .....	7,276	.97	8,037	1.07	—	—	345	.05	54,712	7.32	998
Delaware	—	—	147	.63	—	—	5	.04	674	3.86	40
Pennsylvania	6,792	.98	7,451	1.08	—	—	231	.03	50,172	7.27	915
West Virginia	484	1.21	436	1.10	—	—	108	.27	3,866	9.67	43
<b>No. 4—Winston-Salem</b> .....	24,792	2.82	9,331	.76	4	.00	283	.08	97,145	7.87	585
Alabama	257	.76	77	.23	—	—	71	.21	2,234	8.58	26
District of Columbia	9,804	3.48	532	.19	—	—	90	.03	28,232	9.96	28
Florida	8,872	4.59	1,499	.77	—	—	196	.10	10,703	5.53	53
Georgia	2,938	2.38	825	.67	4	.00	422	.34	6,870	5.58	66
Maryland	6,577	2.58	4,796	1.90	—	—	26	.01	22,875	9.08	394
North Carolina	2,820	1.54	378	.21	—	—	24	.01	12,755	6.98	176
South Carolina	1,773	2.74	297	.46	—	—	11	.02	4,483	6.93	67
Virginia	1,769	1.75	929	.92	—	—	134	.13	8,997	8.96	75
<b>No. 5—Cincinnati</b> .....	15,770	1.05	8,726	.49	31,174	1.19	1,695	.09	143,045	8.02	789
Kentucky	890	.52	1,224	.72	—	—	70	.04	12,788	7.52	124
Ohio	16,914	1.10	6,683	.43	21,174	1.38	1,496	.10	125,946	8.20	627
Tennessee	960	1.22	819	1.04	—	—	129	.16	4,311	5.46	38
<b>No. 6—Indianapolis</b> .....	6,972	1.18	2,289	.39	60	.01	981	.16	45,908	7.77	311
Indiana	3,224	.90	1,129	.32	60	.02	449	.13	28,083	7.84	242
Michigan	3,748	1.61	1,160	.50	—	—	512	.22	17,825	7.66	89
<b>No. 7—Chicago</b> .....	35,451	3.61	11,362	1.16	—	—	2,622	.28	78,621	7.49	739
Illinois	29,342	3.82	6,270	.82	—	—	1,951	.26	56,234	7.33	584
Wisconsin	6,109	2.84	5,092	2.37	—	—	71	.03	19,388	9.01	154
<b>No. 8—Des Moines</b> .....	14,416	2.45	2,833	.49	1	.00	244	.04	31,808	5.42	353
Iowa	2,452	2.10	382	.33	—	—	81	.07	6,327	5.42	89
Minnesota	8,139	3.48	529	.23	—	—	67	.03	10,046	4.30	71
Missouri	3,327	1.65	1,922	.96	—	—	93	.04	12,439	6.66	162
North Dakota	413	1.48	28	.10	—	—	3	.01	1,511	5.43	18
South Dakota	85	1.19	21	.30	1	.01	—	—	494	6.80	13
<b>No. 9—Little Rock</b> .....	5,948	1.71	4,569	1.22	1,183	.29	162	.04	35,906	8.82	262
Arkansas	347	1.10	290	.92	50	.16	5	.02	2,958	9.41	41
Louisiana	3,652	2.60	2,228	1.59	—	—	41	.03	15,439	10.99	75
Mississippi	112	.52	98	.45	—	—	2	.01	1,770	8.13	31
New Mexico	63	.46	102	.74	—	—	2	.02	1,044	7.57	19
Texas	2,774	1.39	2,242	1.12	1,133	.57	112	.06	14,694	7.86	127
<b>No. 10—Topeka</b> .....	10,064	2.42	3,536	.88	979	.23	479	.11	35,535	8.56	282
Colorado	3,048	4.13	1,224	1.66	325	.44	119	.16	6,033	8.17	51
Kansas	3,756	3.22	842	.72	645	.56	265	.23	8,628	7.39	108
Nebraska	1,075	1.11	1,031	.77	—	—	43	.04	10,256	10.63	59
Oklahoma	2,187	1.71	538	.42	—	—	53	.04	10,618	8.28	65
<b>No. 11—San Francisco</b> .....	56,952	4.76	9,179	.77	12,564	1.04	1,031	.06	80,632	6.74	344
Arizona	2,313	10.09	107	.47	64	.28	1	.00	1,209	5.27	4
California	42,161	5.65	6,702	.90	10,158	1.36	793	.11	53,448	7.17	180
Idaho	978	4.04	221	.91	50	.21	1	.01	1,296	5.35	11
Montana	348	1.81	123	.64	—	—	2	.01	1,518	7.90	19
Nevada	74	2.86	21	.81	99	3.84	—	—	134	5.21	2
Oregon	1,422	1.80	270	.34	1,238	1.56	46	.06	3,232	4.08	28
Utah	2,497	4.45	614	1.10	955	1.70	7	.01	4,446	7.93	19
Washington	6,805	3.04	1,040	.48	—	—	135	.06	13,393	6.15	62
Wyoming	160	1.37	45	.38	—	—	45	.39	798	6.82	11
Alaska	25	2.06	9	.77	—	—	—	—	42	3.60	1
Hawaii	369	2.30	28	.18	—	—	—	—	1,115	6.95	7

1 Less than \$500.

Source: Housing and Home Finance Agency, Home Loan Bank Board; annual study, Trends in the Savings and Loan Field.

No. 456.—OPERATING SAVINGS AND LOAN ASSOCIATIONS—TOTAL NUMBER AND  
SELECTED FINANCIAL ITEMS: 1922 TO 1946

[Amounts in millions of dollars. Data cover continental United States, Alaska, and Hawaii]

YEAR	Num- ber of associa- tions	Total assets	Total mort- gage loans	U. S. govern- ment and other invest- ments	Private repur- chasable capital	Mortgage pledged shares	FHLB advances and other borrowed money	General reserves and surplus	Mortgage loans made
1922.....	10,009	3,343	3,009	-----	-----	541	-----	-----	862
1923.....	10,744	3,943	3,549	-----	-----	632	-----	-----	1,187
1924.....	11,844	4,766	4,289	-----	-----	770	-----	-----	1,315
1925.....	12,403	5,509	5,085	-----	-----	881	-----	-----	1,620
1926.....	12,626	6,334	5,842	-----	-----	1,032	-----	-----	1,824
1927.....	12,804	7,179	6,586	-----	-----	1,098	-----	-----	1,895
1928.....	12,666	8,016	7,267	-----	-----	1,207	-----	-----	1,932
1929.....	12,342	8,695	7,791	-----	-----	1,284	-----	-----	1,791
1930.....	11,777	8,829	7,760	-----	-----	1,358	-----	-----	1,262
1931.....	11,442	8,417	7,214	-----	-----	1,324	-----	-----	892
1932.....	10,915	7,737	6,407	-----	-----	1,259	-----	-----	543
1933.....	10,596	7,018	5,559	-----	-----	1,122	-----	-----	414
1934.....	10,744	6,406	4,593	-----	-----	883	-----	-----	451
1935.....	10,266	5,875	3,947	-----	-----	655	-----	-----	564
1936.....	9,663	5,688	3,760	188	4,131	523	194	479	755
1937.....	8,870	5,600	3,832	152	4,015	422	247	476	897
1938.....	8,289	5,543	3,908	134	4,005	353	243	486	798
1939.....	7,719	5,524	4,077	111	4,060	320	225	470	986
1940.....	7,184	5,672	4,374	105	4,272	290	233	457	1,200
1941.....	6,905	6,011	4,798	136	4,652	246	256	469	1,379
1942.....	6,540	6,109	4,783	344	4,910	227	153	496	1,051
1943.....	6,498	6,604	4,793	887	5,494	209	134	534	1,184
1944.....	6,279	7,458	4,983	1,703	6,305	183	199	572	1,454
1945.....	6,149	8,747	5,521	2,456	7,365	145	336	645	1,913
1946.....	6,093	10,202	7,276	2,047	8,548	135	402	751	3,584

Source: Housing and Home Finance Agency, Home Loan Bank Board; annual study, Trends in the Sav-  
ings and Loan Field.

No. 457.—BUILDING AND LOAN ASSOCIATIONS—FAILURES: 1920 TO 1946

[Liabilities and estimated loss in thousands of dollars. Liabilities not available prior to 1930]

YEAR	Number failed	Estimated loss	YEAR	Number failed	Liabilities	Estimated loss
1920.....	2	1	1933.....	88	215,517	43,955
1921.....	6	92	1934.....	68	34,728	10,174
1922.....	4	159	1935.....	239	31,946	15,782
1923.....	9	133	1936.....	144	20,316	9,062
1924.....	18	398	1937.....	269	44,739	15,775
1925.....	26	500	1938.....	277	36,025	11,281
1926.....	12	381	1939.....	183	84,901	27,040
1927.....	21	1,013	1940.....	129	69,560	6,744
1928.....	23	568	1941.....	44	8,576	1,062
1929.....	159	2,313	1942.....	18	8,919	1,789
1930.....	190	24,676	1943.....	11	1,484	261
1931.....	126	22,328	1944.....	5	2,503	155
1932.....	122	20,337	1945-46.....	0	0	0

Source: United States Savings and Loan League, Cincinnati, Ohio; Secretary's Annual Report.



## No. 458.—CREDIT UNIONS—OPERATIONS, 1945 AND 1946, AND BY STATES, 1946

[Data for State-chartered associations furnished in most cases by State officials charged with supervision of these associations. Estimates made in some instances. All data for Federal associations furnished by Credit Union Division of Federal Deposit Insurance Corporation]

YEAR AND STATE	ASSOCIATIONS		Number of members	LOANS		Amount outstanding at end of year (\$1,000)
	Number chartered <sup>1</sup>	Number reporting <sup>1</sup>		Made during year		
				Number	Amount (\$1,000)	
Total: 1945.....	8,882	8,615	2,842,989	1,493,851	211,356	126,278
1946.....	8,968	8,715	3,013,792	1,654,928	289,993	185,370
State associations:						
1945.....	4,923	4,858	1,626,364	891,922	133,087	91,122
1946.....	5,003	4,954	1,708,391	932,435	175,181	128,569
Federal associations:						
1945.....	3,959	3,757	1,216,625	601,929	78,269	35,155
1946.....	3,965	3,761	1,305,401	722,493	114,812	56,801
1946						
Alabama.....	80	77	31,155	43,146	6,011	2,807
Arizona.....	22	22	3,661	1,742	453	249
Arkansas.....	26	25	2,642	1,988	302	162
California.....	451	439	191,411	94,976	21,278	14,524
Colorado.....	108	105	30,276	13,845	2,662	2,114
Connecticut.....	238	235	88,911	45,964	8,290	3,952
Delaware <sup>2</sup> .....	10	9	5,630	1,191	171	102
District of Columbia.....	115	108	62,417	36,466	5,199	2,785
Florida.....	174	164	39,007	26,328	5,459	3,237
Georgia.....	129	126	35,660	24,032	4,153	2,958
Idaho.....	33	32	4,395	1,714	356	194
Illinois.....	787	784	354,774	233,738	36,635	20,049
Indiana.....	300	294	97,862	53,525	7,944	5,517
Iowa.....	190	190	39,802	18,459	2,448	1,929
Kansas.....	114	113	26,437	16,769	2,816	1,780
Kentucky.....	100	100	24,969	16,493	2,203	1,972
Louisiana.....	129	124	34,869	19,812	3,204	1,616
Maine.....	37	36	10,360	4,175	654	382
Maryland.....	66	58	26,939	18,417	2,350	1,121
Massachusetts.....	542	536	272,898	124,426	30,875	21,735
Michigan.....	247	241	120,830	63,897	14,225	10,081
Minnesota.....	317	317	70,562	31,618	5,240	8,069
Mississippi.....	26	26	6,400	7,645	1,368	319
Missouri.....	384	373	90,270	29,581	5,302	4,385
Montana.....	41	39	7,504	2,742	671	415
Nebraska.....	88	86	20,009	9,468	1,707	1,034
Nevada <sup>2</sup> .....	4	4	649	124	20	13
New Hampshire.....	13	13	5,705	3,164	791	740
New Jersey.....	253	240	102,732	50,547	6,817	3,492
New Mexico <sup>2</sup> .....	41	40	2,298	592	128	71
New York.....	741	708	263,760	138,830	25,643	16,066
North Carolina.....	172	151	29,867	18,344	2,143	1,340
North Dakota.....	92	91	11,420	3,419	1,395	1,117
Ohio.....	583	565	207,461	112,553	19,265	10,908
Oklahoma.....	73	70	17,034	9,562	2,114	1,410
Oregon.....	69	66	13,167	5,928	1,194	779
Pennsylvania.....	587	563	224,563	125,247	19,019	9,568
Rhode Island.....	39	38	28,391	7,241	3,737	6,030
South Carolina.....	32	28	6,528	4,562	563	283
South Dakota <sup>2</sup> .....	34	33	4,960	2,067	261	128
Tennessee.....	117	114	38,678	35,462	4,288	2,469
Texas.....	331	320	82,078	55,289	9,112	5,438
Utah.....	61	60	11,587	7,019	1,876	1,063
Vermont.....	16	16	1,750	1,422	101	39
Virginia.....	85	80	24,020	15,130	2,030	1,076
Washington.....	172	167	36,750	19,768	3,414	2,068
West Virginia.....	59	56	15,918	11,405	1,387	770
Wisconsin.....	525	521	146,538	73,881	9,604	5,414
Wyoming.....	17	15	2,621	945	253	146
Hawaii <sup>2</sup> .....	98	97	35,667	10,250	2,858	1,454

<sup>1</sup> In general, difference between total number of associations and number reporting accounted for by associations chartered but not in operation by end of year and associations in liquidation which had not relinquished their charters.

<sup>2</sup> Federal associations only.

Source: Department of Labor, Bureau of Labor Statistics; Monthly Labor Review, November 1947, and Bulletin No. 922.

**No. 459.—FEDERAL SAVINGS AND LOAN INSURANCE CORPORATION—SUMMARY OF INSURED INSTITUTIONS AS OF DECEMBER: 1941 TO 1947**

(Money figures in thousands of dollars)

ITEM	1941	1942	1943	1944	1945	1946	1947
Number of associations.....	2,343	2,308	2,447	2,466	2,475	2,496	2,536
Total assets.....	3,362,942	3,661,598	4,182,728	5,012,662	6,148,230	7,318,604	8,547,297
Net first mortgages held.....	2,751,938	2,871,641	3,009,025	3,259,819	3,763,128	5,237,500	6,585,196
Private repurchasable capital.....	2,697,525	2,983,310	3,573,896	4,333,739	5,219,910	6,193,342	7,181,939
Government investments.....	196,240	169,167	69,693	37,701	23,366	16,305	8,682
Federal Home Loan Bank advances.....	193,275	113,977	100,340	123,466	185,210	272,904	391,705
Number of investors.....	3,110,200	3,340,000	4,643,600	4,022,900	4,383,800	4,800,351	5,415,000
Operations.....							
New investments.....	873,163	871,746	1,180,731	1,484,420	1,876,969	2,568,992	258,075
Private repurchases.....	543,680	578,468	623,722	754,929	1,005,719	1,612,545	105,360
New mortgage loans.....	882,438	670,631	835,116	1,065,322	1,448,817	2,798,678	230,664

Source: Housing and Home Finance Agency, Home Loan Bank Board.

**No. 460.—MORTGAGE LOANS ON ONE- TO FOUR-FAMILY NONFARM HOMES, ESTIMATED BALANCE OUTSTANDING: 1935 TO 1946**

(In millions of dollars)

TYPE OF MORTGAGE	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946
Total.....	17,519	17,225	17,344	17,646	18,215	19,163	20,095	19,908	19,542	19,528	19,991	24,426
Savings and loan associations.....	3,293	3,237	3,420	3,555	3,768	4,084	4,552	4,556	4,584	4,709	5,376	7,140
Insurance companies.....	1,281	1,245	1,240	1,320	1,490	1,758	1,976	2,255	2,410	2,458	2,258	2,570
Mutual savings banks.....	2,850	2,730	2,700	2,670	2,680	2,700	2,730	2,700	2,660	2,570	2,530	2,690
Commercial banks.....	1,189	1,230	1,400	1,600	1,810	2,095	2,479	2,480	2,450	2,410	2,575	3,900
Home Owners' Loan Corporation.....	2,897	2,763	2,398	2,160	2,038	1,956	1,777	1,567	1,338	1,091	852	636
Individuals and others <sup>1</sup> .....	6,000	6,000	6,186	6,332	6,440	6,610	6,590	6,350	6,100	6,200	6,400	7,500

<sup>1</sup> Includes fiduciaries, trust departments of commercial banks, real-estate and bond companies, title and mortgage companies, philanthropic and educational institutions, fraternal organizations, construction companies, RFC Mortgage Company, etc.

Source: Housing and Home Finance Agency, Home Loan Bank Board; Annual Report.

**No. 461.—NONFARM MORTGAGES RECORDED—NUMBER AND AMOUNT, BY TYPE OF MORTGAGEE, FOR CONTINENTAL UNITED STATES: 1939 TO 1947**

[Amounts in thousands of dollars. Estimates based on mortgage recordings in more than 500 counties and similar political subdivisions, which contain about three-fifths of total nonfarm population. No data available prior to January 1939]

PERIOD	Total	Savings and loan associations	Insurance companies	Banks and trust companies	Mutual savings banks	Individuals	Other mortgagees
<b>NUMBER</b>							
1939	1,288,032	428,955	58,582	276,200	39,442	317,961	166,892
1940	1,455,865	502,949	67,920	316,234	45,077	339,543	184,039
1941	1,628,407	544,463	81,801	352,407	58,737	368,556	198,443
1942	1,351,290	424,709	75,726	268,158	43,734	356,511	182,452
1943	1,273,993	423,355	56,524	220,121	38,534	376,049	169,390
1944	1,446,548	496,966	50,900	249,026	42,028	447,021	160,577
1945	1,634,865	573,977	46,801	297,890	51,647	499,328	165,436
1946	2,474,940	820,520	82,354	585,788	101,180	623,438	261,906
1947	2,526,530	788,558	128,432	609,978	105,835	688,279	306,448
<b>AMOUNT</b>							
1939	3,506,563	1,058,206	287,204	890,590	142,849	588,430	539,294
1940	4,031,368	1,282,628	333,724	1,005,308	169,907	640,350	597,866
1941	4,731,900	1,489,909	403,684	1,165,501	218,428	783,177	671,261
1942	3,942,613	1,170,548	361,743	885,803	153,581	732,697	626,243
1943	3,961,401	1,237,505	279,866	752,543	152,054	857,681	581,752
Jan.-June	1,702,679	539,302	135,768	340,969	64,115	371,143	251,382
July-Dec.	2,158,722	698,203	144,098	411,574	87,939	486,538	330,370
1944	4,610,629	1,563,878	258,173	877,762	165,054	1,134,054	613,908
Jan.-June	2,175,827	725,872	125,678	424,070	73,036	518,318	306,853
July-Dec.	2,434,802	837,906	130,495	453,692	92,018	615,736	306,056
1945	5,823,190	2,009,707	244,432	1,091,621	216,962	1,402,103	658,945
Jan.-June	2,556,878	879,870	117,563	480,150	89,673	673,781	316,039
July-Dec.	3,066,312	1,130,037	126,869	610,871	127,307	728,322	342,906
1946							
Jan.-June	4,787,971	1,672,338	196,844	1,161,504	230,117	991,682	535,586
July-Dec.	5,621,900	1,748,689	278,906	1,523,557	317,860	1,031,433	722,313
1947							
Jan.-June	5,320,923	1,654,694	339,209	1,423,848	260,211	953,447	698,514
July-Dec.	6,070,106	1,891,259	484,569	1,528,273	336,413	1,020,427	839,165

Source: Housing and Home Finance Agency, Home Loan Bank Board.

**No. 462.—NONFARM REAL ESTATE FORECLOSURES—INDEX FOR ESTIMATED NUMBER, FOR CONTINENTAL UNITED STATES: 1938 TO 1947**

[1938=39=100. Adjusted for seasonal variation]

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
1938	81.1	82.9	82.8	82.1	80.0	78.2	71.3	74.9	70.3	67.2	68.3	67.5	75.5
1939	68.1	70.2	68.9	68.6	71.3	66.2	66.1	65.0	61.6	55.9	56.7	53.6	64.3
1940	52.5	49.2	48.2	48.7	51.5	48.9	49.0	49.7	47.3	50.0	43.8	42.8	48.4
1941	43.9	42.8	42.6	41.9	39.3	36.6	34.7	34.7	33.8	34.3	31.6	32.3	37.6
1942	32.2	30.8	29.0	29.4	27.7	28.0	28.0	24.6	25.1	24.6	22.8	21.9	27.0
1943	20.9	18.7	17.5	18.4	17.2	16.1	16.0	15.2	15.6	13.8	13.9	13.6	16.4
1944	11.7	13.7	12.6	10.1	11.1	11.3	10.4	10.0	11.1	10.3	11.1	10.9	11.2
1945	9.2	11.4	10.7	9.1	9.2	10.0	8.4	9.1	8.4	8.2	8.8	7.9	9.2
1946	8.6	7.7	8.2	7.6	7.2	6.6	6.4	6.9	6.9	7.4	9.5	8.6	7.7
1947	8.5	8.5	9.2	7.9	8.1	8.7	8.5	8.6	8.2	7.7	7.0	8.0	8.2

Source: Housing and Home Finance Agency, Home Loan Bank Board.

**No. 463.—FARMERS HOME ADMINISTRATION—TENANT PURCHASE LOANS AND RURAL REHABILITATION LOANS TO INDIVIDUALS, BY STATES**

[In thousands of dollars]

DIVISION AND STATE	TENANT PURCHASE LOANS <sup>1</sup>				RURAL REHABILITATION LOANS TO INDIVIDUALS <sup>2</sup>	
	Amount of loans made		Amount outstanding Jan. 1		Amount of loans made in 1946	Amount outstanding Jan. 1, 1947
	1945	1946	1946	1947		
<b>Total</b> .....	<b>11,812</b>	<b>42,514</b>	<b>158,550</b>	<b>166,095</b>	<b>112,607</b>	<b>288,094</b>
<b>New England</b> .....	<b>87</b>	<b>1,034</b>	<b>654</b>	<b>1,313</b>	<b>2,630</b>	<b>6,709</b>
Maine.....	56	334	152	381	1,526	3,747
New Hampshire.....		38	59	84	274	997
Vermont.....	9	367	173	410	447	988
Massachusetts.....	21	216	156	293	230	591
Rhode Island.....			10	4	47	122
Connecticut.....		79	103	142	106	264
<b>Middle Atlantic</b> .....	<b>395</b>	<b>3,412</b>	<b>4,359</b>	<b>6,018</b>	<b>5,368</b>	<b>13,565</b>
New York.....	171	1,319	1,462	2,178	2,580	6,692
New Jersey.....	61	677	422	891	778	1,858
Pennsylvania.....	163	1,416	2,475	2,949	2,010	5,015
<b>East North Central</b> .....	<b>1,102</b>	<b>8,501</b>	<b>17,069</b>	<b>16,570</b>	<b>13,220</b>	<b>28,868</b>
Ohio.....	111	446	3,872	3,338	1,647	4,679
Indiana.....	379	649	3,401	3,385	1,667	3,902
Illinois.....	85	205	5,135	4,363	2,670	6,806
Michigan.....	210	906	2,034	2,559	3,622	6,842
Wisconsin.....	317	1,295	2,626	2,926	3,614	6,939
<b>West North Central</b> .....	<b>2,561</b>	<b>7,709</b>	<b>26,783</b>	<b>27,359</b>	<b>23,783</b>	<b>60,673</b>
Minnesota.....	585	1,547	4,269	4,954	3,324	10,912
Iowa.....	102	117	5,746	4,667	3,357	7,003
Missouri.....	539	1,579	5,948	6,343	4,853	9,205
North Dakota.....	249	1,048	1,558	1,904	2,386	5,402
South Dakota.....	219	933	2,259	2,242	3,477	11,212
Nebraska.....	480	1,138	3,233	3,231	3,065	8,178
Kansas.....	387	1,347	3,770	4,019	3,321	8,161
<b>South Atlantic</b> .....	<b>1,639</b>	<b>4,983</b>	<b>31,790</b>	<b>30,093</b>	<b>11,975</b>	<b>35,418</b>
Delaware.....	42	147	227	277	198	393
Maryland.....	62	523	958	1,282	882	1,918
Virginia.....	176	369	3,117	2,789	921	2,467
West Virginia.....	135	281	1,652	1,577	444	1,527
North Carolina.....	296	665	7,519	6,367	4,713	4,829
South Carolina.....	308	382	6,571	5,781	1,731	6,780
Georgia.....	546	2,016	10,837	10,923	2,193	12,490
Florida.....	75	601	910	1,096	893	5,014
<b>East South Central</b> .....	<b>1,419</b>	<b>5,045</b>	<b>30,405</b>	<b>30,473</b>	<b>9,202</b>	<b>32,274</b>
Kentucky.....	172	524	4,013	3,655	1,659	3,524
Tennessee.....	154	903	5,829	5,353	1,447	2,288
Alabama.....	269	1,048	9,504	9,025	2,237	18,485
Mississippi.....	824	2,570	11,060	12,441	3,859	12,977
<b>West South Central</b> .....	<b>3,543</b>	<b>10,734</b>	<b>37,299</b>	<b>41,176</b>	<b>26,547</b>	<b>62,948</b>
Arkansas.....	517	1,438	7,167	7,334	3,884	10,672
Louisiana.....	151	622	5,805	5,375	2,730	8,345
Oklahoma.....	1,023	2,483	7,675	8,769	8,369	16,858
Texas.....	1,852	6,490	16,652	19,698	11,564	27,073
<b>Mountain</b> .....	<b>501</b>	<b>4,319</b>	<b>3,809</b>	<b>6,181</b>	<b>13,276</b>	<b>31,495</b>
Montana.....	114	679	631	1,104	2,260	6,018
Idaho.....	67	840	656	989	2,851	4,388
Wyoming.....	43	532	278	666	2,111	5,055
Colorado.....	142	504	1,395	1,464	2,632	7,882
New Mexico.....	43	656	366	804	1,756	3,910
Arizona.....	4	174	198	274	344	952
Utah.....	77	839	241	778	1,124	2,888
Nevada.....	10	94	44	102	198	402
<b>Pacific</b> .....	<b>361</b>	<b>1,294</b>	<b>3,182</b>	<b>3,591</b>	<b>4,796</b>	<b>13,325</b>
Washington.....	24	284	898	935	1,467	4,513
Oregon.....	63	434	682	904	1,372	2,896
California.....	274	577	1,603	1,752	1,957	5,916
Hawaii.....	34	81	584	542	104	194
Puerto Rico.....	170	384	2,615	2,761	31	84
Alaska.....		17		17	1,653	2,484
Virgin Islands.....					22	57

<sup>1</sup> Includes loans from State Rural Rehabilitation Corporation trust funds, supplemental loans to prior year borrowers and farm enlargement loans.

<sup>2</sup> Includes production restoration loans, wartime adjustment loans, and loans from State Rural Rehabilitation Corporation trust funds.

Source: Department of Agriculture, Farmers Home Administration; Agricultural Statistics, 1947.

**No. 464.—FARMERS HOME ADMINISTRATION—EMERGENCY CROP AND FEED LOANS,  
BY STATES**

[Amounts in thousands of dollars]

DIVISION AND STATE	LOANS MADE						AMOUNT OUTSTANDING JAN. 1, 1947		
	1944		1945		1946		1944 loans	1945 loans	1946 loans <sup>1</sup>
	Number	Amount	Number	Amount	Number	Amount			
<b>Total.....</b>	<b>98,512</b>	<b>18,444</b>	<b>80,109</b>	<b>16,465</b>	<b>78,538</b>	<b>16,972</b>	<b>846</b>	<b>1,391</b>	<b>4,563</b>
<b>New England.....</b>	<b>1,336</b>	<b>454</b>	<b>1,247</b>	<b>445</b>	<b>1,199</b>	<b>424</b>	<b>38</b>	<b>50</b>	<b>149</b>
Maine.....	966	350	959	358	919	341	29	36	109
New Hampshire.....	63	13	47	12	66	17	2	2	7
Vermont.....	104	24	72	17	79	21	5	4	15
Massachusetts.....	121	40	106	36	84	27	2	4	11
Rhode Island.....	0	0							
Connecticut.....	82	27	63	22	51	18	(?)	4	7
<b>Middle Atlantic.....</b>	<b>1,744</b>	<b>432</b>	<b>1,387</b>	<b>369</b>	<b>1,418</b>	<b>378</b>	<b>37</b>	<b>61</b>	<b>183</b>
New York.....	540	139	398	108	438	117	7	18	39
New Jersey.....	83	27	59	21	42	15	5	6	6
Pennsylvania.....	1,121	266	930	240	938	246	25	37	138
<b>East North Central.....</b>	<b>2,265</b>	<b>461</b>	<b>1,742</b>	<b>381</b>	<b>1,732</b>	<b>392</b>	<b>21</b>	<b>34</b>	<b>187</b>
Ohio.....	704	140	550	117	608	141	3	11	78
Indiana.....	524	98	447	90	478	95	2	5	47
Illinois.....	657	144	544	130	498	121	6	13	52
Michigan.....	162	35	74	17	56	13	6	3	3
Wisconsin.....	218	44	127	27	92	22	4	2	7
<b>West North Central.....</b>	<b>7,449</b>	<b>1,865</b>	<b>5,666</b>	<b>1,559</b>	<b>5,236</b>	<b>1,484</b>	<b>114</b>	<b>82</b>	<b>318</b>
Minnesota.....	1,206	309	1,006	278	831	246	23	18	28
Iowa.....	476	125	354	98	285	81	7	5	33
Missouri.....	770	132	444	82	787	157	18	17	59
North Dakota.....	1,950	548	1,839	549	1,471	476	15	11	34
South Dakota.....	1,656	430	1,344	381	1,227	366	28	14	72
Nebraska.....	548	132	284	73	347	88	8	4	43
Kansas.....	843	189	395	98	288	70	15	13	49
<b>South Atlantic.....</b>	<b>40,985</b>	<b>6,929</b>	<b>35,436</b>	<b>6,592</b>	<b>35,173</b>	<b>7,044</b>	<b>143</b>	<b>243</b>	<b>824</b>
Delaware.....	114	25	82	20	91	21	2	3	7
Maryland.....	499	105	405	87	442	95	11	17	50
Virginia.....	4,940	693	3,905	615	3,415	567	23	31	133
West Virginia.....	687	89	567	83	614	91	6	10	40
North Carolina.....	9,838	1,613	8,333	1,551	8,173	1,649	19	30	169
South Carolina.....	14,525	2,467	13,672	2,524	13,486	2,611	27	86	122
Georgia.....	9,248	1,708	7,821	1,586	7,593	1,675	40	58	166
Florida.....	1,134	229	651	126	1,359	335	15	8	137
<b>East South Central.....</b>	<b>13,476</b>	<b>1,895</b>	<b>11,169</b>	<b>1,763</b>	<b>11,362</b>	<b>1,927</b>	<b>59</b>	<b>84</b>	<b>590</b>
Kentucky.....	2,369	263	1,994	251	2,191	292	4	9	204
Tennessee.....	2,495	317	2,028	303	2,072	347	4	10	72
Alabama.....	2,997	473	2,579	447	2,482	460	14	18	74
Mississippi.....	5,615	842	4,568	762	4,617	828	37	47	240
<b>West South Central.....</b>	<b>22,595</b>	<b>3,927</b>	<b>16,456</b>	<b>3,180</b>	<b>16,396</b>	<b>3,328</b>	<b>326</b>	<b>545</b>	<b>990</b>
Arkansas.....	5,068	875	3,777	747	4,013	846	40	107	166
Louisiana.....	6,927	1,117	5,470	959	5,160	942	80	157	291
Oklahoma.....	1,556	217	860	137	1,281	219	22	25	61
Texas.....	9,044	1,718	6,349	1,337	5,942	1,321	184	256	462
<b>Mountain.....</b>	<b>3,265</b>	<b>897</b>	<b>2,165</b>	<b>627</b>	<b>1,848</b>	<b>553</b>	<b>78</b>	<b>101</b>	<b>222</b>
Montana.....	371	103	346	108	339	108	8	17	30
Idaho.....	376	108	211	67	208	68	1	5	15
Wyoming.....	305	86	189	57	122	38	6	3	9
Colorado.....	852	231	612	167	496	138	22	16	60
New Mexico.....	934	244	502	133	438	124	29	44	73
Arizona.....	232	76	189	66	160	54	7	10	23
Utah.....	193	48	115	29	85	23	5	6	12
Nevada.....	2	1	1	(?)			(?)		
<b>Pacific.....</b>	<b>743</b>	<b>232</b>	<b>519</b>	<b>169</b>	<b>346</b>	<b>112</b>	<b>21</b>	<b>27</b>	<b>44</b>
Washington.....	191	58	111	33	68	21	3	4	5
Oregon.....	182	55	142	47	102	32	4	7	11
California.....	370	119	266	89	176	59	14	16	28
<b>Puerto Rico.....</b>	<b>4,654</b>	<b>1,352</b>	<b>4,322</b>	<b>1,380</b>	<b>3,828</b>	<b>1,330</b>	<b>9</b>	<b>164</b>	<b>1,066</b>

<sup>1</sup> Includes 1947 production loans during 1946.

<sup>2</sup> Less than \$500.

Source: Department of Agriculture, Farmers Home Administration; Agricultural Statistics, 1947.

## No. 465.—FARM CREDIT ADMINISTRATION—LOANS AND DISCOUNTS MADE AND OUTSTANDING: 1932 TO 1947

(In thousands of dollars)

YEAR	FARM MORTGAGE LOANS BY 1—		LOANS TO COOPERATIVES BY—			FEDERAL INTER- MEDIATE CREDIT BANKS, LOANS TO AND DISCOUNTS FOR 2—		Produc- tion credit asso- ciations 3	Region- al agri- cultural credit corpo- rations 4
	Federal land banks	Land Bank Com- mis- sioner	Federal inter- mediate credit banks (di- rect) 5	Banks for co- opera- tives, includ- ing cen- tral bank 6	Agricul- tural Market- ing Act revolv- ing fund 7	Prod. credit assoc'ns, reg'l agric credit corp'ns, banks for coop's 8	Private financ- ing in- stitu- tions		
Made during—									
1932	27,570		89,245		34,488		151,678		24,597
1933	151,634	70,812	27,910	27,144	40,687	109,746	141,017	27	223,116
1934	730,367	553,136	57,369	40,371	9,558	223,597	124,949	107,216	140,569
1935	248,671	196,395	44,509	66,348	7,402	252,738	116,909	196,306	90,655
1936	109,170	77,258	3,755	81,204	20,449	271,700	106,206	228,090	34,667
1937	63,092	40,020	5,129	97,584	5,935	342,979	101,458	286,520	18,603
1938	61,418	29,395	2,668	94,946	7,911	370,888	90,460	302,153	5,716
1939	61,582	27,417	4,156	83,300	1,214	381,222	86,558	320,483	4,694
1940	64,275	36,664	4,593	101,231	3,094	419,072	88,593	340,383	4,804
1941	65,068	37,533	5,661	181,509	3,990	539,297	102,261	418,196	6,769
1942	53,974	28,534	9,397	252,879	5,017	606,522	110,078	477,718	7,760
1943	61,900	30,497	5,000	398,581	1,417	827,474	94,962	501,212	78,264
1944	70,273	35,017	3,402	363,637	809	792,462	81,744	490,477	15,665
1945	92,946	29,462	4,032	333,702	660	759,337	74,491	516,116	9,646
1946	130,162	15,635	11,579	399,769	975	922,616	88,092	614,613	1,470
1947	138,764	10,606	14,128	530,248	1,400	1,126,163	112,832	757,611	77
Outstanding Dec. 31 —									
1932	1,128,564		9,866		158,885		82,518		24,373
1933	1,232,707	70,738	15,211	18,697	157,752	73,263	60,969	27	144,636
1934	1,915,792	616,826	33,966	27,851	54,863	99,675	55,672	60,862	87,102
1935	2,071,825	794,726	2,731	50,013	44,433	104,706	47,162	93,910	43,400
1936	2,064,158	836,779	1,641	69,647	53,754	129,872	41,017	105,069	25,288
1937	2,035,307	812,749	1,813	87,633	30,982	163,194	40,464	137,349	15,597
1938	1,982,224	752,851	920	87,496	23,723	168,392	33,545	145,478	11,081
1939	1,904,655	690,890	1,835	76,252	20,547	166,236	33,354	153,674	8,066
1940	1,851,218	648,296	1,490	74,741	16,461	186,933	34,162	171,866	5,855
1941	1,764,398	596,802	2,152	113,444	16,914	226,017	39,222	187,497	5,531
1942	1,602,845	512,197	2,000	144,644	12,551	272,964	39,059	184,662	3,901
1943	1,357,937	406,190	2,000	235,174	7,351	308,671	35,778	196,734	22,047
1944	1,136,928	329,700	700	212,835	3,067	267,135	31,197	191,664	12,196
1945	1,027,587	228,397	2,042	157,545	2,693	241,679	27,870	198,886	6,161
1946	994,421	140,127	4,151	181,550	2,232	276,461	34,244	233,907	2,560
1947	680,425	103,195	4,000	274,777	2,603	334,087	42,909	292,608	1,861

1 For loans by joint stock land banks, see table 472.

2 Includes renewals.

3 Excludes advances in connection with Commodity Credit Corporation programs.

4 Duplicates amount discounted by Federal intermediate credit banks for the 3 agencies concerned.

5 Excludes data for associations placed in liquidation.

Source: Department of Agriculture, Farm Credit Administration; Annual Report, Semiannual Report on Loans and Discounts, and records.

## No. 466.—NATIONAL FARM LOAN ASSOCIATIONS AND PRODUCTION CREDIT ASSOCIATIONS—NUMBER, BY DISTRICTS, DECEMBER 31, 1947

(For groupings of States by districts, see table 467)

DISTRICT	National farm loan associa- tions	Production credit as- sociations	DISTRICT	National farm loan associa- tions	Production credit as- sociations
Total	1,363	894	District 6	102	46
District 1	65	34	District 7	185	54
District 2	35	36	District 8	200	49
District 3	84	90	District 9	109	41
District 4	118	41	District 10	143	36
District 5	89	26	District 11	57	20
			District 12	76	30

1 Includes 1 inactive association.

Source: Department of Agriculture, Farm Credit Administration; records.



**No. 467.—FARM CREDIT ADMINISTRATION—LOANS AND DISCOUNTS OUTSTANDING,  
DECEMBER 31, 1947, BY STATES**

[In thousands of dollars]

DISTRICT AND STATE	Total <sup>1</sup>	Federal land banks	Land Bank Commis- sioner	Federal in- termediate credit banks	Production credit asso- ciations <sup>2</sup>	Banks for coopera- tives <sup>3</sup>
<b>Total.....</b>	<b>1,587,914</b>	<b>869,425</b>	<b>103,195</b>	<b>380,996</b>	<b>293,608</b>	<b>274,777</b>
<b>District No. 1.....</b>	<b>126,263</b>	<b>54,553</b>	<b>8,905</b>	<b>33,592</b>	<b>27,889</b>	<b>30,147</b>
Maine.....	8,853	2,634	676	3,089	2,449	2,988
New Hampshire.....	2,287	1,398	257	511	528	104
Vermont.....	9,277	4,589	523	3,214	2,965	952
Massachusetts.....	27,073	8,924	1,176	2,303	1,555	18,069
Rhode Island.....	1,394	931	178	266	276	8
Connecticut.....	8,775	4,974	896	2,390	2,333	573
New York.....	55,399	26,087	3,497	19,424	15,324	6,439
New Jersey.....	13,205	8,016	1,702	2,395	2,459	1,014
<b>District No. 2.....</b>	<b>88,189</b>	<b>36,494</b>	<b>6,028</b>	<b>25,625</b>	<b>20,958</b>	<b>19,716</b>
Pennsylvania.....	23,553	10,927	1,505	7,562	7,306	3,815
Delaware.....	1,383	462	81	639	624	216
Maryland.....	11,315	3,760	585	3,369	3,513	3,457
Virginia.....	24,228	8,910	992	3,562	3,694	10,632
West Virginia.....	5,548	3,651	502	1,295	1,296	105
Puerto Rico.....	22,162	8,784	2,363	9,198	4,531	1,491
<b>District No. 3.....</b>	<b>100,087</b>	<b>41,393</b>	<b>10,099</b>	<b>25,685</b>	<b>23,087</b>	<b>24,974</b>
North Carolina.....	22,178	11,818	2,576	6,011	5,279	2,505
South Carolina.....	13,548	8,276	2,175	3,000	2,961	136
Georgia.....	36,057	13,718	3,519	7,481	7,225	11,595
Florida.....	28,304	7,581	1,829	9,193	7,622	10,738
<b>District No. 4.....</b>	<b>120,941</b>	<b>56,592</b>	<b>5,686</b>	<b>40,360</b>	<b>37,923</b>	<b>18,833</b>
Ohio.....	39,413	16,469	1,456	14,098	12,629	7,801
Indiana.....	43,385	20,692	1,683	14,205	13,868	6,632
Kentucky.....	18,731	9,899	1,236	7,050	6,617	932
Tennessee.....	19,412	9,532	1,311	5,007	4,809	3,468
<b>District No. 5.....</b>	<b>87,427</b>	<b>44,726</b>	<b>4,828</b>	<b>20,752</b>	<b>12,861</b>	<b>19,375</b>
Alabama.....	22,712	15,880	1,831	3,611	3,581	1,173
Mississippi.....	39,024	17,266	1,844	13,408	5,561	9,377
Louisiana.....	25,691	11,580	1,153	3,733	3,719	8,825
<b>District No. 6.....</b>	<b>148,297</b>	<b>83,523</b>	<b>7,105</b>	<b>36,524</b>	<b>27,731</b>	<b>27,934</b>
Illinois.....	76,729	53,227	2,658	16,406	14,929	4,829
Missouri.....	41,013	20,422	3,000	11,371	9,404	7,698
Arkansas.....	30,555	9,874	1,447	8,747	3,398	15,407
<b>District No. 7.....</b>	<b>184,830</b>	<b>116,371</b>	<b>17,511</b>	<b>24,043</b>	<b>21,947</b>	<b>26,172</b>
Michigan.....	32,086	20,093	2,812	4,060	4,243	4,919
Wisconsin.....	51,584	31,656	5,910	8,594	7,731	5,157
Minnesota.....	81,153	50,561	5,250	9,129	7,964	15,964
North Dakota.....	20,007	14,061	3,539	2,260	2,009	132
<b>District No. 8.....</b>	<b>205,118</b>	<b>165,702</b>	<b>9,745</b>	<b>22,790</b>	<b>21,432</b>	<b>6,317</b>
Iowa.....	100,853	83,827	3,151	8,715	8,382	4,972
South Dakota.....	32,797	26,306	2,214	4,052	3,736	166
Nebraska.....	58,699	47,961	3,538	6,441	6,184	650
Wyoming.....	12,769	7,608	842	3,582	3,130	529
<b>District No. 9.....</b>	<b>138,738</b>	<b>67,409</b>	<b>8,221</b>	<b>29,034</b>	<b>23,838</b>	<b>33,972</b>
Kansas.....	59,287	29,913	3,132	6,782	6,353	19,424
Oklahoma.....	41,004	17,704	2,510	8,572	6,343	12,252
Colorado.....	28,071	14,240	1,838	10,254	8,167	1,727
New Mexico.....	10,376	5,552	741	3,426	2,975	599
<b>District No. 10.....</b>	<b>161,631</b>	<b>94,274</b>	<b>8,469</b>	<b>40,486</b>	<b>31,191</b>	<b>17,771</b>
Texas.....	161,631	94,274	8,469	40,486	31,191	17,771
<b>District No. 11.....</b>	<b>134,468</b>	<b>62,427</b>	<b>9,630</b>	<b>34,460</b>	<b>21,294</b>	<b>34,831</b>
Arizona.....	10,341	5,784	524	3,701	2,714	293
Utah.....	18,463	6,445	865	5,414	2,612	5,702
Nevada.....	2,521	1,477	117	884	798	-----
California.....	103,143	48,721	8,124	24,461	15,170	28,836
<b>District No. 12.....</b>	<b>91,925</b>	<b>45,961</b>	<b>6,968</b>	<b>24,752</b>	<b>23,457</b>	<b>14,735</b>
Montana.....	19,519	10,409	1,997	6,529	6,377	359
Idaho.....	24,280	11,789	1,767	8,073	7,413	3,129
Washington.....	21,043	11,714	1,464	3,958	3,253	4,367
Oregon.....	27,083	12,049	1,740	6,192	6,414	6,880
<b>Unallocated.....</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>22,893</b>	<b>-----</b>	<b>-----</b>

<sup>1</sup> Adjusted to eliminate interagency transactions arising from the fact that production credit associations and banks for cooperatives borrow from and discount loans with Federal intermediate credit banks.

<sup>2</sup> Excludes outstanding loans of associations placed in liquidation.

<sup>3</sup> Excludes advances in connection with CCC programs.

Source: Dept. of Agriculture, Farm Credit Administration; semiannual Report on Loans and Discounts and records.

# No. 468.—FEDERAL LAND BANKS AND LAND BANK COMMISSIONER—NUMBER AND AMOUNT OF LOANS CLOSED DURING 1946 AND 1947, BY STATES

(Amounts in thousands of dollars)

FEDERAL LAND BANK DISTRICT AND STATE	TOTAL AMOUNT OF LOANS (FARM AND COMMIS- SIONER)		FEDERAL LAND BANKS				LAND BANK COMMISSIONER <sup>1</sup>			
			1946		1947		1946		1947	
	1946	1947	Num- ber	Amount	Num- ber	Amount	Num- ber	Amount	Num- ber	Amount
<b>Total.....</b>	<b>145,197</b>	<b>149,376</b>	<b>29,103</b>	<b>130,162</b>	<b>30,609</b>	<b>138,764</b>	<b>16,780</b>	<b>15,935</b>	<b>11,379</b>	<b>10,406</b>
<b>District No. 1.....</b>	<b>19,259</b>	<b>8,514</b>	<b>2,083</b>	<b>8,756</b>	<b>1,803</b>	<b>7,934</b>	<b>1,558</b>	<b>1,502</b>	<b>844</b>	<b>379</b>
Maine.....	643	442	153	533	119	406	128	110	51	36
New Hampshire.....	360	301	93	318	77	279	59	42	36	23
Vermont.....	1,196	1,181	273	1,079	248	1,107	184	117	96	74
Massachusetts.....	1,014	898	202	819	191	799	156	186	84	97
Rhode Island.....	178	75	24	156	12	66	19	23	7	6
Connecticut.....	781	684	111	426	114	605	94	166	50	79
New York.....	4,780	4,009	1,008	4,110	837	3,557	760	670	442	463
New Jersey.....	1,807	1,226	222	1,116	205	1,117	169	191	98	109
<b>District No. 2.....</b>	<b>5,767</b>	<b>5,915</b>	<b>1,005</b>	<b>4,777</b>	<b>1,134</b>	<b>5,182</b>	<b>841</b>	<b>990</b>	<b>636</b>	<b>732</b>
Pennsylvania.....	1,727	2,146	403	1,490	489	1,899	263	239	249	247
Delaware.....	103	104	24	90	21	88	17	13	14	16
Maryland.....	625	587	104	529	109	509	82	95	56	58
Virginia.....	773	849	162	664	168	775	116	119	71	74
West Virginia.....	524	506	101	425	90	430	89	99	52	78
Puerto Rico.....	2,013	1,743	211	1,589	269	1,482	274	424	193	261
<b>District No. 3.....</b>	<b>8,546</b>	<b>10,942</b>	<b>2,551</b>	<b>7,359</b>	<b>3,073</b>	<b>9,884</b>	<b>1,884</b>	<b>1,207</b>	<b>1,593</b>	<b>1,068</b>
North Carolina.....	2,629	3,048	818	2,265	993	2,732	546	344	494	316
South Carolina.....	1,843	1,632	560	1,581	582	1,487	446	262	259	145
Georgia.....	2,891	3,512	958	2,491	1,123	3,185	699	400	516	327
Florida.....	1,203	2,750	215	1,002	375	2,480	193	201	233	270
<b>District No. 4.....</b>	<b>7,322</b>	<b>8,549</b>	<b>1,582</b>	<b>6,603</b>	<b>1,817</b>	<b>8,004</b>	<b>785</b>	<b>719</b>	<b>634</b>	<b>636</b>
Ohio.....	2,183	2,239	424	1,992	470	2,199	201	191	154	140
Indiana.....	2,433	2,886	632	2,208	803	2,698	247	226	180	186
Kentucky.....	1,264	1,807	249	1,104	325	1,639	162	160	143	168
Tennessee.....	1,442	1,809	377	1,299	419	1,467	175	143	157	142
<b>District No. 5.....</b>	<b>9,640</b>	<b>9,744</b>	<b>3,178</b>	<b>8,652</b>	<b>3,499</b>	<b>9,110</b>	<b>1,833</b>	<b>948</b>	<b>1,137</b>	<b>634</b>
Alabama.....	3,193	3,789	1,297	2,857	1,459	3,542	782	336	300	247
Mississippi.....	4,306	3,780	1,430	3,893	1,538	3,550	801	415	452	230
Louisiana.....	2,099	2,175	451	1,902	502	2,018	250	197	185	157
<b>District No. 6.....</b>	<b>12,915</b>	<b>13,441</b>	<b>2,618</b>	<b>11,809</b>	<b>2,731</b>	<b>12,723</b>	<b>984</b>	<b>1,106</b>	<b>599</b>	<b>762</b>
Illinois.....	7,405	7,412	1,073	6,924	1,075	7,122	407	481	236	290
Missouri.....	3,711	3,687	1,025	3,402	993	3,464	292	309	175	233
Arkansas.....	1,799	2,342	520	1,483	663	2,147	285	316	179	195
<b>District No. 7.....</b>	<b>13,269</b>	<b>15,661</b>	<b>2,785</b>	<b>12,560</b>	<b>3,406</b>	<b>15,006</b>	<b>821</b>	<b>709</b>	<b>655</b>	<b>655</b>
Michigan.....	3,082	3,429	781	2,859	907	3,257	260	223	162	172
Wisconsin.....	3,683	4,846	744	3,482	1,103	4,657	238	201	203	188
Minnesota.....	6,504	7,387	1,260	6,219	1,396	7,092	323	285	290	296
North Dakota.....										
<b>District No. 8.....</b>	<b>24,050</b>	<b>28,032</b>	<b>3,855</b>	<b>22,729</b>	<b>4,281</b>	<b>26,442</b>	<b>1,228</b>	<b>1,321</b>	<b>1,491</b>	<b>1,599</b>
Iowa.....	10,765	12,679	1,448	10,271	1,617	11,964	466	494	612	716
South Dakota.....	5,096	5,872	1,092	4,803	1,152	5,557	281	293	338	316
Nebraska.....	8,763	7,727	1,110	6,357	1,303	7,294	376	406	448	433
Wyoming.....	1,426	1,753	205	1,298	209	1,628	105	128	93	125
<b>District No. 9.....</b>	<b>15,330</b>	<b>12,589</b>	<b>3,262</b>	<b>12,829</b>	<b>2,847</b>	<b>11,742</b>	<b>2,672</b>	<b>1,501</b>	<b>1,098</b>	<b>847</b>
Kansas.....	5,157	4,407	1,095	4,703	949	4,147	599	454	337	260
Oklahoma.....	4,956	3,846	1,316	4,402	1,095	3,540	901	554	475	306
Colorado.....	3,472	3,003	667	3,137	561	2,823	402	335	185	180
New Mexico.....	1,745	1,333	284	1,587	242	1,232	170	158	101	101
<b>District No. 10.....</b>	<b>13,623</b>	<b>10,737</b>	<b>2,736</b>	<b>12,054</b>	<b>2,177</b>	<b>9,983</b>	<b>2,080</b>	<b>1,569</b>	<b>970</b>	<b>754</b>
Texas.....	13,623	10,737	2,736	12,054	2,177	9,983	2,080	1,569	970	754
<b>District No. 11.....</b>	<b>15,104</b>	<b>14,549</b>	<b>1,824</b>	<b>12,999</b>	<b>2,018</b>	<b>13,300</b>	<b>1,436</b>	<b>2,105</b>	<b>976</b>	<b>1,249</b>
Arizona.....	1,400	1,145	152	1,242	140	1,047	117	158	71	98
Utah.....	1,154	1,366	206	1,012	251	1,245	181	142	133	121
Nevada.....	232	264	26	197	35	244	25	35	18	20
California.....	12,318	11,774	1,440	10,548	1,592	10,764	1,133	1,770	754	1,010
<b>District No. 12.....</b>	<b>9,392</b>	<b>10,306</b>	<b>1,524</b>	<b>8,035</b>	<b>1,821</b>	<b>9,440</b>	<b>1,258</b>	<b>1,267</b>	<b>827</b>	<b>906</b>
Montana.....	2,833	2,150	388	2,405	337	1,933	327	428	176	217
Idaho.....	2,341	3,089	443	2,045	581	2,839	333	296	231	230
Washington.....	1,939	2,430	332	1,643	439	2,222	287	296	207	209
Oregon.....	2,279	2,667	361	1,942	464	2,446	311	337	213	221

<sup>1</sup> Lending authority of the Land Bank Commissioner expired July 1, 1947.

Source: Department of Agriculture, Farm Credit Administration; records.

**No. 469.—FEDERAL LAND BANKS—PRINCIPAL ASSETS AND LIABILITIES AS OF DEC. 31: 1938 TO 1947**  
 [In thousands of dollars]

DECEMBER 31—	ASSETS				LIABILITIES				
	Total assets	Mortgage loans <sup>1</sup>	U. S. Govt. obligations, direct and fully guaranteed	Cash on hand and in banks	Farm loan bonds outstanding <sup>2</sup>	Capital stock		Paid-in surplus, U. S. Govt.	Reserve and undivided profits <sup>3</sup>
						Owned by U. S. Govt.	Other <sup>3</sup>		
1938.....	2,341,118	1,978,717	65,891	20,193	1,762,064	124,940	112,329	183,310	78,697
1939.....	2,300,172	1,896,213	88,874	37,184	1,742,835	126,000	111,476	187,578	91,528
1940.....	2,219,819	1,842,810	82,509	34,854	1,719,187	67,402	110,538	145,226	105,332
1941.....	2,193,018	1,758,430	106,861	36,564	1,704,803	67,517	107,554	145,373	116,990
1942.....	2,086,397	1,599,275	258,123	42,693	1,532,618	117,176	100,330	146,086	127,581
1943.....	1,901,081	1,365,757	398,416	30,842	1,361,802	120,260	87,999	142,022	128,919
1944.....	1,441,484	1,135,160	220,149	24,821	845,167	118,941	75,698	123,874	141,579
1945.....	1,231,881	1,025,950	144,725	33,935	630,975	117,790	68,106	50,252	162,084
1946.....	1,114,106	943,133	135,848	26,658	706,127	39,879	61,917	36,924	178,582
1947.....	990,409	868,290	104,249	21,217	661,573		66,955		195,501

<sup>1</sup> Less payments on principal and principal of delinquent and extended installments. <sup>2</sup> Unmatured.

<sup>3</sup> Owned by national farm-loan associations and individual borrowers.

<sup>4</sup> Not including special reserves set up against particular assets. Includes earned surplus.

**No. 470.—FEDERAL FARM MORTGAGE CORPORATION—PRINCIPAL ASSETS AND LIABILITIES AS OF DEC. 31, 1947**

[In thousands of dollars]

ITEM	Amount	ITEM	Amount
<b>Assets, total.....</b>	<b>125,849</b>	<b>Assets—Continued.....</b>	
Mortgage loans.....	102,404	Cash with the Treasurer of the U. S.....	7,423
Purchase-money mortgages, etc.....	6,099	Notes receivable—Federal land banks.....	21,000
Unmatured extensions.....	35	Other assets.....	937
Delinquent installments, advances, etc.....	1,187	<b>Liabilities, total.....</b>	<b>125,849</b>
Accrued interest receivable (not due).....	1,516		
<b>Total.....</b>	<b>111,241</b>	Matured principal and interest on Federal Farm Mortgage Corporation bonds.....	2,303
Less reserve.....	14,952	Other liabilities.....	2,838
<b>Net.....</b>	<b>96,289</b>	Capital stock, U. S. Government.....	1,000
		Earned surplus.....	119,708

<sup>1</sup> First-mortgage loans, \$39,342,000; second-mortgage loans, \$63,062,000.

**No. 471.—JOINT-STOCK LAND BANKS—PRINCIPAL ASSETS AND LIABILITIES AS OF DEC. 31: 1942 TO 1947**

[Banks in receivership not included after date of receivership. Farm Mortgage Act of 1933, approved May 12, prohibited joint-stock banks from making new farm-mortgage loans, except in connection with refinancing of existing loans, and provided for orderly liquidation of banks]

[In thousands of dollars]

ASSETS AND LIABILITIES	1942	1943	1944	1945	1946	1947
<b>Assets, total.....</b>	<b>53,472</b>	<b>13,733</b>	<b>8,159</b>	<b>4,255</b>	<b>2,543</b>	<b>1,625</b>
Mortgage loans <sup>1</sup> .....	19,558	2,765	938	327	109	3
Purchase-money mortgages, contracts, etc.....	18,247	4,502	2,512	1,712	1,533	642
Cash and securities.....	6,229	2,290	1,957	616	420	214
Real estate, sheriffs' certificates, etc.....	13,728	4,071	2,711	1,569	463	154
Other assets.....	610	105	41	31	19	12
<b>Liabilities.....</b>	<b>53,472</b>	<b>13,733</b>	<b>8,159</b>	<b>4,255</b>	<b>2,543</b>	<b>1,625</b>
Bonds <sup>2</sup> .....	21,167	3,720	1,383	196	40	23
Notes payable.....	8,312	3,494	2,068	405	137	65
Other liabilities.....	1,615	909	613	151	186	127
Capital stock and paid-in surplus.....	19,364	8,043	5,853	4,739	2,705	936
Earned surplus, reserves, and undivided profits.....	3,014	-2,433	-1,748	-1,226	-826	-126

<sup>1</sup> Less payments on principal and principal of delinquent installments.

<sup>2</sup> Includes bonds matured or called.

Sources of tables 469, 470, and 471: Department of Agriculture, Farm Credit Administration; Annual Report, and records.

### No. 472.—JOINT-STOCK LAND BANKS—FARM MORTGAGE LOANS CLOSED AND OUTSTANDING: 1926 TO 1947

(In thousands of dollars. Banks in receivership are included)

YEAR	Loans closed	Loans outstanding Dec. 31 <sup>1</sup>	YEAR	Loans closed	Loans outstanding Dec. 31 <sup>1</sup>
1926.....	128,026	632,476	1937.....	267	104,163
1927.....	83,719	669,708	1938.....	175	87,362
1928.....	40,572	656,516	1939.....	263	65,719
1929.....	18,186	626,980	1940.....	123	47,768
1930.....	5,236	590,811	1941.....	49	32,764
1931.....	5,407	536,644	1942.....	68	20,780
1932.....	2,181	469,183	1943.....	2	2,016
1933.....	739	392,438	1944.....	(2)	1,029
1934.....	216	265,927	1945.....	14	368
1935.....	275	175,677	1946.....		108
1936.....	237	183,460	1947.....		8

<sup>1</sup> Unmatured principal, 1926-39, except for banks in receivership, for which unpaid principal is used; beginning 1940, figures represent unpaid principal and do not include loans called for foreclosure.

<sup>2</sup> Less than \$500.

Source: Department of Agriculture, Farm Credit Administration; Annual Report and records.

### No. 473.—BANKS FOR COOPERATIVES—LOANS MADE BY BANK, AND LOANS OUTSTANDING BY BANK AND BY TYPE OF LOAN: 1947

(In thousands of dollars)

BANK	Loans made, 1947	LOANS OUTSTANDING DEC. 31, 1947				
		Total	Commodity	Operating	Facility	Secured by CCC documents
Total.....	530,248	274,777	48,158	151,689	65,983	7,947
District banks.....	420,399	234,706	30,133	138,819	64,662	1,991
Springfield.....	45,345	30,122	518	20,176	9,428	
Baltimore.....	32,676	20,956	545	15,377	5,034	
Columbia.....	30,401	14,117	1,953	7,785	4,370	
Louisville.....	22,778	15,098	734	11,448	2,916	
New Orleans.....	29,848	20,660	3,600	11,502	3,514	1,444
St. Louis.....	42,722	28,999	5,618	14,411	6,719	261
St. Paul.....	48,968	20,768	1,362	11,723	7,683	
Omaha.....	22,513	7,132	1,898	3,850	1,364	
Wichita.....	70,070	21,583	2,569	9,904	6,896	234
Houston.....	24,942	15,514	123	12,047	3,272	72
Berkeley.....	35,718	29,425	10,100	14,504	4,821	
Spokane.....	17,974	14,735	1,123	8,728	4,884	
Eliminations—participation loans.....	2,646	3,804		2,936	868	
Central Bank.....	220,531	96,038	27,615	45,736	17,116	6,171
Eliminations—participation loans.....	110,682	55,966	8,990	32,566	14,196	215
Principal product or services:						
Farm products.....		194,638	46,245	107,761	32,735	7,947
Cotton fiber.....		38,850	26,647	4,393	30	7,790
Fruits and vegetables.....		40,937	5,445	27,538	7,954	
Grain.....		32,110	7,971	19,296	4,674	167
Other.....		82,791	6,182	56,532	20,077	
Farm supply.....		60,613	1,747	41,368	26,496	
Farm business services and miscellaneous.....		10,476	166	2,560	7,750	

Source: Department of Agriculture, Farm Credit Administration; Annual Report and records.

**No. 474.—FEDERAL INTERMEDIATE CREDIT BANKS—PRINCIPAL ASSETS AND LIABILITIES AS OF DEC. 31: 1935 TO 1947**

[In thousands of dollars]

YEAR AND BANK	ASSETS					LIABILITIES			
	Total assets	Loans and discounts <sup>1</sup>			U. S. obligations, direct and fully guaranteed <sup>2</sup>	Cash on hand and in banks	Paid-in capital and surplus, U. S. Government	Surplus earned, reserves and undivided profits <sup>3</sup>	Debentures outstanding (unmatured) <sup>4</sup>
		Cooperative associations	Banks for cooperatives	Financing institutions					
<b>All banks:</b>									
1935.....	239,755	2,731	8,047	143,822	73,255	9,587	100,000	5,062	131,005
1936.....	255,086	1,641	22,313	148,576	73,215	8,876	100,000	8,386	143,980
1937.....	290,707	1,813	29,155	176,503	73,404	8,245	100,000	12,661	174,960
1938.....	288,029	920	25,294	176,653	73,999	9,587	100,000	16,195	168,725
1939.....	328,763	1,835	17,911	180,680	74,800	52,707	100,000	19,160	207,200
1940.....	286,293	1,495	15,616	203,219	36,000	26,218	60,000	23,579	200,475
1941.....	324,008	2,151	32,275	232,985	36,000	18,490	60,000	25,875	236,000
1942.....	391,703	2,000	76,358	235,665	44,000	31,004	60,000	27,943	301,470
1943.....	416,399	2,000	103,718	240,731	36,000	30,601	60,000	29,605	325,205
1944.....	371,514	760	63,017	233,315	39,499	29,620	60,000	30,448	279,600
1945.....	338,229	2,042	40,517	229,232	43,151	20,147	60,000	32,031	242,285
1946.....	388,083	4,151	41,538	269,167	47,401	22,198	60,000	33,056	291,020
1947.....	454,379	4,000	44,534	332,462	47,651	21,550	60,000	34,189	354,635
Springfield.....	41,752	4,000	1,692	29,062	3,889	2,600	5,000	2,678	33,128
Baltimore.....	35,001		3,289	35,134	4,055	2,205	5,000	2,235	25,955
Columbia.....	33,832		3,730	24,319	3,421	2,039	5,000	1,373	27,215
Louisville.....	47,330		1,907	39,225	3,395	2,416	5,000	3,118	39,060
New Orleans.....	32,237		3,600	17,532	6,535	1,445	5,000	1,775	25,320
St. Louis.....	45,708		9,164	31,354	3,337	1,489	5,000	2,672	37,770
St. Paul.....	34,010		3,546	23,981	4,337	1,422	5,000	4,129	24,760
Omaha.....	29,731		1,357	23,661	3,823	451	5,000	3,852	20,265
Wichita.....	34,237		3,525	26,052	3,847	623	5,000	3,209	25,860
Houston.....	46,575		1,182	40,697	3,815	506	5,000	4,309	36,020
Berkeley.....	43,664		9,768	27,219	3,444	2,727	5,000	1,945	35,275
Spokane.....	33,515		1,774	24,206	3,760	3,550	5,000	2,864	23,410

<sup>1</sup> Exclusive of interbank loans.

<sup>2</sup> Carried at amortized cost or par, whichever is lower.

<sup>3</sup> Net amount after deducting impairment or deficit.

<sup>4</sup> Adjusted for debentures held by banks of issue and by other Federal intermediate credit banks.

<sup>5</sup> Total is less than sum of figures for individual banks because of interbank transactions.

**No. 475.—FEDERAL INTERMEDIATE CREDIT BANKS—LOANS AND DISCOUNTS MADE, BY TYPE OF INSTITUTION: 1939 TO 1947**

[In thousands of dollars]

YEAR AND BANK	Total	LOANS TO AND DISCOUNTS FOR FINANCING INSTITUTIONS			Discounts for banks for cooperatives	Direct loans to cooperative associations
		Total	Production credit associations	Other		
1939.....	471,936	438,247	351,690	86,557	29,833	4,166
1940.....	512,258	475,868	387,275	88,593	31,797	4,593
1941.....	647,209	571,359	469,098	102,261	70,199	5,651
1942.....	815,997	646,082	536,004	110,078	160,518	9,397
1943.....	927,436	699,216	604,254	94,962	223,230	5,000
1944.....	877,606	730,809	649,065	81,744	143,397	3,402
1945.....	838,460	737,990	663,499	74,491	96,439	4,032
1946.....	1,022,487	891,962	803,870	88,092	118,946	11,579
1947.....	1,253,123	1,104,449	991,608	112,832	134,565	14,139
Springfield.....	83,692	67,093	65,604	1,399	3,999	12,000
Baltimore.....	61,812	45,556	40,269	5,287	16,256	
Columbia.....	109,731	88,052	87,067	985	21,679	
Louisville.....	103,119	97,247	93,964	3,283	5,872	
New Orleans.....	79,089	71,189	50,492	20,697	7,900	
St. Louis.....	134,066	109,612	100,420	9,192	24,454	
St. Paul.....	77,567	67,402	62,440	4,962	10,185	
Omaha.....	77,567	78,214	72,481	5,733	6,350	
Wichita.....	93,995	84,699	77,000	6,981	9,326	
Houston.....	198,308	191,830	157,223	34,607	6,478	
Berkeley.....	124,404	106,474	88,841	17,633	16,402	1,828
Spokane.....	102,766	97,102	95,039	2,063	5,664	

Source of tables 474 and 475: Department of Agriculture, Farm Credit Administration, Annual Report, and records.

# No. 476.—PRODUCTION CREDIT ASSOCIATIONS—LOANS CLOSED DURING 1946 AND 1947, AND LOANS OUTSTANDING DECEMBER 31, 1946 AND 1947 BY STATES

[Amounts in thousands of dollars. Excludes data for associations placed in liquidation]

DISTRICT AND STATE	LOANS CLOSED				LOANS OUTSTANDING DEC. 31			
	1946		1947		1946		1947	
	Number	Amount advanced	Number	Amount advanced	Number	Amount	Number	Amount
<b>Total</b> .....	<b>228,413</b>	<b>614,613</b>	<b>251,178</b>	<b>787,611</b>	<b>132,344</b>	<b>233,907</b>	<b>144,891</b>	<b>293,606</b>
<b>District No. 1</b> .....	<b>16,073</b>	<b>49,886</b>	<b>17,435</b>	<b>49,042</b>	<b>12,849</b>	<b>20,936</b>	<b>13,864</b>	<b>27,889</b>
Maine.....	1,089	4,889	1,128	4,763	592	1,467	771	2,449
New Hampshire.....	371	787	356	910	277	412	331	828
Vermont.....	1,862	4,028	2,051	5,011	1,459	2,286	1,602	2,965
Massachusetts.....	964	2,485	1,062	2,885	702	1,286	803	1,555
Rhode Island.....	188	459	202	490	157	214	166	276
Connecticut.....	941	3,062	1,012	3,939	668	1,657	780	2,332
New York.....	9,426	21,867	10,240	26,313	7,379	11,944	8,396	15,324
New Jersey.....	1,262	3,818	1,389	4,731	815	1,729	1,016	2,459
<b>District No. 2</b> .....	<b>12,146</b>	<b>26,125</b>	<b>14,062</b>	<b>37,841</b>	<b>9,331</b>	<b>16,549</b>	<b>10,986</b>	<b>26,968</b>
Pennsylvania.....	5,089	9,214	5,739	11,736	4,457	5,001	5,131	7,306
Delaware.....	366	841	477	1,132	326	482	389	624
Maryland.....	1,782	5,990	1,907	6,531	1,427	2,868	1,594	3,313
Virginia.....	3,602	8,501	4,160	7,046	1,849	2,775	2,193	3,694
West Virginia.....	714	1,448	831	1,752	624	969	743	1,290
Puerto Rico.....	591	7,131	948	9,644	848	3,885	938	4,531
<b>District No. 3</b> .....	<b>41,061</b>	<b>50,182</b>	<b>45,634</b>	<b>60,991</b>	<b>13,600</b>	<b>17,396</b>	<b>16,426</b>	<b>23,087</b>
North Carolina.....	17,469	16,938	19,508	20,419	4,591	4,003	6,467	5,279
South Carolina.....	9,048	8,918	9,778	10,422	1,996	1,969	3,070	2,961
Georgia.....	11,858	15,014	13,247	18,304	4,606	5,715	5,821	7,225
Florida.....	2,686	9,325	3,101	11,846	1,716	6,220	2,077	7,622
<b>District No. 4</b> .....	<b>30,179</b>	<b>56,069</b>	<b>33,836</b>	<b>73,991</b>	<b>22,830</b>	<b>26,142</b>	<b>25,716</b>	<b>37,928</b>
Ohio.....	9,280	17,951	10,169	23,117	7,481	9,271	8,490	12,629
Indiana.....	9,672	22,994	10,149	29,830	7,252	10,218	7,987	12,808
Kentucky.....	5,819	8,814	7,035	11,468	4,647	5,232	5,113	6,617
Tennessee.....	5,398	6,610	6,477	8,596	3,450	3,421	4,226	4,809
<b>District No. 5</b> .....	<b>31,343</b>	<b>42,543</b>	<b>32,478</b>	<b>45,359</b>	<b>14,478</b>	<b>14,081</b>	<b>11,962</b>	<b>12,861</b>
Alabama.....	8,801	10,128	9,101	11,308	3,296	3,219	3,320	3,581
Mississippi.....	15,701	20,761	16,125	23,598	7,807	7,264	6,947	5,561
Louisiana.....	7,241	12,674	7,252	14,463	3,373	3,608	2,696	3,719
<b>District No. 6</b> .....	<b>26,619</b>	<b>62,205</b>	<b>29,323</b>	<b>77,676</b>	<b>14,468</b>	<b>22,962</b>	<b>15,543</b>	<b>27,731</b>
Illinois.....	10,062	29,101	10,411	35,771	6,273	11,936	6,583	14,929
Missouri.....	8,688	20,924	9,584	25,766	5,602	8,061	5,900	9,404
Arkansas.....	7,849	12,180	9,327	16,138	2,593	2,965	3,060	3,398
<b>District No. 7</b> .....	<b>17,836</b>	<b>37,968</b>	<b>19,542</b>	<b>47,304</b>	<b>13,744</b>	<b>16,834</b>	<b>15,290</b>	<b>21,947</b>
Michigan.....	3,434	5,262	3,861	7,135	2,850	2,824	3,332	4,243
Wisconsin.....	6,588	12,278	7,454	18,012	5,255	5,810	6,111	7,731
Minnesota.....	6,215	16,196	6,619	19,889	4,621	6,483	4,843	7,964
North Dakota.....	1,668	4,232	1,606	5,166	1,018	1,719	1,004	2,009
<b>District No. 8</b> .....	<b>8,065</b>	<b>46,561</b>	<b>8,119</b>	<b>57,636</b>	<b>5,964</b>	<b>17,458</b>	<b>6,079</b>	<b>21,422</b>
Iowa.....	3,588	19,572	3,540	24,517	2,869	7,381	2,704	8,382
South Dakota.....	1,941	8,679	1,920	10,109	1,511	3,248	1,455	3,736
Nebraska.....	2,311	12,927	2,401	15,613	1,576	4,411	1,741	6,194
Wyoming.....	225	5,483	258	7,497	148	2,438	179	3,120
<b>District No. 9</b> .....	<b>10,145</b>	<b>47,210</b>	<b>11,492</b>	<b>61,943</b>	<b>6,915</b>	<b>17,548</b>	<b>6,966</b>	<b>23,838</b>
Kansas.....	2,845	11,732	3,273	15,533	1,894	4,493	2,178	6,353
Oklahoma.....	4,288	11,566	4,926	15,192	2,496	4,627	2,964	6,345
Colorado.....	2,304	18,024	2,529	23,256	1,329	6,370	1,461	8,167
New Mexico.....	706	6,868	764	7,062	357	2,093	393	2,975
<b>District No. 10</b> .....	<b>19,972</b>	<b>56,909</b>	<b>21,840</b>	<b>104,547</b>	<b>12,105</b>	<b>28,812</b>	<b>11,693</b>	<b>31,191</b>
Texas.....	19,972	56,909	21,840	104,547	12,105	28,812	11,693	31,191
<b>District No. 11</b> .....	<b>6,135</b>	<b>56,152</b>	<b>7,623</b>	<b>68,649</b>	<b>3,546</b>	<b>16,261</b>	<b>4,394</b>	<b>21,294</b>
Arizona.....	578	5,507	632	6,804	416	2,565	433	2,714
Utah.....	676	6,221	787	8,291	560	2,057	656	2,612
Nevada.....	49	2,394	51	2,664	32	570	37	796
California.....	4,832	42,030	5,552	50,990	2,550	11,099	3,279	15,170
<b>District No. 12</b> .....	<b>8,940</b>	<b>55,678</b>	<b>10,462</b>	<b>69,723</b>	<b>4,892</b>	<b>16,229</b>	<b>5,733</b>	<b>23,497</b>
Montana.....	2,877	16,799	3,253	21,202	1,446	4,260	1,598	6,377
Idaho.....	2,088	14,707	3,249	20,178	1,369	4,382	1,651	7,413
Washington.....	1,561	8,637	1,667	9,416	969	2,727	1,037	3,263
Oregon.....	1,824	16,530	2,233	18,928	1,106	4,870	1,447	6,414

Source: Department of Agriculture, Farm Credit Administration; records.



**No. 477.—RECONSTRUCTION FINANCE CORPORATION—LOAN AND OTHER AUTHORIZATIONS, BY CHARACTER OF LOANS; PURCHASES OF SECURITIES FROM PWA; AND ALLOCATIONS TO OTHER GOVERNMENTAL AGENCIES: FEB. 1932 TO DEC. 31, 1947**

[In thousands of dollars]

CHARACTER OF LOAN	TOTAL FEB. 2, 1932, TO DEC. 31, 1947		Outstand- ing Decem- ber 31, 1947
	Disbursed	Repaid <sup>1</sup>	
<b>Loan and other authorizations, by character of loan, total.....</b>	<b>31,341,807</b>	<b>30,177,281</b>	<b>1,164,526</b>
<b>Banks and trust companies.....</b>	<b>3,368,975</b>	<b>3,222,445</b>	<b>146,530</b>
Loans to aid in the reorganization or liquidation of closed banks <sup>2</sup> .....	1,060,158	1,059,310	848
Loans to open banks <sup>3</sup> .....	1,138,252	1,138,252	-----
Loans on and subscriptions for preferred stock, and purchases of capital notes or debentures.....	1,170,565	1,024,883	145,682
Export-Import banks: Loan and subscriptions for preferred stock.....	201,500	201,500	-----
Federal Home Loan Banks: Purchase of stock.....	124,741	124,741	-----
<b>Agricultural financing institutions, etc.....</b>	<b>1,452,180</b>	<b>1,452,125</b>	<b>55</b>
Loans to Federal Land banks.....	387,236	387,236	-----
Loans to intermediate credit banks.....	9,250	9,250	-----
Loans to regional agricultural credit corporations.....	173,244	173,244	-----
Loans to Commodity Credit Corporation.....	767,717	767,717	-----
Loans to Secretary of Agriculture to acquire cotton.....	3,300	3,300	-----
Loans to joint-stock land banks.....	26,195	26,195	-----
Loans to agricultural credit corporations.....	5,643	5,643	-----
Loans to livestock credit corporations.....	12,650	12,650	-----
Authorizations for financing exports of agricultural surpluses.....	47,301	47,301	-----
Loans for financing agricultural commodities and livestock.....	19,644	19,589	55
<b>Other financial institutions.....</b>	<b>1,120,538</b>	<b>1,078,264</b>	<b>42,274</b>
Building and loan associations (including receivers).....	140,158	140,158	-----
Insurance companies:			
Loans.....	90,693	90,693	-----
Loans on and subscriptions for preferred stock.....	52,150	45,915	6,235
Mortgage-loan companies: <sup>4</sup>			
Loans.....	245,131	245,092	39
Loans to The RFC Mortgage Company.....	309,910	309,910	-----
Loans to Federal National Mortgage Association.....	246,496	246,496	-----
Subscriptions for stock of the RFC Mortgage Company.....	25,000	-----	25,000
Subscription for stock of the Federal National Mortgage Association.....	11,000	-----	11,000
Railroads (including receivers and trustees).....	933,285	791,714	141,571
Business enterprises—loans and participations (except to aid in National Defense) <sup>5</sup> .....	7645,560	399,490	246,070
National Defense—loans, participations, and purchase of stock of corporations created by the RFC to aid in National Defense.....	21,925,922	21,646,461	279,461
Mining, milling, or smelting of ores—loans.....	8,470	3,946	4,524
Self-liquidating projects.....	647,848	598,445	49,403
Drainage, levee, and irrigation districts.....	101,788	85,951	15,837
Repair of damage by earthquake, flood, etc.....	14,078	12,900	1,178
Loan to a foreign government.....	460,000	222,377	237,623
<b>Other.....</b>	<b>336,922</b>	<b>336,922</b>	<b>-----</b>
Loans to credit unions.....	600	600	-----
Loans to processors, or distributors subject to processing taxes.....	15	15	-----
Loans to State funds for securing repayment of deposits of public moneys.....	13,065	13,065	-----
Loans to refinance public-school district obligations.....	957	957	-----
Loan for payment of teachers' salaries.....	22,300	22,300	-----
Amounts made available for relief, under the Emergency Relief and Construction Act of 1932, as amended.....	299,985	299,985	-----
Purchases of securities from Public Works Administration.....	652,566	592,890	59,676
Allocations and loans to other governmental agencies.....	4,115,621	4,115,621	-----

<sup>1</sup> Exclusive of repayments, unallocated, pending advices, as of Dec. 31, 1947.

<sup>2</sup> Includes loans to receivers, liquidating agents, and conservators, loans through mortgage loan companies to aid closed banks, a loan to a livestock credit corporation for purpose of liquidating a closed National bank, and loans on assets of closed banks under sec. 5e of the RFC Act, as amended.

<sup>3</sup> Excludes loans through banks to business enterprises.

<sup>4</sup> Includes \$193,618,000 representing refinancing of previous loans by the Corporation to these banks.

<sup>5</sup> Excludes loans through mortgage loan companies to aid closed banks and to business enterprises.

<sup>6</sup> Includes loans to business enterprises through banks and mortgage loan companies.

<sup>7</sup> In addition, participating banks had disbursed \$748,183,000 (exclusive of disbursements in connection with transfer of authorizations from Smaller War Plants Corporation) on immediate and deferred participations as of Dec. 31, 1947.

<sup>8</sup> In addition, participating banks had disbursed \$316,832,000 on immediate and deferred participations as of Dec. 31, 1947.

<sup>9</sup> Includes \$17,159,000 representing repayments and other reductions by States and political subdivisions; and \$282,826,000 representing cancellation of the Corporation's notes, pursuant to the provisions of the act approved Feb. 24, 1938, equivalent to the balance of the amounts disbursed.

<sup>10</sup> Of this amount \$3,054,064,000 represents cancellation of the Corporation's notes, pursuant to the provisions of the act approved Feb. 24, 1938, equivalent to the balance of the amount disbursed for allocations to other governmental agencies and for relief by direction of Congress and the interest paid thereon.

Source: Federal Loan Agency, Reconstruction Finance Corporation; Report for Fourth Quarter of 1947.

## No. 478.—BANK CLEARINGS FOR LEADING CITIES: 1930 TO 1947

(In millions of dollars. Cities listed in order of importance according to clearings in 1947. No figures given for Los Angeles, which ranked eighth in 1929 but has not reported clearings for any subsequent year. Comparability of figures for different years is affected by tendency toward consolidation of banks, eliminating former clearings between 2 or more banks. Debits to individual account (table 479) are a better measure of volume of payment. For figures for earlier years for all cities reporting to New York Clearing House Association, 1883 to 1929, and for figures for 146 identical cities, 1929 to 1936, see table 263, Statistical Abstract, 1937)

CITY	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
<b>Total, 37 cities.....</b>	<b>630, 185</b>	<b>363, 125</b>	<b>245, 763</b>	<b>232, 715</b>	<b>251, 447</b>	<b>285, 499</b>	<b>313, 603</b>	<b>317, 060</b>	<b>279, 210</b>	<b>290, 200</b>	<b>296, 667</b>	<b>355, 535</b>	<b>393, 999</b>	<b>463, 317</b>	<b>536, 034</b>	<b>594, 764</b>	<b>664, 194</b>	<b>699, 773</b>
New York.....	347, 110	263, 270	160, 138	157, 414	161, 607	181, 551	193, 649	196, 740	165, 136	166, 914	165, 878	183, 293	192, 039	248, 560	296, 349	334, 433	360, 065	361, 238
Philadelphia.....	26, 360	19, 701	13, 970	12, 424	14, 515	16, 909	18, 745	19, 724	17, 089	19, 823	21, 455	26, 782	28, 879	32, 314	33, 028	34, 710	40, 138	43, 381
Chicago.....	26, 708	19, 201	10, 937	9, 612	11, 194	13, 196	13, 728	17, 013	14, 691	15, 556	16, 686	20, 293	21, 194	23, 622	25, 710	27, 260	31, 914	36, 541
Boston.....	23, 060	18, 373	10, 554	9, 405	9, 843	10, 646	11, 853	11, 914	10, 807	11, 516	11, 044	14, 581	16, 517	17, 708	18, 268	19, 500	21, 640	23, 099
San Francisco.....	9, 559	7, 142	5, 034	4, 685	5, 475	6, 469	7, 230	7, 914	7, 033	7, 350	7, 774	9, 485	11, 537	13, 267	14, 835	16, 743	18, 254	19, 547
Detroit.....	8, 440	6, 167	3, 236	1, 941	3, 573	4, 525	5, 351	5, 868	4, 420	5, 034	6, 312	9, 066	13, 397	17, 468	18, 072	19, 473	21, 104	22, 745
Kansas City, Mo.....	6, 302	4, 400	3, 186	2, 884	3, 619	4, 348	4, 790	5, 258	4, 406	4, 767	4, 999	6, 315	7, 924	9, 802	10, 005	10, 858	12, 060	13, 471
Cleveland.....	6, 638	5, 123	3, 844	2, 531	2, 979	3, 417	4, 265	5, 128	4, 352	5, 028	6, 734	7, 761	9, 881	10, 784	11, 230	11, 659	12, 659	14, 906
Pittsburgh.....	9, 247	6, 656	4, 180	3, 795	4, 465	5, 246	6, 044	7, 387	5, 561	6, 119	7, 075	9, 294	11, 167	12, 624	13, 469	12, 979	12, 822	13, 711
St. Louis.....	6, 146	4, 898	3, 070	2, 897	3, 452	3, 941	4, 498	4, 815	4, 211	4, 628	4, 822	6, 122	7, 229	8, 628	9, 317	9, 724	11, 261	12, 962
Minneapolis.....	4, 016	3, 172	2, 438	2, 518	2, 704	3, 045	3, 337	3, 686	3, 256	3, 467	3, 787	4, 614	5, 464	7, 057	7, 367	8, 196	10, 364	12, 408
Atlanta.....	2, 258	1, 836	1, 414	1, 503	1, 937	2, 205	2, 601	2, 880	2, 671	3, 010	3, 431	4, 552	5, 408	6, 561	7, 529	8, 264	9, 804	10, 804
Dallas.....	2, 122	1, 803	1, 281	1, 401	1, 743	1, 969	2, 402	2, 700	2, 535	2, 789	2, 967	3, 758	4, 439	5, 373	5, 952	6, 835	8, 680	10, 623
Baltimore.....	4, 820	3, 552	2, 863	2, 044	2, 640	2, 911	3, 349	3, 643	3, 274	3, 586	4, 202	5, 426	6, 346	7, 142	7, 922	8, 315	9, 216	10, 070
Houston.....	1, 676	1, 385	1, 009	1, 051	1, 245	1, 420	1, 809	2, 166	2, 124	2, 387	2, 668	3, 206	3, 878	4, 733	5, 360	5, 982	7, 205	8, 850
Cincinnati.....	3, 203	2, 538	2, 089	1, 816	2, 124	2, 496	2, 861	3, 230	2, 780	2, 985	3, 245	4, 128	4, 875	5, 412	5, 960	6, 305	7, 161	8, 329
Richmond.....	2, 267	1, 749	1, 369	1, 266	1, 556	1, 697	1, 893	2, 112	1, 982	2, 106	2, 237	2, 799	3, 329	3, 862	4, 179	4, 516	5, 437	6, 977
Omaha.....	2, 183	1, 725	1, 102	987	1, 375	1, 503	1, 647	1, 811	1, 468	1, 566	1, 614	1, 972	2, 652	3, 707	3, 736	3, 968	4, 782	5, 870
Portland, Oreg.....	1, 770	1, 364	998	847	1, 078	1, 279	1, 472	1, 652	1, 472	1, 603	1, 860	2, 565	3, 318	4, 005	4, 652	4, 830	5, 412	6, 808
New Orleans.....	2, 315	2, 010	1, 362	934	1, 251	1, 434	1, 706	1, 973	1, 905	2, 067	2, 161	2, 823	3, 483	4, 334	4, 572	4, 665	5, 363	6, 736
Louisville.....	1, 850	1, 574	911	916	1, 189	1, 395	1, 631	1, 796	1, 636	1, 779	1, 933	2, 706	3, 090	3, 501	3, 742	4, 028	4, 704	5, 619
Seattle.....	1, 906	1, 563	1, 141	965	1, 194	1, 460	1, 727	1, 966	1, 709	1, 847	2, 113	2, 905	3, 890	4, 593	4, 625	4, 763	5, 671	6, 578
Denver.....	1, 694	1, 265	940	882	1, 050	1, 264	1, 481	1, 666	1, 486	1, 576	1, 637	1, 985	2, 301	2, 812	2, 973	3, 269	4, 236	4, 907
Memphis.....	954	660	551	600	760	828	1, 036	1, 043	856	1, 100	1, 266	1, 941	2, 030	2, 230	2, 460	2, 620	3, 653	4, 520
Birmingham.....	1, 010	699	455	506	737	816	927	1, 055	950	1, 103	1, 230	1, 665	2, 006	2, 327	2, 690	3, 125	3, 852	4, 302
Buffalo.....	2, 094	1, 900	1, 204	1, 206	1, 342	1, 473	1, 663	1, 897	1, 539	1, 663	1, 833	2, 334	2, 679	3, 074	3, 367	3, 612	4, 445	4, 902
St. Paul.....	1, 200	1, 016	708	760	1, 034	1, 171	1, 290	1, 348	1, 258	1, 320	1, 459	1, 746	2, 037	2, 412	2, 492	2, 628	3, 291	3, 909
Jacksonville.....	676	569	431	384	530	625	754	921	860	970	1, 106	1, 447	1, 666	2, 246	2, 532	2, 801	3, 568	4, 855
Washington, D. C.....	1, 318	1, 238	957	618	789	935	1, 128	1, 256	1, 147	1, 208	1, 414	1, 757	1, 873	1, 975	2, 102	2, 499	3, 140	3, 428
Nashville.....	1, 079	628	460	468	575	697	868	934	904	972	1, 066	1, 289	1, 616	1, 932	2, 050	2, 140	2, 641	3, 197
Milwaukee.....	1, 487	1, 157	774	582	695	829	1, 027	1, 045	992	1, 051	1, 142	1, 271	1, 544	1, 734	1, 878	1, 946	2, 361	2, 713
Indianapolis.....	1, 092	832	630	490	597	724	892	956	888	977	1, 063	1, 267	1, 439	1, 594	1, 557	1, 679	2, 085	2, 467
Salt Lake City.....	816	716	490	460	540	648	756	857	708	787	943	1, 029	1, 240	1, 446	1, 435	1, 562	2, 000	2, 450
Newark.....	1, 791	1, 542	1, 100	785	861	915	1, 018	1, 087	906	938	995	1, 029	1, 214	1, 347	1, 454	1, 550	1, 806	2, 046
Columbus, Ohio.....	798	602	386	346	447	536	611	644	532	564	577	685	706	804	921	967	1, 149	1, 366
Providence.....	684	574	428	379	411	460	539	571	625	546	603	763	844	866	908	962	1, 166	1, 379
Hartford.....	766	469	424	471	445	558	591	606	530	581	629	719	753	801	838	870	1, 036	1, 215

Source: Commercial and Financial Chronicle, New York, N. Y.

No. 479.—BANK DEBITS TO DEPOSIT ACCOUNTS (EXCEPT INTERBANK)—  
VOLUME REPORTED BY BANKS IN LEADING CENTERS, 1928 TO 1947, AND BY  
MONTHS, 1945, 1946, AND 1947

[All figures in millions of dollars. Figures represent debits or charges on books of reporting member and non-member banks to deposit accounts of individuals, firms, and corporations, and of United States, State, county, and municipal governments, including debits to savings accounts, payments from trust accounts, and certificates of deposit paid. Excludes debits to accounts of other banks or in settlement of clearinghouse balances, payment of cashiers' checks, charges to expense and miscellaneous accounts, corrections, and similar charges]

YEAR	Total, all reporting centers	New York City	140 other centers <sup>1</sup>	Other reporting centers <sup>2</sup>
1928.....	850,521	500,211	306,194	44,116
1929.....	982,531	603,088	331,942	47,501
1930.....	702,959	384,639	277,317	41,003
1931.....	515,294	263,834	217,523	33,937
1932.....	347,264	167,964	154,401	24,899
1933 (11 months) <sup>3</sup> .....	303,216	148,449	134,259	20,508
1934.....	356,613	165,948	165,555	25,110
1935.....	402,718	184,006	190,167	28,545
1936.....	461,889	208,936	219,669	33,284
1937.....	469,462	197,836	235,207	36,419
1938.....	405,930	169,778	204,744	32,408
1939.....	423,933	171,382	218,295	34,256
1940.....	445,863	171,582	236,952	37,329
1941.....	537,343	197,724	293,925	45,694
1942 (old series).....	607,071	210,961	342,430	53,679
1942 (new series).....	641,778	226,865	347,837	67,074
1943.....	792,937	296,368	419,413	77,155
1944.....	891,910	345,585	462,354	83,970
1945.....	974,102	404,543	479,760	89,799
1946.....	1,050,021	417,475	527,336	105,210
1947.....	1,125,074	405,929	599,639	119,506

MONTH	ALL DISTRICTS			EXCL. NEW YORK CITY			NEW YORK CITY		
	1945	1946	1947	1945	1946	1947	1945	1946	1947
January.....	82,756	89,142	93,490	47,766	50,323	59,184	34,990	38,819	34,305
February.....	70,249	73,963	81,567	41,185	43,465	51,822	29,065	30,498	29,745
March.....	81,077	87,579	93,308	49,193	51,908	59,762	31,884	35,670	33,547
April.....	74,139	87,532	87,771	44,726	50,323	56,379	29,413	37,208	31,391
May.....	81,724	85,908	87,840	48,046	50,823	56,946	33,678	35,085	30,895
June.....	98,024	86,655	94,447	56,299	51,684	58,815	41,725	34,972	35,632
July.....	79,163	91,358	93,740	45,573	54,001	58,961	33,590	37,357	34,779
August.....	73,208	82,704	84,427	43,821	52,488	56,096	29,388	30,216	28,331
September.....	71,169	83,295	91,903	42,624	51,898	60,066	28,545	31,397	31,837
October.....	81,616	91,340	105,290	46,631	57,427	67,787	34,984	33,913	37,504
November.....	79,401	86,645	92,910	47,155	55,557	61,171	32,246	31,088	31,738
December.....	101,577	103,900	118,382	56,541	62,648	72,157	45,035	41,252	46,225

<sup>1</sup> This series, together with New York City, constitutes national series for which bank debits figures available beginning with 1919.

<sup>2</sup> Annual figures for 1928 to 1935 include from 121 to 131 centers and for 1936 to 1941 and 1942 (old series) include 133 centers. Figures for 1942 (new series) to November 1947 include 193 centers, and for December 1947 include 192 centers, one city having been dropped when the reporting bank was absorbed by a reporting bank in another city.

<sup>3</sup> No figures available for March.

Source: Board of Governors of the Federal Reserve System, annual and current reports on bank debits and Federal Reserve Bulletin.

No. 480.—LIFE INSURANCE—SUMMARY OF FINANCIAL CONDITION AND POLICY ACCOUNT OF UNITED STATES COMPANIES: 1880 TO 1946

[All figures in millions of dollars. Includes domestic and foreign business of U. S. companies but excludes operations of Veterans' Admn. (see pp. 232 and 233), and U. S. business of foreign companies]

YEAR	Assets (admit- ted) Dec. 31	Liabil- ities, <sup>1</sup> Dec. 31	Total in- come	Pre- mium in- come	Pay- ment to pol- icy hol- ders	INSURANCE WRITTEN AND PAID FOR DUE- ING YEAR			INSURANCE IN FORCE DEC. 31			
						Group	Ordinary	Indus- trial	Total	Group	Ordinary <sup>2</sup>	Indus- trial
1880.....	453		81		56				1,602		1,582	21
1890.....	771	679	197	158	90		742	242	4,050		3,621	429
1900.....	1,742	1,493	401	325	169		1,280	566	8,561		7,093	1,468
1905.....	2,706	2,373	642	516	265		1,726	661	13,364		11,054	2,310
1910.....	3,876	3,665	781	593	387		1,822	735	16,404		13,227	3,177
1915.....	5,190	4,938	1,043	784	545	( <sup>3</sup> )	<sup>3</sup> 2,631	974	22,784	( <sup>3</sup> )	<sup>3</sup> 18,349	4,435
1917.....	5,941	5,634	1,249	929	590	( <sup>3</sup> )	<sup>3</sup> 3,840	1,051	27,189	( <sup>3</sup> )	<sup>3</sup> 21,966	5,223
1918.....	6,475	6,202	1,325	994	710	( <sup>3</sup> )	<sup>3</sup> 3,935	1,203	29,870	( <sup>3</sup> )	<sup>3</sup> 24,167	5,703
1919.....	6,759	6,432	1,560	1,207	739	( <sup>3</sup> )	<sup>3</sup> 6,420	1,389	35,680	1,102	28,172	6,407
1920.....	7,320	6,989	1,764	1,385	745	( <sup>3</sup> )	<sup>3</sup> 6,490	1,615	42,281	1,637	33,455	7,190
1921.....	7,936	7,548	1,951	1,537	838	152	6,636	1,943	45,983	1,599	36,379	8,006
1922.....	8,652	8,124	2,149	1,686	973	346	7,160	2,268	50,291	1,847	39,557	8,887
1923.....	9,455	8,902	2,427	1,900	1,088	843	8,612	2,615	56,804	2,469	44,227	10,107
1924.....	10,394	9,799	2,703	2,122	1,174	850	9,301	3,043	63,780	3,195	49,241	11,344
1925.....	11,538	10,867	3,018	2,384	1,243	1,254	10,563	3,656	71,690	4,299	54,567	12,824
1926.....	12,940	12,177	3,330	2,624	1,373	1,368	11,045	4,048	79,644	5,426	60,031	14,187
1927.....	14,392	13,539	3,673	2,874	1,500	1,266	11,405	4,465	87,022	6,430	65,044	15,548
1928.....	15,961	15,043	4,088	3,146	1,699	1,911	12,257	4,505	95,206	8,034	70,486	16,686
1929.....	17,482	16,507	4,337	3,350	1,962	1,572	12,958	4,738	103,146	9,121	76,123	17,902
1930.....	18,880	17,862	4,594	3,524	2,247	1,556	12,604	4,860	107,948	9,886	79,775	18,287
1931.....	20,160	19,116	4,850	3,661	2,607	1,058	11,321	4,847	108,886	9,954	80,657	18,274
1932.....	20,754	19,774	4,653	3,504	3,087	810	8,911	4,793	103,154	9,109	76,780	17,265
1933.....	20,896	19,885	4,622	3,322	3,016	821	8,293	4,673	97,985	8,912	71,919	17,154
1934.....	21,844	20,813	4,786	3,521	2,705	1,082	8,313	4,885	98,542	9,593	71,299	17,651
1935.....	23,216	22,220	5,072	3,692	2,535	1,303	8,113	4,722	100,730	10,470	71,963	18,296
1936.....	24,874	23,702	5,180	3,683	2,429	1,408	8,073	4,854	104,667	11,466	73,738	19,464
1937.....	26,249	25,084	5,257	3,762	2,437	1,861	8,151	4,784	109,572	12,910	76,071	20,591
1938.....	27,755	26,511	5,357	3,800	2,578	698	7,506	4,423	111,055	12,803	77,265	20,986
1939.....	29,243	27,926	5,453	3,825	2,642	1,579	7,260	3,676	113,977	14,023	78,814	21,140
1940.....	30,802	29,405	5,658	3,944	2,681	1,669	7,506	3,718	117,794	15,382	81,069	21,344
1941.....	32,731	31,157	5,855	4,080	2,550	3,076	8,375	3,907	124,673	18,029	84,364	22,280
1942.....	34,931	33,210	6,029	4,181	2,443	2,544	7,387	3,627	130,333	19,862	87,125	23,345
1943.....	37,766	35,845	6,442	4,421	2,407	3,469	8,340	3,586	140,309	22,961	91,777	25,571
1944.....	41,054	39,240	7,011	4,869	2,528	2,158	9,526	3,724	149,071	24,446	97,577	27,048
1945.....	44,797	42,342	7,674	5,249	2,719	1,519	10,944	3,970	155,723	22,770	104,456	28,497
1946.....	48,191	45,576	8,068	5,727	2,848	6,111	16,776	4,842	174,553	28,196	116,110	30,247

<sup>1</sup> Not including unapportioned surplus and capital. Prior to 1905 apportioned surplus is also excluded. For amount of this item in recent years, see table 481.

<sup>2</sup> Amounts of policies in force for 1850, \$69,000,000; 1860, \$180,000,000; 1870, \$2,263,000,000.

<sup>3</sup> Group business included in ordinary.

Source: 1880, Frederick L. Hoffman, Insurance statistician, Newark, N. J.; 1890 and subsequent years, The Spectator, Philadelphia, Pa.; Insurance Yearbook, Life Volume.

No. 481.—LIFE INSURANCE—FINANCIAL CONDITION AND BUSINESS OF UNITED STATES COMPANIES: 1900 TO 1946

[Money figures in thousands of dollars. See headnote, table 480]

ITEM	1900	1910	1920	1930	1935	1940	1945	1946
Number of companies.....	76	214	272	352	340	305	348	370
Capital stock, Dec. 31.....	12,832	40,545	66,905	176,943	148,748	158,011	223,897	247,572
Income, total.....	400,603	781,011	1,764,213	4,593,973	5,072,095	5,657,842	7,673,987	8,067,772
Premium income, total.....	324,724	593,388	1,384,939	3,524,327	3,692,128	3,944,040	5,248,842	5,727,371
New premiums <sup>1</sup> .....	62,276	70,180	274,478	385,067	359,398	319,880	470,589	589,806
Renewals <sup>1</sup> .....	256,142	517,536	1,099,740	3,031,537	2,822,207	3,181,060	4,118,780	4,391,899
Annuities.....	6,306	5,672	10,721	107,723	510,523	443,081	659,473	745,636
Interest and other income, total.....	75,879	187,623	379,274	1,069,646	1,379,968	1,713,802	2,425,145	2,349,491
Interest, dividends, etc.....	64,949	160,514	324,370	853,188	876,030	1,039,350	1,323,460	1,373,144
Rents.....	8,225	10,310	16,812	37,292	137,004	192,061	120,994	90,356
Other.....	2,706	16,799	38,092	179,166	366,933	482,392	980,690	867,899

<sup>1</sup> Includes disability and double indemnity receipts.

**No. 481.—LIFE INSURANCE—FINANCIAL CONDITION AND BUSINESS OF UNITED STATES COMPANIES: 1900 TO 1946—Continued**

(Money figures in thousands of dollars)

ITEM	1900	1910	1920	1930	1935	1940	1945	1946
<b>Expenditures, total</b> .....	267,889	540,342	1,126,266	3,196,537	3,592,966	3,914,024	4,218,579	4,610,262
Paid to policy holders	168,888	387,302	744,649	2,246,776	2,535,113	2,680,465	2,718,796	2,848,258
Death claims	100,721	180,654	349,964	855,745	877,419	976,935	1,292,155	1,274,442
Matured endowments	18,335	46,340	101,181	112,037	144,981	275,131	412,735	404,612
Annuities <sup>1</sup>	4,122	7,426	16,897	111,124	205,925	284,103	309,787	334,677
Surrendered policies, etc.	22,650	77,518	119,061	614,223	882,533	689,450	240,675	327,331
Dividends	22,860	75,384	157,547	553,556	624,256	450,047	472,441	507,204
Other expenditures	98,892	153,040	453,717	961,761	1,057,843	1,233,559	1,499,774	1,762,736
Commissions, salaries, traveling expenses of agents	61,282	87,629	257,822	407,549	407,436	420,619	597,667	723,915
Medical fees, salaries, other employee costs	13,034	26,037	61,566	134,253	133,448	148,646	170,496	217,322
Dividends to stockholders	1,028	2,146	5,308	21,917	10,382	18,111	30,481	33,667
Other	23,548	37,235	129,021	206,042	506,677	645,682	701,130	787,632
<b>Admitted assets, Dec. 31, total</b> .....	1,742,414	3,875,877	7,319,997	18,879,811	23,216,496	30,802,155	44,797,041	48,190,796
Real estate owned	158,119	172,961	172,011	547,562	1,986,133	2,059,986	856,703	734,937
Real estate mortgages	501,499	1,227,232	2,174,863	7,577,944	5,339,660	5,957,904	5,636,982	7,154,745
Stocks owned	794,632	129,622	51,366	463,951	531,377	554,269	998,609	1,247,228
Bonds owned	7,191	1,659,845	3,588,728	6,352,333	9,914,947	16,962,878	32,405,873	35,260,662
Collateral loans	64,489	18,941	41,301	31,008	12,760	8,633	3,181	6,801
Premium notes and loans	88,501	495,100	858,915	2,807,012	3,539,609	3,090,876	1,981,876	1,890,766
Net deferred and unpaid premiums	33,209	50,956	130,923	439,894	459,710	506,128	638,237	703,054
Cash in office and banks	75,440	71,113	124,747	152,216	828,598	1,048,429	780,247	774,179
Other	19,276	50,107	177,152	506,690	553,502	591,051	319,332	329,024
<b>Asset items not admitted</b> .....	12,249	25,186	77,424	<sup>2</sup> 73,453	<sup>3</sup> 430,296	<sup>1</sup> 326,738	<sup>1</sup> 49,626	<sup>1</sup> 43,050
<b>Liabilities, Dec. 31, total</b> .....	1,493,379	3,865,435	6,989,309	17,662,142	22,219,729	29,404,610	42,342,265	48,875,844
Reserve	1,443,452	3,225,966	6,337,970	16,231,489	20,404,208	27,237,837	38,600,645	41,701,563
Losses and claims unpaid	9,863	17,072	43,116	134,954	153,193	124,850	253,141	237,709
Claims resisted	999	1,779	2,475	11,446	24,434	15,560	8,293	8,227
Dividends unpaid and left to accumulate	3,506	5,533	53,048	303,345	365,926	538,799	830,034	962,947
Surplus apportioned <sup>4</sup>	( <sup>1</sup> )	354,071	412,339	807,862	770,846	847,188	1,252,041	1,196,613
Other	25,466	61,014	140,361	373,046	501,123	640,375	1,331,911	1,446,805
Surplus (incl. capital)	<sup>5</sup> 249,035	210,440	330,688	1,017,470	998,766	1,397,545	2,454,776	2,514,932
<b>Total surplus funds</b> .....	249,035	564,511	743,027	1,825,323	1,767,613	2,344,733	3,706,617	3,813,545
<b>POLICY ACCOUNT—AMOUNTS</b>								
<b>New business written and paid for, total</b> .....	1,846,267	2,557,053	3,106,445	19,019,799	14,138,619	12,892,079	16,432,947	27,729,323
Ordinary <sup>6</sup>	1,280,265	1,822,260	6,489,971	12,604,020	8,112,266	7,505,727	10,943,529	16,775,641
Group				1,555,683	1,303,477	1,608,641	1,519,455	6,111,274
Industrial	566,002	734,793	1,616,474	4,460,078	4,721,876	3,717,712	3,969,964	4,842,409
<b>In force Dec. 31, total</b> .....	6,561,249	16,404,261	42,281,391	107,948,278	100,730,415	117,794,384	155,722,778	174,553,262
Ordinary, total <sup>7</sup>	7,093,220	13,227,213	35,091,538	79,774,941	71,943,296	81,069,215	104,454,033	116,109,948
Whole life	4,790,345	8,811,743	25,583,421	57,686,465	31,287,185	36,878,107	52,298,481	60,119,478
Endowment	1,664,450	3,043,069	6,975,433	14,319,675	14,800,429	17,668,972	16,384,364	18,999,805
Other	638,425	1,371,762	2,532,683	7,768,760	5,855,711	6,522,136	5,833,188	6,990,665
Group				9,896,029	16,469,577	18,341,525	22,769,766	28,196,470
Industrial	1,466,028	3,177,048	7,189,652	16,297,408	18,297,543	21,343,634	26,496,956	30,246,934
<b>NUMBER OF POLICIES (thousands)</b>								
<b>Written during year, total</b> .....	4,671	6,002	12,349	24,263	24,348	19,476	19,101	22,237
Ordinary <sup>8</sup>	729	963	3,924	5,354	4,794	4,712	5,415	7,662
Group				19	6	3	4	5
Industrial	3,942	5,039	9,325	18,836	19,550	14,760	13,680	15,609
<b>In force Dec. 31, total</b> .....	14,395	29,999	66,499	122,213	117,379	126,794	164,397	182,626
Ordinary <sup>9</sup>	3,176	6,964	16,063	32,739	33,374	39,436	50,172	54,949
Group				28	25	27	38	42
Industrial	11,219	23,034	49,906	89,436	83,971	87,332	104,068	107,737

<sup>1</sup> Includes disability and double indemnity payments.

<sup>2</sup> Does not include loading on deferred and uncollected premiums included in 1920 and earlier years.

<sup>3</sup> Comprises dividends apportioned and amounts set apart on deferred dividend policies and contingency and other special reserves.

<sup>4</sup> "Surplus apportioned" included in "Surplus, including capital."

<sup>5</sup> Includes "Group" prior to 1930.

Source: The Spectator, Philadelphia, Pa.; Insurance Yearbook, Life Volume. Also published in part in The Spectator, Life Insurance in Action, September 1946.



## No. 482.—LIFE INSURANCE OF FRATERNAL ORDERS: 1901 TO 1946

[Money figures in millions of dollars. Covers domestic and foreign transactions of fraternal orders in U. S. Excludes U. S. business of foreign concerns]

CALENDAR YEAR	Number reporting <sup>1</sup>	Assets	INCOME		DISBURSEMENTS			Amount of insurance written during year	IN FORCE AT END OF YEAR	
			Total	Net received from members	Total	Paid for claims	To agents and for management		Amount	Number of certificates (thousands)
1901.....	490	29.4	81.6	72.2	77.3	64.1	8.9	709.6	8,668.8	4,519
1906.....	570	64.8	95.7	91.4	85.2	72.6	11.3	1,026.3	8,160.4	6,119
1910.....	497	129.4	128.6	114.3	110.2	92.3	16.9	1,331.6	9,562.8	8,868
1915.....	472	212.8	183.3	122.3	123.6	98.7	16.1	922.9	8,694.4	7,696
1920.....	336	326.1	181.2	165.2	135.8	109.6	26.2	1,178.0	8,879.8	8,439
1925.....	224	628.3	222.1	188.4	160.5	121.2	36.2	1,108.9	9,769.6	8,457
1930.....	255	851.6	251.1	199.2	199.2	147.0	44.1	1,287.3	8,946.2	7,770
1935.....	266	994.3	205.1	152.2	168.6	111.0	39.4	562.8	6,182.5	6,462
1940.....	216	1,262.9	205.1	157.8	165.9	117.6	38.5	522.3	6,261.6	7,036
1945.....	180	1,644.8	268.4	182.1	170.9	100.6	48.3	668.8	6,922.8	7,740
1946.....	176	1,733.3	267.7	186.8	178.8	118.9	58.6	924.4	7,300.8	8,001

<sup>1</sup> Number of fraternal orders, 1901-15.

Source: The Spectator, Philadelphia, Pa.; Insurance Yearbook, Life Volume.

## No. 483.—CASUALTY, SURETY, AND MISCELLANEOUS INSURANCE COMPANIES—FINANCIAL CONDITION AND BUSINESS TRANSACTIONS: 1895 TO 1946

[Money figures in thousands of dollars]

YEAR	Number of companies <sup>1</sup>	Capital (stock companies)	Assets	Net surplus over capital and liabilities	Net premiums <sup>2</sup>	Total income	Losses paid <sup>3</sup>	Actual expenses of management <sup>4</sup>	Total expenditures
<b>STOCK CO. <sup>5</sup></b>									
1895.....	53	20,676	42,211	13,044	16,684	19,318	5,916	8,755	15,695
1900.....	57	23,573	65,808	27,059	27,186	30,348	12,755	15,419	27,807
1905.....	84	43,630	152,866	39,070	55,344	63,191	21,647	28,923	54,354
1910.....	154	65,485	309,716	78,176	94,395	111,042	41,465	57,915	100,113
1915.....	181	78,024	603,670	78,035	160,320	174,892	75,444	74,251	159,397
1920.....	189	93,737	1,014,386	92,851	459,170	489,774	196,360	183,514	400,724
1925.....	274	159,630	1,934,744	202,860	698,729	752,037	347,440	286,024	650,093
1930.....	387	266,387	3,192,848	304,313	901,651	1,003,831	534,029	378,621	966,307
1935.....	179	147,900	1,213,183	222,304	666,304	718,627	297,721	254,798	552,519
1940.....	190	161,282	1,658,441	409,194	815,337	879,326	317,736	333,251	794,056
1941.....	189	165,206	1,794,461	428,975	936,622	999,477	357,107	360,537	898,419
1942.....	191	168,456	1,974,609	476,282	1,040,268	1,111,110	385,532	389,692	918,413
1943.....	190	184,457	2,192,038	522,912	1,047,902	1,118,609	376,562	422,364	961,013
1944.....	190	195,147	2,400,666	386,211	1,120,404	1,195,748	436,447	459,309	1,044,537
1945.....	190	208,800	2,658,120	661,404	1,194,106	1,285,660	483,636	461,723	1,114,731
1946.....	193	214,466	2,849,833	654,307	1,452,666	1,568,944	594,116	537,800	1,321,007
<b>ALL COMPANIES<sup>6</sup></b>									
1939.....	549	156,525	2,026,809	490,834	1,191,838	1,283,698	484,343	444,210	1,122,083
1940.....	538	161,282	2,151,538	538,269	1,274,265	1,374,875	634,264	466,789	1,227,769
1941.....	535	165,206	2,310,206	551,483	1,471,908	1,570,521	608,609	509,765	1,356,048
1942.....	534	168,456	2,659,531	612,373	1,651,031	1,756,863	652,746	553,102	1,446,211
1943.....	531	184,457	2,854,701	673,083	1,703,797	1,816,034	659,365	603,153	1,538,988

<sup>1</sup> Number reporting beginning 1920.

<sup>2</sup> Total premium receipts prior to 1910.

<sup>3</sup> Figures for 1906 to 1930 include adjustment expenses excluded thereafter.

<sup>4</sup> Including taxes.

<sup>5</sup> Figures through 1930 include data for companies which transact life insurance in addition to accident and health insurance. Income and disbursement items include business of accident and health branches only of these life insurance companies, where companies were able to segregate data, while capital, assets, and net surplus include total amounts of these items for such companies, excluding, however, data for a few very large companies for which accident and health business is only a small proportion of the total business. Capital, assets, and net surplus are therefore overstated and in part duplicated in figures for life insurance companies in other tables. Figures for 1935 to 1946 relate to casualty, surety, and miscellaneous insurance companies only.

<sup>6</sup> Includes stock casualty, surety, and miscellaneous insurance companies, shown separately above, mutual companies, reciprocals, and Lloyds; number of companies and income and disbursement items also include accident and health departments of life insurance companies. No comparable data after 1943.

Source: The Spectator, Philadelphia, Pa.; Insurance Yearbook, Casualty and Surety Volume.



No. 484.—ACCIDENT AND HEALTH BUSINESS OF CASUALTY AND LIFE INSURANCE COMPANIES: 1945 AND 1946

[In thousands of dollars]

ITEM	1945			1946		
	Aggregate	Casualty	Life	Aggregate	Casualty	Life
Admitted assets, Dec. 31	25,622,527	2,596,290	22,242,767	25,462,522	2,538,520	22,274,394
Total liabilities except capital, Dec. 31	22,140,262	1,621,716	21,518,547	21,596,526	1,577,445	20,019,081
Surplus to policyholders	2,682,265	964,645	1,724,620	2,557,496	962,075	1,595,420
Premiums written:						
Accident and health	296,920	192,096	206,225	496,315	270,552	295,721
Group accident and health	216,517	85,307	131,510	235,061	91,512	143,549
Premiums earned:						
Accident and health	292,157	186,258	202,796	451,030	269,878	241,752
Group accident and health	208,857	80,127	128,730	227,390	88,702	140,688
Losses incurred (including adjustment expenses):						
Accident and health	154,690	99,621	65,067	179,316	99,596	79,720
Group accident and health	154,392	64,173	90,217	158,752	65,474	93,278
Underwriting expenses incurred:						
Accident and health	178,437	81,111	97,326	214,765	92,998	121,767
Group accident and health	26,716	12,136	16,580	37,300	16,016	21,284

Source: The Spectator, Philadelphia, Pa.; Insurance Yearbook, Casualty and Surety Volume.

No. 485.—MUTUAL ACCIDENT AND SICK BENEFIT ASSOCIATIONS—FINANCIAL CONDITION AND BUSINESS TRANSACTED: 1901 TO 1946

[Money figures in thousands of dollars. Although many small companies have not reported all years, large companies have reported regularly, and figures are fairly comparable from year to year]

YEAR	Number of companies	Admitted assets	Net surplus	Premiums or assessments	Income (including interest)	Paid for claims	Paid to agents, medical examiners, and for management	Total disbursements	Number of certificates written during year	Number of certificates in force at end of year
1901	102	1,617	1,490	2,957	3,201	1,643	1,753	3,348	291,183	310,002
1905	165	3,769	3,198	6,134	7,513	3,513	3,330	6,802	607,800	607,804
1910	197	5,169	3,665	9,291	10,938	5,100	4,258	10,434	940,340	1,302,413
1915	177	7,103	4,483	10,960	12,555	6,955	4,354	11,700	603,054	1,350,300
1920	67	13,709	9,690	19,538	22,712	10,590	8,771	19,944	713,270	1,853,328
1925	167	46,682	31,558	40,807	44,903	22,395	15,019	36,672	807,722	2,170,802
1930	156	39,551	25,901	47,036	50,542	29,185	18,006	48,338	903,011	2,483,763
1935	109	39,419	21,417	32,707	35,764	20,011	12,274	32,904	716,007	1,914,810
1938	102	52,395	24,827	49,537	52,024	27,599	17,326	45,804	1,348,872	2,840,144
1939	131	60,606	28,150	59,313	62,727	33,269	19,103	54,311	1,000,164	3,302,002
1940	110	56,772	25,680	45,304	48,501	23,588	17,206	42,161	1,130,300	2,643,771
1941	104	65,137	30,877	52,046	55,671	26,006	19,988	48,038	1,101,267	2,800,476
1942	103	72,291	33,904	59,752	62,898	27,133	23,377	51,207	1,203,426	2,807,050
1943	99	85,435	38,552	67,014	71,234	29,029	26,428	56,003	1,250,180	3,083,913
1944	81	97,238	43,109	74,474	80,776	33,578	29,666	64,417	977,763	3,080,800
1945	79	115,450	45,678	86,863	91,710	39,208	29,836	66,076	800,141	2,801,168
1946	65	114,524	52,564	93,603	98,027	45,841	33,176	80,543	364,807	1,477,852

<sup>1</sup> Includes all known companies, whether reporting or not.

<sup>2</sup> 49 companies reporting in 1945; 43 companies in 1946.

Source: The Spectator, Philadelphia, Pa.; Insurance Yearbook, Casualty and Surety Volume.

### No. 486.—CASUALTY, SURETY, AND MISCELLANEOUS INSURANCE COMPANIES— PREMIUMS AND LOSSES, BY CLASS OF INSURANCE: 1946

[Money figures in thousands of dollars]

CLASS	192 STOCK COMPANIES			100 MUTUAL COMPANIES			21 RECIPROCAL		
	Premi- ums	Losses <sup>1</sup>	Ratio	Premi- ums	Losses <sup>1</sup>	Ratio	Premi- ums	Losses <sup>1</sup>	Ratio
Total.....	2,452,686	594,116	46.9	482,696	227,969	47.2	75,882	37,844	49.8
Accident.....	64,499	19,265	29.9	8,681	4,185	48.2	193	58	30.0
Health.....	25,550	9,501	37.2	593	327	55.1			
Group accident and health	79,957	53,082	66.4	7,773	5,068	65.5			
Noncancellable accident and health	13,082	6,389	48.8						
Auto liability.....	353,185	135,560	38.4	121,330	42,070	34.7	25,219	10,900	43.2
Liability other than auto	142,393	33,842	23.4	26,403	6,034	22.9	1,185	214	18.1
Workmen's compensation.....	323,956	170,517	52.6	173,122	96,120	55.5	11,092	5,461	49.2
Fidelity.....	43,279	6,778	15.7	1,647	250	15.2			
Surety.....	52,308	2,434	4.7	785	159	20.6			
Glass.....	16,763	6,554	39.1	1,826	730	40.0	6	2	27.0
Burglary and theft.....	68,444	25,001	36.5	4,599	1,345	29.3			
Boiler and machinery.....	19,695	4,623	24.5	3,975	746	18.8			
Automobile property damage.....	136,656	75,051	54.9	48,226	26,609	55.2	8,468	4,808	57.4
Automobile collision.....	59,795	30,469	51.0	58,745	33,343	60.2	16,075	10,345	64.4
Property damage other than auto	20,038	4,451	22.2	4,061	1,021	25.2	58	11	19.6
Miscellaneous.....	33,187	10,699	32.8	20,950	7,932	37.9	13,593	5,995	44.1

<sup>1</sup> Excludes adjustment expenses.

Source: The Spectator, Philadelphia, Pa.; Insurance Yearbook, Casualty and Surety Volume. Stock and mutual companies data also appear in The Spectator, Property Insurance Review, Statistical Issue, published October 10, 1946.

### No. 487.—FIRE LOSSES, TOTAL AND PER CAPITA, CONTINENTAL UNITED STATES: 1876 TO 1946

[Amounts, except per capita, in thousands of dollars. Prior to 1916 figures are as compiled by the New York Journal of Commerce and include losses of \$10,000 or over in the principal cities of the United States, adding 16 percent for small and unreported losses. These figures are not comparable with those shown for later years (the 1916 Journal of Commerce figure being \$214,531,000 as against \$258,378,000) which cover all fires reported to the Actuarial Bureau Committee, adding 25 percent for unreported and uninsured losses prior to 1936 and 30 percent thereafter. Estimated fire losses are based on paid losses]

YEARLY AVERAGE OR YEAR	LOSS		YEAR	LOSS		YEAR	LOSS		
	Amount	Index <sup>1</sup> 1926=100		Amount	Index <sup>1</sup> 1926=100		Amount	Index <sup>1</sup> 1926=100	Per <sup>2</sup> capita
1876-1880.....	60,912		1913.....	203,764	95.0	1930.....	501,981	94.0	\$4.08
1881-1885.....	95,753		1914.....	221,439	104.1	1931.....	451,644	89.8	3.64
1886-1890.....	113,627		1915.....	172,033	77.3	1932.....	400,800	88.6	3.21
1891-1895.....	148,988		1916.....	258,378	103.6	1933.....	271,453	62.1	2.16
1896-1900.....	136,043		1917.....	289,535		1934.....	271,197	55.5	2.15
1901.....	165,818	189.1	1918.....	353,879	110.1	1935.....	235,263	47.9	1.85
1902.....	161,078	133.5	1919.....	320,540	91.6	1936.....	266,659	56.1	2.08
1903.....	145,302	114.9	1920.....	447,887	99.1	1937.....	254,959	62.1	1.97
1904.....	229,196	168.9	1921.....	496,406	135.4	1938.....	258,478	54.4	1.99
1905.....	166,222	113.8	1922.....	505,641	123.0	1939.....	275,102	57.7	2.10
1906.....	518,612	342.8	1923.....	535,373	110.9	1940.....	285,679	57.3	2.17
1907.....	215,065	125.7	1924.....	549,062	115.6	1941.....	303,895	55.1	2.28
1908.....	217,686	129.7	1925.....	556,418	109.8	1942.....	314,295	49.7	2.35
1909.....	188,705	105.9	1926.....	561,981	100.0	1943.....	373,000	60.4	2.78
1910.....	214,003	112.2	1927.....	472,934	88.3	1944.....	437,273	69.6	3.20
1911.....	217,005	110.9	1928.....	464,607	84.4	1945.....	484,274	( <sup>3</sup> )	3.67
1912.....	206,439	102.5	1929.....	459,446	79.0	1946.....	554,070	( <sup>3</sup> )	3.98

<sup>1</sup> Adjusted for fluctuations in commodity prices and for variations in amount of property exposed to loss.

<sup>2</sup> Based on population estimates of the Bureau of the Census. Excludes armed forces overseas.

<sup>3</sup> See headnote. <sup>4</sup> Not available.

Source: National Board of Fire Underwriters, New York, N. Y.; Report of the Committee on Statistics and Origin of Fires.

# No. 486.—FIRE AND MARINE INSURANCE BUSINESS, CONTINENTAL UNITED STATES AND OUTLYING TERRITORIES AND POSSESSIONS: 1935 TO 1946

[All figures except number of companies in thousands of dollars. Data cover transactions of both United States and foreign companies]

ITEM	1935	1936	1937	1938	1939	1940
<b>All companies:</b>						
Net premiums.....	871,414	924,296	1,011,790	959,659	997,003	1,129,016
Total income.....	1,057,029	1,057,029	1,136,086	1,075,209	1,128,667	1,256,408
Losses <sup>1</sup> .....	310,777	388,791	369,969	413,678	404,909	447,512
Total disbursements.....	886,351	941,214	1,009,686	1,057,069	1,035,167	1,131,173
<b>Stock companies:</b>						
Number reporting.....	350	360	372	373	371	372
Capital (incl. statutory deposits).....	338,273	348,959	365,616	353,075	360,509	369,427
Total assets <sup>2</sup> .....	2,236,376	2,534,119	2,234,255	2,440,065	2,517,514	2,592,908
Net surplus.....	1,017,777	1,226,136	995,335	1,103,335	1,152,220	1,119,407
Net premiums.....	702,620	759,429	831,622	782,204	814,514	922,074
Total income.....	805,475	874,257	938,972	881,425	928,656	1,041,697
Total disbursements.....	725,508	781,007	837,635	878,111	856,486	938,346
Losses paid <sup>1</sup> .....	257,245	325,373	329,277	349,396	339,057	376,232
Dividends to stockholders.....	65,305	58,028	60,928	74,521	63,730	63,528
Dividends to policyholders.....	568	820	1,012	1,024	831	1,151
Net remittance to home office.....	16,620	15,190	12,406	14,489	6,892	8,220
Other disbursements.....	384,770	381,597	423,012	438,682	445,976	489,199
<b>Mutual companies:</b>						
Number reporting.....	384	183	189	192	182	190
Total assets.....	319,746	281,174	296,500	311,248	322,975	340,772
Net surplus.....	193,642	42,787	148,648	152,044	160,069	161,536
Net premiums.....	134,415	131,427	140,506	139,499	142,128	154,298
Total income.....	148,598	146,811	153,934	152,606	156,512	170,091
Total disbursements.....	127,121	127,379	133,683	140,809	139,417	150,950
Losses paid <sup>1</sup> .....	38,721	48,372	44,502	47,915	49,268	53,319
Dividends to policyholders.....	40,887	38,968	39,643	37,192	35,556	37,679
Other disbursements.....	47,613	42,020	49,538	55,763	54,692	59,933
<b>Reciprocal and Lloyds:</b>						
Number reporting.....	54	39	43	43	43	43
Net premiums.....	34,380	33,440	39,662	37,885	40,361	40,644
Total income.....	37,843	35,982	43,179	41,178	43,699	44,420
Losses <sup>1</sup> .....	14,811	17,047	17,190	16,367	16,475	17,961
Total disbursements.....	33,723	32,828	38,309	38,089	39,265	41,876
ITEM	1941	1942	1943	1944	1945	1946
<b>All companies:</b>						
Net premiums.....	1,369,680	1,398,282	1,334,491	1,421,905	1,558,936	2,042,436
Total income.....	1,441,805	1,534,849	1,462,057	1,562,703	1,737,326	2,276,228
Losses <sup>1</sup> .....	523,772	683,236	560,175	619,726	701,892	834,476
Total disbursements.....	1,261,544	1,424,047	1,314,971	1,401,403	1,537,139	1,845,590
<b>Stock companies:</b>						
Number reporting.....	370	371	372	371	373	364
Capital (incl. statutory deposits).....	370,219	366,843	374,808	378,195	411,553	422,633
Total assets <sup>2</sup> .....	2,698,741	2,723,957	2,906,479	3,263,709	3,699,991	3,987,057
Net surplus.....	1,052,949	1,062,474	1,216,983	1,324,499	1,490,348	1,842,606
Net premiums.....	1,075,617	1,144,461	1,074,725	1,154,056	1,252,253	1,639,308
Total income.....	1,189,361	1,264,369	1,184,775	1,276,853	1,409,666	1,867,033
Total disbursements.....	1,043,259	1,197,231	1,083,047	1,151,297	1,263,511	1,510,092
Losses paid <sup>1</sup> .....	437,564	597,135	478,129	523,792	599,876	685,674
Dividends to stockholders.....	64,096	65,702	65,940	60,008	59,542	65,779
Dividends to policyholders.....	1,107	1,223	1,377	930	1,303	1,293
Net remittance to home office.....	9,686	6,431	9,107	9,132	7,906	5,762
Other disbursements.....	530,806	525,741	528,733	557,436	604,584	751,694
<b>Mutual companies:</b>						
Number reporting.....	176	176	176	175	175	160
Total assets.....	365,575	399,755	459,612	547,322	547,322	602,400
Net surplus.....	161,104	175,127	193,841	205,065	220,344	220,699
Net premiums.....	183,206	199,626	212,042	217,764	251,769	321,801
Total income.....	197,262	214,193	226,521	239,576	271,149	341,051
Total disbursements.....	168,954	177,510	188,268	203,772	222,853	276,208
Losses paid <sup>1</sup> .....	64,138	65,080	63,375	75,017	87,611	119,399
Dividends to policyholders.....	38,382	42,253	50,994	52,388	50,992	51,237
Other disbursements.....	66,444	70,177	71,898	76,367	84,260	107,642
<b>Reciprocal and Lloyds:</b>						
Number reporting.....	43	42	41	40	40	37
Net premiums.....	50,857	51,996	47,724	50,085	51,913	62,326
Total income.....	54,961	56,267	50,761	53,274	56,472	68,154
Losses <sup>1</sup> .....	22,069	21,021	18,662	20,916	24,406	29,412
Total disbursements.....	49,321	49,306	45,669	46,334	50,765	57,220

<sup>1</sup> Excludes adjustment expenses.

<sup>2</sup> Exclusive of premium notes.

Source: The Spectator, Philadelphia, Pa.; Insurance Yearbook, Fire and Marine Volume.

### No. 489.—PRINCIPAL COMMODITY FUTURES—VOLUME OF TRADING ON ALL CONTRACT MARKETS: 1937-38 TO 1946-47

[Compiled from daily reports of all clearing members of each contract market]

YEAR BEGINNING JULY	Wheat (million bushels)	Corn (million bushels)	Oats (million bushels)	Rye (million bushels)	Cotton (thousand bales)	Eggs (carlots)
1937-38	9,752.0	1,972.9	417.5	207.0	47,733	47,792
1938-39	8,505.2	1,575.4	329.6	184.7	38,454	43,909
1939-40	8,375.0	1,391.9	431.4	409.3	44,561	49,271
1940-41	4,763.9	1,022.3	248.5	255.2	34,258	46,003
1941-42	3,831.0	1,235.6	524.0	790.0	64,903	41,975
1942-43	2,703.2	851.3	610.6	1,409.7	42,778	9,005
1943-44	2,641.7	(1)	726.4	2,031.1	39,170	6,085
1944-45	2,425.0	491.3	1,090.2	2,978.6	37,813	40,729
1945-46	1,474.0	117.6	2,438.8	1,963.6	60,353	79,357
1946-47	2,322.4	2,008.9	3,905.6	.2	110,248	135,325
Average (10 years)	4,381.3	1,227.0	1,072.3	1,366.7	52,023	50,085

<sup>1</sup> Trading suspended.

<sup>2</sup> 9-year average.

<sup>3</sup> 9-year average, 1946-47 not included.

Source: Department of Agriculture, Commodity Exchange Authority; annual report, Commodity Futures Statistics.

### No. 490.—SECURITIES LISTED ON NEW YORK STOCK EXCHANGE—VALUES AND AVERAGE PRICE: 1936 TO 1947

[Value except average price, in millions of dollars]

JAN. 1	BONDS			STOCKS			JAN. 1	BONDS			STOCKS		
	Face value	Market value	Average price	Shares (millions)	Market value	Average price		Face value	Market value	Average price	Shares (millions)	Market value	Average price
1936	42,893	39,399	\$91.85	1,318	46,946	\$35.62	1942	58,237	55,034	94.50	1,463	35,786	\$24.44
1937	46,280	45,054	97.35	1,360	59,573	44.02	1943	72,993	70,584	96.70	1,471	38,812	26.39
1938	47,604	42,782	89.70	1,412	38,869	27.53	1944	90,841	90,274	99.38	1,489	47,607	31.97
1939	51,554	47,053	91.27	1,424	47,491	33.34	1945	111,116	112,621	101.35	1,492	55,512	37.21
1940	54,067	49,920	92.33	1,436	46,468	32.37	1946	138,085	143,111	103.64	1,502	72,765	48.33
1941	54,169	50,831	93.84	1,456	41,801	28.80	1947	137,165	140,793	102.64	1,771	68,596	38.73

Source: New York Stock Exchange, New York, N. Y.; Year Book.

### No. 491.—SALES ON NEW YORK STOCK EXCHANGE—VOLUME: 1924 TO 1947

YEAR	Stocks, millions of shares <sup>1</sup>	BONDS, PAR VALUE (MILLIONS OF DOLLARS) <sup>2</sup>				YEAR	Stocks, millions of shares <sup>1</sup>	BONDS, PAR VALUE (MILLIONS OF DOLLARS) <sup>2</sup>			
		Total	Corporate	U. S. Government	State, municipal, foreign			Total	Corporate	U. S. Government	State, municipal, foreign
1924	282	3,804	2,345	877	582	1936	496	3,576	2,899	319	358
1925	454	3,384	2,332	391	661	1937	409	2,763	2,097	349	317
1926	451	2,987	2,004	262	721	1938	297	1,980	1,484	127	369
1927	577	3,269	2,142	290	837	1939	262	2,046	1,480	311	255
1928	920	2,903	1,957	188	749	1940	208	1,669	1,414	39	216
1929	1,125	2,982	2,182	142	658	1941	171	2,112	1,929	20	163
1930	810	2,764	1,927	116	721	1942	125	2,311	2,181	7	124
1931	577	3,051	1,846	295	908	1943	279	3,255	3,130	4	120
1932	425	2,967	1,642	570	755	1944	263	2,695	2,585	6	104
1933	555	3,369	2,099	501	769	1945	378	2,262	2,148	8	106
1934	555	3,726	2,259	835	602	1946	364	1,364	1,255	19	81
1935	582	3,326	2,257	674	378	1947	254	1,076	970	3	102

<sup>1</sup> Data cover ticker or "reported" volume which excludes odd-lots, stopped sales, private sales, split openings, crossed transactions, and errors of omission. Totals are therefore less than the actual volume shown in table 489.

<sup>2</sup> Exclusive of stopped sales.

Source: Commercial and Financial Chronicle, New York, N. Y.

## No. 492.—SALES OF STOCKS AND BONDS ON ALL REGISTERED EXCHANGES: 1939 TO 1947

[All money figures in millions of dollars; number of shares of stock in millions. Stock sales include rights and warrants and cover actual volume of sales as distinguished from ticker or "reported" volume in table 491]

YEAR AND QUARTER	ALL REGISTERED EXCHANGES					NEW YORK STOCK EXCHANGE				
	Market value of all sales	Stocks		Bonds		Market value of all sales	Stocks		Bonds	
		Shares	Market value	Par value	Market value		Shares	Market value	Par value	Market value
1939	13,347	467	11,426	2,590	1,921	11,488	366	9,970	2,121	1,516
1940	9,726	377	8,412	2,081	1,314	8,223	285	7,171	1,760	1,063
1941	7,603	310	6,240	2,530	1,383	6,408	230	5,257	2,269	1,151
1942	5,570	220	4,309	2,666	1,261	4,796	169	3,674	2,478	1,123
1943	10,966	484	9,024	3,839	1,902	9,457	363	7,672	3,593	1,785
1944	11,780	464	9,799	3,122	1,981	10,089	342	8,255	2,925	1,834
1945	18,112	707	16,270	2,691	1,842	15,190	507	13,474	2,609	1,716
Jan.-Mar.	4,580	186	4,006	888	572	3,690	132	3,358	819	532
Apr.-June	4,653	177	4,080	848	573	3,957	127	3,418	800	539
July-Sept.	3,349	136	3,051	404	296	2,835	97	2,538	378	277
Oct.-Dec.	5,530	268	5,131	551	399	4,508	181	4,140	612	368
1946	20,001	802	18,814	1,572	1,187	16,675	531	15,562	1,469	1,113
Jan.-Mar.	6,165	264	5,783	493	382	5,096	161	4,739	463	357
Apr.-June	5,334	200	5,054	337	290	4,339	129	4,081	317	258
July-Sept.	4,540	175	4,289	352	251	3,852	125	3,614	336	238
Oct.-Dec.	3,962	163	3,688	390	274	3,388	116	3,128	373	260
1947	12,541	512	11,587	1,274	954	10,617	358	9,742	1,176	875
Jan.-Mar.	3,413	138	3,172	326	241	2,860	92	2,632	307	235
Apr.-June	2,690	121	2,682	282	206	2,434	84	2,248	258	186
July-Sept.	2,728	107	2,513	271	210	2,320	76	2,136	239	185
Oct.-Dec.	3,516	146	3,220	395	296	3,003	106	2,727	372	276

Source: Securities and Exchange Commission; Statistical Bulletin, published monthly.

## No. 493.—CUSTOMERS' DEBIT BALANCES, MONEY BORROWED, AND RELATED ITEMS—STOCK EXCHANGE FIRMS CARRYING MARGIN ACCOUNTS: 1935 TO 1947

[All figures in millions of dollars. Data relate to member firms of New York Stock Exchange carrying margin accounts. Figures derived from money balances as shown by ledger and exclude value of securities carried for customers or owned by firms. For detailed discussion, see Federal Reserve Bulletin, September 1936]

END OF MONTH	DEBIT BALANCES				CREDIT BALANCES				
	Custom-ers' debit balances (net) <sup>1</sup>	Debit balances in investment and trading accounts of—		Cash on hand and in banks	Money borrowed <sup>2</sup>	Custom-ers' credit balances <sup>1</sup>	Credit balances in investment and trading accounts of—		Credit balances in capital accounts (net)
		Partners	Firm				Partners	Firm	
1935—December	1,258	75	135	179	930	366	24	10	410
1936—December	1,395	64	164	249	1,048	445	30	12	424
1937—December	965	34	108	232	688	363	26	10	345
1938—June	774	27	88	215	495	347	22	11	296
December	991	32	106	190	754	307	22	5	306
1939—June	834	26	73	178	570	300	21	6	280
December	906	16	78	207	637	335	23	7	277
1940—June	652	12	68	223	376	329	22	5	260
December	677	12	99	204	427	335	22	5	247
1941—June	616	11	89	186	395	330	17	7	222
December	600	8	86	211	368	352	17	6	213
1942—June	496	9	86	180	309	296	16	4	189
December	543	7	154	160	378	324	15	4	182
1943—June	761	9	190	167	529	400	15	7	212
December	788	11	188	181	557	419	14	6	196
1944—June	887	5	253	196	619	519	15	11	216
December	1,041	7	260	209	726	568	18	8	227
1945—June	1,223	11	333	220	853	670	14	13	264
December	1,136	12	413	313	793	766	20	13	280
1946—June	809	7	309	370	498	771	24	17	314
December	637	5	311	453	217	811	20	10	269
1947—June	552	6	333	395	222	812	24	9	271
December	578	7	316	393	240	788	23	15	273

<sup>1</sup> Excluding balances with reporting firms (1) of member firms of New York Stock Exchange and other national securities exchanges and (2) of firms' own partners.

<sup>2</sup> Includes money borrowed from banks and also from other lenders (not including member firms of national securities exchanges).

Source: Board of Governors of the Federal Reserve System; Banking and Monetary Statistics, monthly figures published currently in Federal Reserve Bulletin.

No. 494.—STOCK PRICES—DOW-JONES & CO., INC.; AND NEW YORK TIMES AVERAGES:  
1925 to 1947

[Dollars per share. Figures in boxes indicate number of issues. Data not available where blank spaces occur]

YEAR	DOW-JONES & CO., INC. <sup>1</sup>				NEW YORK TIMES <sup>2</sup>		
	Total (65)	Industrials (30)	Public utilities (15)	Railroads (20)	Total (50)	Industrials (25)	Railroads (25)
1925.....		134. 52		100. 88	117. 57	152. 65	82. 48
1926.....		153. 08		113. 70	129. 49	165. 70	93. 27
1927.....		175. 94		134. 36	164. 18	214. 54	113. 81
1928.....		226. 21		141. 08	195. 49	268. 92	122. 06
1929.....	125. 43	311. 24	104. 48	159. 66	251. 08	366. 29	135. 87
1930.....	95. 64	236. 34	85. 80	133. 13	199. 59	285. 66	113. 51
1931.....	55. 47	138. 58	54. 51	76. 07	125. 09	187. 15	63. 01
1932.....	26. 82	64. 57	26. 89	27. 46	57. 81	93. 63	21. 99
1933.....	36. 00	83. 73	26. 85	38. 17	74. 63	118. 42	30. 84
1934.....	39. 16	98. 28	22. 67	41. 71	85. 52	137. 84	33. 19
1935.....	41. 97	120. 00	22. 15	33. 83	96. 92	167. 29	26. 56
1936.....	58. 98	162. 25	33. 18	50. 75	127. 87	215. 72	40. 03
1937.....	58. 08	166. 36	28. 17	49. 51	121. 57	204. 60	38. 55
1938.....	43. 10	132. 44	20. 46	26. 73	93. 67	166. 52	20. 84
1939.....	48. 01	142. 66	24. 43	30. 01	102. 05	181. 40	22. 71
1940.....	45. 28	134. 74	22. 61	28. 50	98. 52	175. 92	21. 12
1941.....	41. 22	121. 82	18. 02	28. 36	87. 94	154. 33	20. 73
1942.....	36. 04	107. 20	12. 63	26. 38	74. 09	128. 96	19. 36
1943.....	46. 39	134. 81	19. 82	33. 71	93. 28	160. 60	25. 98
1944.....	51. 39	143. 32	23. 99	40. 33	99. 86	168. 90	30. 72
1945.....	63. 72	169. 82	32. 15	56. 56	120. 45	197. 23	43. 51
1946.....	71. 01	191. 65	40. 56	58. 07	131. 92	217. 84	46. 04
1947.....	63. 31	177. 58	35. 06	48. 14	<sup>3</sup> 117. 25	<sup>3</sup> 197. 88	<sup>3</sup> 36. 57

<sup>1</sup> Averages of daily closing figures.      <sup>2</sup> Averages of Saturday closing prices.  
<sup>3</sup> Average for first 9 months.

No. 495.—STOCK AND BOND PRICES—AVERAGES, BY CLASS: 1925 to 1947

[Figures in boxes indicate number of issues. Data not available where blank spaces occur]

YEAR	BONDS							STOCKS				
	U. S. Gov- ern- ment <sup>1</sup> (dol- lars) (1-9)	Municip- al <sup>2</sup> (dol- lars) (15)	Corporate <sup>3</sup> (dollars per \$100 bond)					Pre- ferred <sup>4</sup> (dollars per share) (15)	Common (Index, 1935-39=100)			
			High grade (15)	Indus- trial (10)	Public utility (20)	Rails (20)	De- faulted (15)		Total (402)	Indus- trial (354)	Public utility (28)	Rails (20)
1925.....		98. 8						118. 6	94. 8	79. 9	110. 9	237. 5
1926.....		98. 9						121. 0	105. 6	90. 3	116. 9	265. 1
1927.....		100. 3						127. 1	124. 9	107. 0	135. 5	315. 8
1928.....		99. 3						136. 7	158. 3	139. 4	173. 9	340. 9
1929.....		96. 5						136. 7	200. 9	171. 1	274. 1	390. 7
1930.....		99. 0						141. 5	158. 2	127. 0	250. 7	331. 3
1931.....		100. 0						139. 4	99. 5	78. 5	172. 8	191. 3
1932.....		91. 7						114. 7	51. 2	41. 8	92. 1	69. 5
1933.....		91. 0						122. 1	67. 0	59. 9	91. 4	100. 8
1934.....		99. 7						132. 5	76. 6	73. 4	80. 5	110. 1
1935.....		106. 6						151. 4	82. 9	82. 2	83. 9	90. 2
1936.....		113. 8						161. 9	117. 5	115. 2	122. 1	136. 5
1937.....		113. 3	110. 2	98. 8	96. 6	91. 9	30. 3	157. 6	117. 5	118. 1	110. 4	129. 8
1938.....		116. 6	111. 1	86. 7	91. 6	72. 2	15. 1	161. 4	88. 2	90. 1	85. 6	69. 5
1939.....		119. 0	113. 8	91. 2	99. 3	78. 1	13. 8	167. 5	94. 2	94. 8	98. 6	74. 7
1940.....		123. 6	115. 9	97. 3	103. 5	83. 8	14. 0	169. 2	88. 1	87. 9	95. 8	71. 1
1941.....		130. 9	117. 8	103. 9	106. 1	86. 9	21. 9	171. 9	80. 0	80. 4	81. 0	70. 6
1942.....	100. 7	126. 2	118. 3	109. 1	104. 8	86. 6	27. 2	162. 4	69. 4	71. 3	61. 3	66. 1
1943.....	100. 5	131. 8	120. 3	117. 0	114. 0	97. 6	44. 0	172. 7	91. 9	94. 1	82. 1	88. 7
1944.....	100. 3	135. 7	120. 9	120. 5	116. 3	107. 3	59. 2	175. 7	99. 8	101. 7	89. 9	101. 0
1945.....	102. 0	139. 6	122. 1	122. 2	116. 3	115. 1	75. 4	189. 1	121. 5	123. 3	106. 1	136. 9
1946.....	104. 8	140. 1	123. 4	123. 6	114. 9	117. 0	76. 7	198. 5	139. 9	143. 4	120. 2	143. 0
1947.....	103. 8	132. 8	121. 5	122. 4	113. 3	109. 9	<sup>5</sup> 67. 1	184. 7	123. 0	128. 0	102. 9	105. 3

<sup>1</sup> Average of taxable bonds due or callable in 15 years and over. See 1943 Statistical Abstract, table 407 for average prices of partially tax-exempt U. S. Government bonds.  
<sup>2</sup> Prices derived from average yields on basis of a 4 percent 20-year bond.  
<sup>3</sup> Prices derived from averages of median yields. For defaulted issues price series is average of actual prices.  
<sup>4</sup> Prices derived from averages of median yields on noncallable high-grade stocks on basis of a \$7 annual dividend.  
<sup>5</sup> Series discontinued beginning Dec. 1, 1947. Average for 1947 based on figures for 11 months.

Source: U. S. Government bonds, Board of Governors of Federal Reserve System; Banking and Monetary Statistics and Federal Reserve Bulletin; other figures, Standard and Poor's Corporation.



No. 496.—STOCK AND BOND YIELDS—PERCENT: 1927 TO 1947

[Figures in boxes indicate number of issues. Data not available where blank spaces occur]

YEAR	BONDS							STOCKS				
	U. S. Treasury (Treasury Dept.) <sup>1</sup>	Municipal (Bond Buyer) (20)	Corporate (Moody's Investors' Service)				Municipal (Standard and Poor's Corp.) (15)	Preferred <sup>2</sup> (Standard and Poor's Corp.) (15)	Common (Moody's Investors' Service) <sup>3</sup>			
			Total	Industrial	Railroad	Public utility			Total (200) <sup>4</sup>	Industrial (125)	Railroad (25)	Public utility (25)
1927	3.34	3.99	4.97	5.10	4.83	4.96	3.98	5.51				
1928	3.33	4.05	4.94	5.10	4.85	4.87	4.05	5.12				
1929	3.00	4.31	5.21	5.31	5.18	5.14	4.27	5.12	3.5	4.0	4.4	2.6
1930	3.29	4.12	5.09	5.25	4.96	5.05	4.07	4.95	4.6	4.9	5.6	3.7
1931	3.34	4.07	5.81	6.08	6.09	5.27	4.01	5.04	6.2	6.4	7.8	5.4
1932	3.68	4.77	6.87	6.71	7.61	6.30	4.65	6.13	7.4	7.3	6.3	8.0
1933	3.31	5.14	5.89	5.34	6.09	6.25	4.71	5.75	4.4	3.7	2.7	6.9
1934	3.12	4.22	4.96	4.52	4.96	5.40	4.03	5.29	4.1	3.4	3.0	6.9
1935	2.79	3.38	4.46	4.02	4.95	4.43	3.41	4.63	4.1	3.5	4.0	6.3
1936	2.69	2.93	3.87	3.50	4.24	3.88	3.07	4.33	3.5	3.4	2.7	4.5
1937	2.74	3.03	3.94	3.55	4.34	3.93	3.10	4.45	4.8	4.8	4.3	5.5
1938	2.61	2.99	4.19	3.50	5.21	3.87	2.91	4.34	4.4	3.9	5.3	6.4
1939	2.41	2.82	3.77	3.30	4.53	3.48	2.76	4.17	4.2	3.9	3.7	5.5
1940	2.26	2.52	3.55	3.10	4.30	3.25	2.50	4.14	5.3	5.3	5.4	5.2
1941	2.05	2.15	3.34	2.95	3.95	3.11	2.10	4.08	6.2	6.3	6.5	6.6
1942	2.09	2.25	3.34	2.96	3.96	3.11	2.36	4.31	6.6	6.4	7.7	7.9
1943	1.98	1.90	3.16	2.85	3.64	2.99	2.06	4.06	4.8	4.5	6.9	5.8
1944	1.92	1.64	3.05	2.80	3.39	2.97	1.86	3.99	4.7	4.6	6.7	5.4
1945	1.66	1.49	2.87	2.68	3.06	2.89	1.67	3.70	4.1	4.0	5.5	4.6
1946		1.51	2.74	2.60	2.91	2.71	1.64	3.53	3.9	3.7	5.5	4.2
1947		1.93	2.86	2.67	3.11	2.78	2.01	3.79	5.1	5.0	7.0	5.1

<sup>1</sup> Long-term partially tax-exempt; none after 1945. Average yields on taxable bonds due or callable in 15 years and over are as follows: 1942, 2.46; 1943, 2.47; 1944, 2.48; 1945, 2.37; 1946, 2.19; 1947, 2.25.  
<sup>2</sup> High-grade non-callable, including public utility and industrial.  
<sup>3</sup> Average of monthly figures computed by dividing the aggregate annual dividends being paid as of the end of each month by the market value of all outstanding shares of the companies as of the same date.  
<sup>4</sup> Includes 15 banks and 10 insurance stocks.  
<sup>5</sup> Average of figures for June to December.

No. 497.—CASH DIVIDEND PAYMENTS ON 600 COMMON STOCKS: 1935 TO 1947

YEARLY AVERAGE AND MONTH	Total annual payments at current rates (millions of dollars)	Number of shares, adjusted <sup>1</sup> (millions)	WEIGHTED AVERAGE DIVIDEND RATE PER SHARE (DOLLARS)					
			Total, 600 stocks	492 industrials	36 railroads	30 public utilities	21 banks	21 insurance
1935	1,215.5	919.28	1.32	1.14	1.23	1.85	3.23	2.12
1936	1,493.1	923.91	1.62	1.52	1.29	1.93	3.01	2.23
1937	1,942.9	923.97	2.10	2.10	1.76	2.08	3.07	2.35
1938	1,386.3	929.59	1.49	1.35	1.24	1.95	3.03	2.30
1939	1,406.9	935.15	1.50	1.40	.96	1.93	3.01	2.37
1940	1,691.1	936.43	1.81	1.76	1.33	1.96	3.01	2.56
1941	1,833.1	938.08	1.95	1.95	1.58	1.91	3.00	2.58
1942	1,729.4	938.47	1.84	1.82	1.80	1.76	2.82	2.69
1943	1,693.5	942.60	1.80	1.72	2.16	1.76	2.82	2.67
1944	1,804.3	941.47	1.92	1.86	2.43	1.80	2.81	2.56
1945	1,867.3	941.47	1.98	1.92	2.66	1.80	2.94	2.57
1946	1,959.4	944.77	2.07	2.02	2.72	1.83	3.20	2.58
March	1,908.5	941.47	2.03	1.96	2.81	1.81	3.21	2.58
June	1,943.4	941.47	2.06	2.01	2.71	1.81	3.21	2.58
September	1,954.9	941.47	2.08	2.03	2.65	1.82	3.21	2.58
December	2,110.7	954.65	2.21	2.19	2.77	1.90	3.20	2.59
1947	2,310.3	954.65	2.42	2.50	2.66	1.97	3.21	2.59
March	2,196.0	954.65	2.30	2.35	2.66	1.95	3.21	2.59
June	2,310.0	954.65	2.42	2.51	2.66	1.98	3.21	2.59
September	2,358.0	954.65	2.47	2.56	2.68	1.99	3.21	2.59
December	2,473.0	954.65	2.59	2.75	2.56	1.99	3.21	2.59

<sup>1</sup> Adjusted for stock dividends and splits but not for changes in share capitalization due to other causes.  
Source: Moody's Investors' Service, New York, N. Y.

No. 498.—PROFITS AND DIVIDENDS OF INDUSTRIAL CORPORATIONS: 1939 TO 1947

[Includes data for 629 large corporations, none with assets of less than \$250,000. Representation very limited for companies with assets between \$250,000 and \$5,000,000. Excludes data for some important nondurable goods industries, such as meat packing, sugar refining, and rubber. Net profits are before dividends and after all charges, such as depreciation, interest, special reserves charged as expenses, and all taxes. Few companies report aggregate dollar dividends quarterly; for most companies represented, dividends are computed for each class of stock on basis of dividends per share and number of shares outstanding. Data not available before 1939. For net profits of all corporations as compiled from income-tax returns, see tables 365 and 366, pages 351 and 352]

[In millions of dollars]

YEAR AND QUARTER	NET PROFITS BY INDUSTRIAL GROUPS						
	Total	Iron and steel	Machinery	Automobiles	Other transportation equipment <sup>1</sup>	Nonferrous metals and products	Other durable goods
Number of companies.....	629	47	69	15	68	77	78
ANNUAL							
1939.....	1,465	146	115	223	102	119	70
1940.....	1,818	278	158	242	173	133	88
1941.....	2,163	325	193	274	237	153	113
1942.....	1,769	226	159	209	182	138	90
1943.....	1,800	204	165	201	180	128	83
1944.....	1,896	194	174	222	190	115	88
1945.....	1,925	188	163	243	169	108	88
1946.....	<sup>2</sup> 2,545	283	<sup>2</sup> 171	130	127	136	<sup>2</sup> 165
1947.....	3,670	437	334	417	205	198	238
QUARTERLY							
1945—3.....	439	37	35	46	36	23	20
4.....	485	49	47	58	36	27	26
1946—1.....	323	22	—19	—34	—5	20	12
2.....	604	67	49	21	51	26	37
3.....	698	96	32	42	38	41	41
4.....	<sup>2</sup> 853	97	<sup>2</sup> 61	102	44	50	<sup>2</sup> 57
1947—1.....	871	126	70	94	49	47	51
2.....	867	100	83	105	53	46	56
3.....	900	100	77	103	57	45	59
4.....	1,033	112	105	115	46	59	71

YEAR AND QUARTER	NET PROFITS BY INDUSTRIAL GROUPS—continued					PROFITS AND DIVIDENDS		
	Foods, beverages, and tobacco	Oil producing and refining	Industrial chemicals	Other non-durable goods	Miscellaneous services <sup>2</sup>	Net profits	Dividends	
							Preferred	Common
Number of companies....	49	45	30	80	74	152	152	152
ANNUAL								
1939.....	151	98	186	134	122	847	90	564
1940.....	148	112	194	160	132	1,028	90	669
1941.....	159	174	207	187	152	1,137	92	706
1942.....	151	152	164	136	161	888	88	552
1943.....	162	186	170	149	171	902	86	556
1944.....	175	220	187	147	184	970	86	611
1945.....	199	223	187	154	203	989	85	612
1946.....	356	281	273	302	321	<sup>2</sup> 1,139	82	657
1947.....	354	480	345	370	293	1,786	89	837
QUARTERLY								
1945—3.....	50	61	43	37	53	224	21	143
4.....	58	37	51	40	58	246	22	182
1946—1.....	65	56	63	62	82	116	20	146
2.....	74	62	66	71	80	250	21	153
3.....	93	77	67	77	93	310	20	149
4.....	124	85	77	91	66	<sup>2</sup> 415	21	209
1947—1.....	98	89	88	96	63	421	20	177
2.....	64	110	87	92	71	432	23	192
3.....	85	121	81	93	80	432	22	190
4.....	107	160	88	90	80	501	23	278

<sup>1</sup> Quarterly figures partly estimated.  
<sup>2</sup> Figures for year include and those for last quarter exclude certain year-end profits.  
<sup>3</sup> Includes 29 companies engaged in wholesale and retail trade (largely department stores), 13 in the amusement industry, 21 in shipping and transportation other than railroads (largely airlines), and 11 companies furnishing scattered types of service.

Source: Board of Governors of the Federal Reserve System; published currently in Federal Reserve Bulletin.

## No. 499.—PROFITS AND DIVIDENDS OF PUBLIC UTILITY CORPORATIONS: 1939 TO 1947

(In millions of dollars)

YEAR AND QUARTER	RAILROAD <sup>1</sup>				ELECTRIC POWER <sup>1</sup>				TELEPHONE <sup>2</sup>			
	Operating revenue	Income before income tax <sup>4</sup>	Net income <sup>5</sup>	Dividends	Operating revenue	Income before income tax <sup>4</sup>	Net income <sup>5</sup>	Dividends	Operating revenue	Income before income tax <sup>4</sup>	Net income <sup>5</sup>	Dividends
<b>ANNUAL</b>												
1939.....	3,905	126	93	126	2,647	639	535	444	1,007	227	191	173
1940.....	4,207	249	189	159	2,797	692	548	447	1,129	248	194	178
1941.....	5,347	674	500	186	3,039	774	527	437	1,215	271	178	172
1942.....	7,465	1,558	902	202	3,216	847	490	408	1,302	303	163	163
1943.....	9,055	2,211	873	217	3,464	913	602	410	1,537	374	180	168
1944.....	9,437	1,972	667	246	3,615	902	507	396	1,641	390	174	168
1945.....	8,902	755	450	246	3,681	905	534	407	1,803	395	177	173
1946.....	7,627	273	269	235	3,828	953	645	454	1,952	277	300	171
1947.....	8,685	778	480	235	4,244	961	652	470	2,149	192	181	133
<b>QUARTERLY</b>												
1945—1.....	2,230	237	127	38	889	205	119	95	449	103	44	43
4.....	1,973	—426	—25	118	917	181	148	115	474	70	43	46
1946—1.....	1,899	39	14	56	970	299	196	107	475	84	54	43
2.....	1,703	—57	—45	52	920	221	151	110	497	75	53	43
3.....	2,047	161	128	41	936	207	142	112	502	56	44	43
4.....	2,008	130	191	85	1,002	226	155	125	519	62	49	42
1947—1.....	2,039	166	89	44	1,075	289	191	115	527	67	44	40
2.....	2,111	189	121	52	1,028	247	166	115	478	29	31	32
3.....	2,177	184	112	38	1,024	196	135	111	555	38	27	32
4.....	2,357	239	157	103	1,118	228	160	129	589	58	30	30

<sup>1</sup> Class I line-haul railroads, covering about 95 percent of all railroad operations.<sup>2</sup> Class A and B electric utilities, covering about 95 percent of all electric power operations.<sup>3</sup> 30 large companies, covering about 85 percent of all telephone operations. Series excludes American Telephone and Telegraph Company, the greater part of whose income consists of dividends received on stock holdings in the 30 companies.<sup>4</sup> After all charges and taxes except Federal income and excess profits taxes.<sup>5</sup> "Net income" refers to income after all charges and taxes and before dividends.

Source: Board of Governors of the Federal Reserve System; published currently in Federal Reserve Bulletin.

## No. 500.—CURRENT ASSETS AND LIABILITIES OF U. S. CORPORATIONS: 1939 TO 1946

(In billions of dollars. Covers all U. S. corporations excluding banks and insurance companies. 1939-1944 based on Bureau of Internal Revenue Statistics of Income, covering virtually all corporations in United States; for 1945-1946 estimated (subject to revision) based on data compiled from many different sources, including data on corporations registered with Securities and Exchange Commission. Figures as of end of specified years)

ASSETS AND LIABILITIES	1939	1940	1941	1942	1943	1944	1945	1946
Current assets, total.....	51.5	60.3	72.9	83.6	93.8	97.2	96.4	103.6
Cash on hand and in banks.....	10.8	13.1	13.9	17.6	21.6	21.6	21.6	21.3
U. S. Government securities.....	2.2	2.0	4.0	10.1	16.4	20.9	21.0	14.9
Receivables from U. S. Government <sup>1</sup> .....		1	6	4.0	5.6	4.7	2.7	7
Other notes and accounts receivable.....	22.1	23.9	27.4	23.3	21.9	21.8	21.9	29.3
Inventories.....	18.0	19.8	25.6	27.3	27.6	26.8	27.0	35.7
Other current assets <sup>2</sup> .....	1.4	1.5	1.4	1.3	1.3	1.4	2.4	1.7
Current liabilities, total.....	30.0	32.8	40.7	47.3	51.4	51.7	44.3	47.1
Advances and prepayments, U. S. Government <sup>1</sup> .....		6	8	2.0	2.2	1.8	9	1
Other notes and accounts payable.....	21.9	22.6	25.6	24.0	24.1	25.0	24.5	30.2
Federal income tax liabilities.....	1.2	2.5	7.1	12.5	15.6	15.6	10.4	7.9
Other current liabilities <sup>3</sup> .....	6.9	7.1	7.2	8.7	8.7	9.4	9.0	9.0
Net working capital.....	24.5	27.5	32.3	36.3	42.1	45.5	52.1	56.5

<sup>1</sup> Receivables from and payables to U. S. Government exclude amounts offset against each other on corporation's books or amounts arising from subcontracting which are not directly due from or to U. S. Government.<sup>2</sup> Includes marketable securities other than U. S. Government<sup>3</sup> Beginning 1942 includes provisions for renegotiation other than those combined with income tax liabilities.

Source: Securities and Exchange Commission, Statistical Series, Working Capital of U. S. Corporations. Data are published quarterly.

## No. 501—LIQUID ASSET HOLDINGS OF INDIVIDUALS AND BUSINESSES: 1939 TO 1946

(In billions of dollars. Estimated data)

TYPE OF HOLDER	Dec. 1939	Dec. 1940	Dec. 1941	Dec. 1942	Dec. 1943	1944		1945		1946	
						June	Dec.	June	Dec.	June	Dec.
<b>Total</b> <sup>1</sup>	65.1	70.6	81.0	111.5	151.1	163.8	189.6	206.0	220.9	230.6	233.2
Currency	5.8	6.6	8.9	13.1	18.0	20.0	22.6	24.2	25.5	25.5	25.7
Demand deposits <sup>2</sup>	20.9	24.8	27.9	36.8	47.1	47.9	53.1	56.0	60.2	62.5	64.6
Time deposits	26.3	28.9	26.9	27.7	32.0	35.0	39.0	43.5	47.7	50.9	53.0
U. S. Government securities <sup>3</sup>	12.1	12.6	17.3	33.9	54.0	56.7	74.9	82.3	86.6	81.6	79.9
<b>Business holdings, total</b>	19.3	22.2	25.8	39.3	55.7	62.7	67.3	72.1	72.8	69.3	66.3
Currency	1.6	1.7	2.1	2.8	3.6	3.9	4.3	4.5	4.7	4.8	4.9
Demand deposits	12.6	16.5	16.6	21.7	28.9	29.4	31.3	33.7	33.7	34.7	33.5
Time deposits	2.0	2.0	2.0	2.1	2.3	2.5	2.7	2.9	3.1	3.2	3.4
U. S. Government securities	3.2	3.0	5.1	12.7	20.9	20.9	29.0	31.0	31.3	26.6	24.6
<b>Corporations, total</b>	13.0	15.0	17.4	27.1	38.5	43.0	44.6	47.1	45.9	41.8	39.1
Currency	.7	.7	.8	.8	.9	.9	.9	.9	.9	1.0	1.0
Demand deposits	9.5	11.7	12.4	16.0	20.9	21.4	22.1	24.0	22.1	22.9	21.8
Time deposits	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
U. S. Government securities	2.1	1.9	3.5	9.6	16.0	20.0	20.9	21.5	21.3	17.2	15.6
<b>Financial corporations, total</b> <sup>4</sup>	1.7	1.8	2.2	2.5	3.1	3.4	3.6	4.1	4.3	4.7	4.4
Demand deposits	1.1	1.2	1.3	1.2	1.3	1.3	1.5	1.6	2.0	2.1	2.1
Time deposits	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
U. S. Government securities	.5	.5	.8	1.2	1.7	2.0	2.2	2.4	2.7	2.5	2.2
<b>Nonfinancial corporations, total</b>	11.3	13.2	15.2	24.6	35.4	39.6	40.8	43.0	40.2	37.1	34.7
Currency	.7	.7	.8	.8	.9	.9	.9	.9	.9	1.0	1.0
Demand deposits	8.4	10.5	11.1	14.8	19.6	20.1	20.6	22.4	20.1	20.8	19.7
Time deposits	.8	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
U. S. Government securities	1.6	1.4	2.7	8.4	14.3	18.0	18.7	19.1	18.6	14.7	13.4
<b>Unincorporated business, total</b>	6.3	7.2	8.4	12.2	17.2	19.7	22.7	25.0	27.8	27.5	27.2
Currency	.9	1.0	1.3	2.0	2.7	3.0	3.4	3.6	3.8	3.6	3.9
Demand deposits	3.0	3.3	4.2	5.7	8.0	8.0	9.2	9.7	11.6	11.8	11.7
Time deposits	1.3	1.3	1.3	1.4	1.6	1.6	2.0	2.2	2.4	2.8	2.7
U. S. Government securities	1.1	1.1	1.6	3.1	4.9	6.9	8.1	9.5	10.0	9.4	8.9
<b>Personal holdings, total</b>	45.8	48.4	55.2	72.2	95.4	104.9	122.3	133.9	147.2	151.2	164.9
Currency	4.2	4.9	6.3	10.3	14.4	16.1	18.3	19.7	20.8	20.7	20.8
Demand deposits	6.4	9.1	11.3	15.1	18.2	18.5	21.8	22.3	26.6	27.6	31.1
Time deposits	24.3	24.9	24.9	25.6	29.7	32.5	36.3	40.6	44.6	47.7	49.6
U. S. Government securities	8.9	9.5	12.2	21.2	33.1	39.8	45.9	51.3	55.3	55.0	55.4
<b>Trust funds, total</b> <sup>5</sup>	4.5	4.7	3.6	6.8	9.9	11.6	13.3	14.6	15.6	17.7	19.3
Demand deposits	1.2	1.3	1.4	1.2	1.3	1.3	1.4	1.5	1.6	1.8	1.7
Time deposits	.2	.3	.3	.2	.2	.2	.2	.3	.3	.3	.3
U. S. Government securities	3.1	3.1	3.9	5.4	8.4	10.1	11.7	12.9	14.0	15.6	17.2
<b>Other personal, total</b> <sup>6</sup>	41.3	43.7	42.6	55.4	85.5	95.3	109.6	119.3	131.4	133.5	137.7
Currency	4.2	4.9	6.8	10.3	14.4	16.1	18.3	19.7	20.8	20.7	20.8
Demand deposits	7.2	7.8	9.9	13.9	16.9	17.2	20.4	20.8	24.9	26.0	29.4
Time deposits	24.1	24.6	24.6	25.4	29.5	32.3	36.1	40.4	44.4	47.4	49.3
U. S. Government securities	5.8	6.4	5.3	15.8	24.7	29.7	34.2	38.4	41.3	39.4	38.2

<sup>1</sup> Excludes data for banks, insurance companies, building and loan associations, foreigners, nonprofit associations, and governmental bodies and agencies.

<sup>2</sup> Estimates of demand deposit balances as they would appear on records of depositors. They differ from figures based on bank records such as given in regular banking statistics. Depositor-record estimates are lower than bank-record estimates; for example, total demand deposits as of Dec. 31, 1946, on a holder-record basis amounted to \$4.6 billion dollars while on a bank-record basis these deposits amount to \$6.7 billion.

<sup>3</sup> Includes outstanding amounts of excess profits tax refund bonds beginning Dec. 1945, as follows: Dec. 1945, 1,128 million dollars; June 1946, 58 million dollars; Dec. 1946, 29 million dollars. Excludes 602 million dollars of armed forces leave bonds outstanding on Dec. 31, 1946, redeemable Sept. 2, 1947.

<sup>4</sup> Includes real estate companies, finance and credit companies, insurance agencies (not carriers), investment trusts, security brokers and dealers, holding companies not otherwise classified, etc.

<sup>5</sup> Includes only amounts administered by corporate trustees.

<sup>6</sup> Includes holdings of farmers and professional persons.

Source: Board of Governors of the Federal Reserve System. Published in Federal Reserve Bulletin, September 1947.

## No. 502.—CAPITAL ISSUES—SUMMARY, BY CLASSES: 1923 TO 1947

[In millions of dollars. Data cover domestic and foreign issues in United States. Preferred stocks of no par value and all common stocks are taken at offering price, other issues at par, except that in figures for corporate issues for 1917 and 1918 all stocks are included at market value. Corporate issues for 1917 and 1918 exclude real estate offerings and privileged stock subscriptions included in figures beginning 1919, and issues of less than \$100,000. State and municipal issues include bonds issued by States, Territories, and possessions, counties and municipalities, and by school and road districts and other independent governmental bodies]

YEAR	Total issues	New capital	Refund- ing	TOTAL ISSUES, BY KINDS						
				Corporate				Farm- loan and Gov't agencies	State and municipal	Foreign govern- ment
				Rail- roads	Public utilities	Indus- trials <sup>1</sup>	Miscel- laneous			
1923.....	4,989.7	4,304.4	685.3	518.2	1,138.4	1,044.8	531.4	392.5	1,071.3	293.1
1924.....	6,352.5	5,593.2	759.3	940.3	1,529.6	805.7	563.0	179.1	1,407.8	927.0
1925.....	7,126.0	6,220.2	905.9	514.7	1,710.0	1,270.2	1,243.2	188.2	1,408.4	791.3
1926.....	7,430.3	6,344.1	1,086.1	422.6	1,968.0	1,610.2	1,298.8	131.3	1,375.5	623.9
1927.....	9,933.7	7,791.1	2,142.6	962.8	2,977.4	1,673.8	1,705.2	179.6	1,522.5	912.4
1928.....	9,991.8	8,114.4	1,877.5	727.7	2,562.3	1,816.9	2,710.9	63.9	1,420.9	689.2
1929.....	11,592.2	10,182.8	1,409.4	817.2	2,442.8	2,459.8	4,306.6	-----	1,435.7	130.1
1930.....	7,677.0	7,023.4	653.7	1,026.5	2,566.2	1,151.9	728.6	86.5	1,497.6	619.6
1931.....	4,022.9	3,115.5	907.4	516.5	1,538.9	329.6	204.0	125.6	1,258.0	50.4
1932.....	1,730.3	1,192.2	538.0	61.0	540.3	20.9	21.8	169.6	860.8	66.0
1933.....	1,053.7	709.5	344.2	99.9	92.7	186.6	2.3	90.2	522.0	60.0
1934.....	2,212.3	1,386.3	825.9	249.2	158.4	53.2	30.2	721.7	939.5	60.0
1935.....	4,752.3	1,412.1	3,340.2	196.7	1,283.8	706.5	80.4	1,137.1	1,231.8	116.0
1936.....	6,254.3	1,973.3	4,281.0	796.1	2,125.3	1,258.0	452.6	375.2	1,120.7	126.5
1937.....	4,001.3	2,100.7	1,900.6	356.7	827.5	1,036.9	212.5	437.7	907.7	222.3
1938.....	4,459.2	2,355.0	2,104.1	72.4	1,222.6	798.1	47.3	1,146.0	1,107.6	65.0
1939.....	5,853.1	2,298.4	3,554.7	185.6	1,327.0	512.2	171.4	2,461.6	1,127.9	67.5
1940.....	4,805.9	1,950.5	2,855.4	372.3	1,274.1	764.2	352.0	804.3	1,239.0	-----
1941.....	5,545.9	2,853.9	2,692.0	365.3	1,383.0	675.5	195.0	1,969.0	952.6	5.5
1942.....	2,114.5	1,075.1	1,039.4	48.6	467.2	490.1	36.6	548.2	523.7	-----
1943.....	2,228.2	643.5	1,584.7	152.4	399.1	503.2	26.1	622.1	435.2	90.0
1944.....	4,295.9	936.4	3,359.5	622.8	1,384.3	1,005.7	168.3	433.2	638.9	42.8
1945.....	8,046.2	1,774.7	6,271.5	1,597.7	2,397.4	1,906.0	447.5	937.9	794.7	55.0
1946.....	8,728.0	4,643.9	4,084.0	729.9	2,114.6	3,146.0	661.6	861.2	1,160.5	54.3
1947.....	9,706.7	7,606.9	2,099.7	269.7	3,127.6	2,337.4	539.9	661.2	2,269.3	501.6

CORPORATE ISSUES BY CLASS OF SECURITY (NEW CAPITAL AND REFUNDING)<sup>2</sup>

YEAR	Total	Long-term bonds and notes	Short-term bonds and notes	Stocks	YEAR	Total	Long-term bonds and notes	Short-term bonds and notes	Stocks
1917.....	1,530.0	1,075.5		454.5	1933.....	381.6	138.5	90.4	152.7
1918.....	1,344.8	1,047.1		297.7	1934.....	491.1	287.0	169.5	34.6
1919.....	2,739.7	633.7	540.2	1,565.8	1935.....	2,267.4	2,066.1	50.5	150.8
1920.....	2,966.3	1,234.4	660.8	1,071.1	1936.....	4,631.9	4,001.3	62.8	567.9
1921.....	2,390.9	1,896.2	215.4	279.3	1937.....	2,433.7	1,578.6	94.7	760.4
1922.....	3,073.3	2,304.3	145.0	624.0	1938.....	2,140.5	2,032.3	10.5	97.7
1923.....	3,232.8	2,316.4	180.5	736.0	1939.....	2,196.2	1,863.4	78.8	233.9
1924.....	3,838.6	2,569.3	403.0	866.3	1940.....	2,762.6	2,396.1	28.6	327.9
1925.....	4,738.1	3,040.2	386.9	1,311.0	1941.....	2,618.8	2,276.5	43.1	299.1
1926.....	5,299.6	3,648.0	333.8	1,317.8	1942.....	1,042.5	906.4	4.7	129.4
1927.....	7,319.2	5,190.4	355.5	1,773.3	1943.....	1,080.9	869.1	38.0	173.8
1928.....	7,817.9	3,916.6	274.1	3,627.2	1944.....	3,181.1	2,655.7	13.6	511.9
1929.....	10,026.4	2,842.3	262.6	6,921.4	1945.....	6,258.6	4,891.4	46.4	1,320.7
1930.....	5,473.3	3,248.0	657.0	1,568.3	1946.....	6,652.1	4,532.1	38.3	2,081.7
1931.....	2,589.0	1,840.8	405.1	343.1	1947.....	6,274.5	4,695.7	69.6	1,509.2
1932.....	643.9	405.8	214.0	24.0					

<sup>1</sup> Comprises the following classifications given in the original detailed statements: Iron, steel, coal, copper, etc., equipment manufactures, motors and accessories, oil, rubber, and miscellaneous industrials.

<sup>2</sup> These figures do not include funds obtained by States and municipalities from any agencies of the Federal Government.

<sup>3</sup> Figures for 1917 and 1918 are from the New York Journal of Commerce.

Source: Commercial and Financial Chronicle (except as noted), New York, N. Y.

**No. 503.—INTENDED APPLICATION OF PROCEEDS FROM NEW ISSUES OF CORPORATE SECURITIES OFFERED FOR CASH SALE IN THE UNITED STATES: 1939 TO 1947**

[Millions of dollars]

INTENDED APPLICATION	1939	1940	1941	1942	1943	1944	1945	1946	1947
<b>ALL ISSUES</b>									
Estimated gross proceeds.....	2,164	2,677	2,667	1,962	1,178	2,202	6,011	6,969	6,221
Bonds and notes.....	1,980	2,386	2,390	917	990	2,670	4,855	4,682	4,684
Preferred stock.....	98	183	167	112	124	309	756	1,127	763
Common stock.....	87	108	110	34	56	163	397	691	784
Estimated net proceeds.....	2,115	2,615	2,623	1,943	1,147	2,142	5,902	6,787	6,111
Proposed uses of net proceeds:									
New money.....	326	509	508	474	308	657	1,080	3,279	4,270
Plant and equipment.....	170	424	551	287	141	252	638	2,115	3,224
Working capital.....	155	145	207	187	167	405	442	1,164	1,046
Retirements.....	1,764	2,028	1,727	534	812	2,438	4,689	3,246	1,688
Funded debt.....	1,637	1,726	1,483	366	667	2,038	4,117	2,362	1,191
Other debt.....	69	174	144	138	73	49	134	379	310
Preferred stock.....	59	128	100	30	72	251	438	476	187
Other purposes.....	26	19	28	85	27	47	133	221	153
<b>INDUSTRIAL</b>									
Estimated gross proceeds.....	604	902	848	539	510	1,061	2,026	3,701	2,484
Estimated net proceeds.....	584	861	828	527	497	1,033	1,969	3,691	2,429
Proposed uses of net proceeds:									
New money.....	188	167	244	293	228	454	611	2,201	1,740
Plant and equipment.....	53	82	105	116	79	125	461	1,257	1,000
Working capital.....	135	85	139	178	149	329	250	944	740
Retirements.....	380	783	566	208	263	652	1,107	1,231	626
Funded debt.....	362	652	403	72	137	345	720	757	282
Other debt.....	27	46	103	119	54	48	97	250	272
Preferred stock.....	2	85	60	16	61	158	291	224	61
Other purposes.....	16	11	18	27	17	28	52	109	53
<b>PUBLIC UTILITY</b>									
Estimated gross proceeds.....	1,271	1,203	1,357	472	477	1,422	2,319	2,135	3,165
Estimated net proceeds.....	1,246	1,180	1,349	464	469	1,400	2,291	2,129	3,121
Proposed uses of net proceeds:									
New money.....	43	245	317	145	22	40	69	785	2,122
Plant and equipment.....	32	229	303	139	16	25	61	714	1,082
Working capital.....	11	16	14	6	6	15	9	71	141
Retirements.....	1,196	929	1,019	311	439	1,344	2,182	1,298	957
Funded debt.....	1,100	883	956	278	412	1,156	2,052	1,014	827
Other debt.....	41	7	26	19	16	1	23	47	25
Preferred stock.....	57	39	37	14	11	187	107	238	96
Other purposes.....	6	6	4	8	6	16	39	46	42
<b>RAILROAD</b>									
Estimated gross proceeds.....	186	324	306	48	161	609	1,454	711	286
Estimated net proceeds.....	182	319	361	47	160	602	1,436	704	283
Proposed uses of net proceeds:									
New money.....	85	115	253	32	46	102	115	129	240
Plant and equipment.....	85	113	253	32	46	102	115	129	236
Working capital.....	(1)	1							2
Retirements.....	97	204	108	16	114	500	1,321	574	37
Funded debt.....	97	186	105	16	114	500	1,320	571	25
Other debt.....	(1)	18					(1)	2	2
Preferred stock.....			3				1		
Other purposes.....	(1)	(1)	(1)	(1)	(1)				6
<b>REAL ESTATE AND FINANCIAL</b>									
Estimated gross proceeds.....	103	159	99	4	21	109	211	329	286
Estimated net proceeds.....	102	155	94	4	21	107	206	323	279
Proposed uses of net proceeds:									
New money.....	9	42	55	4	13	61		164	169
Plant and equipment.....	(1)	(1)	(1)				1	14	5
Working capital.....	9	42	55	4	13	61	84	149	165
Retirements.....	89	111	32		6	42	79	143	68
Funded debt.....	68	6	18		4	36	26	50	46
Other debt.....	(1)	103	16		2		13	78	1
Preferred stock.....	(1)	4				6	40	14	21
Other purposes.....	4	2	6		2	3	42	16	82

<sup>1</sup> Less than \$500,000.

Source: Securities and Exchange Commission; monthly data published in Statistical Bulletin.



### No. 504.—U. S. PURCHASES OF FOREIGN CAPITAL ISSUES (GOVERNMENTAL AND CORPORATE) PUBLICLY OFFERED IN THE U. S.: 1922 TO 1947

[Amounts in thousands of dollars. Excludes privately taken issues and small issues for which data are not available]

YEAR	Number of issues	Total nominal capital	Estimated refunding to Americans <sup>1</sup>	Estimated new nominal capital	YEAR	Number of issues	Total nominal capital	Estimated refunding to Americans <sup>1</sup>	Estimated new nominal capital
1922	183	863,048	99,421	763,627	1935	11	73,968	9,958	64,030
1923	76	497,567	77,000	420,567	1936	15	142,272	147,658	-5,386
1924	120	1,217,218	247,994	969,224	1937	9	163,051	150,200	12,851
1925	164	1,316,166	239,700	1,076,466	1938	7	63,073	27,628	35,448
1926	230	1,288,459	162,978	1,125,481	1939	12	85,463	47,600	37,863
1927	265	1,577,414	240,654	1,336,760	1940	3	2,125		2,125
1928	221	1,489,362	238,410	1,250,951	1941	4	5,072	4,000	1,072
1929	148	705,768	34,537	671,231	1942 <sup>2</sup>				
1930	121	1,067,560	182,227	905,333	1943	4	92,300	90,000	2,300
1931	41	285,300	56,365	228,935	1944	5	31,400	14,700	16,700
1932	7	87,885	38,530	49,355	1945	8	70,600	60,500	10,000
1933	9	73,275	60,091	12,183	1946	8	135,200	127,700	7,500
1934	2	9,387	9,387		1947 (prel.)	14	408,500	132,900	276,000

<sup>1</sup> As a result of previous repatriations and purchases by investors of other countries these figures include, especially through 1937 substantial amounts of bonds not held in United States at time of their redemption.

<sup>2</sup> No issues.

Source: Dept. of Commerce, Bur. Foreign and Domestic Commerce; International Economics Division records.

### No. 505.—INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES: 1857 TO 1947

[Series revised beginning 1933 to exclude real estate and financial companies. These revisions bring failure record more nearly in accordance with type of concerns covered by "Total number of concerns in business," in which no changes were made. Beginning 1939, new series includes voluntary discontinuances with loss to creditors and small concerns forced out of business with insufficient assets to cover all claims, in addition to failures included in former series]

YEAR OR YEARLY AVERAGE	Total number of concerns in business <sup>1</sup>	Number of failures	Current liabilities (1,000 dollars)	Average liability	YEAR OR YEARLY AVERAGE	Total number of concerns in business <sup>1</sup>	Number of failures	Current liabilities (1,000 dollars)	Average liability
1857-1860		4,185	132,925	\$31,762	1915	1,674,788	22,156	302,285	\$13,644
1861-1865		2,038	52,873	26,944	1916	1,707,639	16,993	196,212	11,547
1866-1870		2,648	75,486	28,506	1917	1,733,225	13,856	182,441	13,168
1871-1875		5,147	158,221	30,740	1918	1,706,061	9,962	163,020	16,321
1876-1880	<sup>2</sup> 724,490	7,967	156,014	18,700	1919	1,710,909	6,451	113,291	17,562
1881-1885	858,537	8,622	143,228	16,338	1920	1,821,409	8,891	295,121	33,231
1886	969,841	9,334	114,644	11,658	1921	1,927,304	19,652	637,401	31,926
1887	994,281	9,634	167,561	17,393	1922	1,963,106	23,676	623,505	26,351
1888	1,048,662	10,679	123,832	11,596	1923	1,996,004	16,718	539,387	31,111
1889	1,051,140	10,862	148,784	13,672	1924	2,047,302	20,615	543,226	26,351
1890	1,110,500	10,907	190,857	17,407	1925	2,113,312	21,214	443,744	20,916
1891	1,142,951	12,273	180,669	15,470	1926	2,156,457	21,773	409,233	18,795
1892	1,172,705	10,344	114,044	11,025	1927	2,171,686	23,146	520,106	22,471
1893	1,193,113	15,242	346,780	22,752	1928	2,199,049	23,842	469,559	20,533
1894	1,114,174	13,865	172,993	12,459	1929	2,212,779	22,909	453,252	21,044
1895	1,209,282	13,197	173,196	13,124	1930	2,183,008	26,355	668,263	25,357
1896	1,151,579	13,058	226,101	14,985	1931	2,125,259	26,285	736,310	28,022
1897	1,058,521	13,351	154,333	11,560	1932	2,076,560	31,622	928,813	29,172
1898	1,105,830	12,186	130,663	10,722	1933 <sup>3</sup>	1,960,701	20,367	608,830	24,791
1899	1,147,595	9,337	90,881	9,733	1933 <sup>2</sup>	1,960,701	19,589	457,520	23,038
1900	1,174,300	10,774	138,496	12,855	1934	1,973,900	12,091	333,959	27,620
1901	1,219,242	11,002	113,091	10,279	1935	1,982,905	12,244	310,580	25,366
1902	1,253,172	11,615	117,477	10,114	1936	2,009,935	9,607	268,173	21,146
1903	1,261,461	12,069	155,444	12,860	1937	2,056,598	9,490	183,253	19,310
1904	1,320,172	12,199	144,202	11,821	1938	2,101,933	12,636	246,505	19,304
1905	1,357,455	11,520	102,676	8,913	1939 <sup>1</sup>	2,112,008	11,408	178,904	14,744
1906	1,392,949	10,662	119,202	11,159	1939 <sup>2</sup>	2,116,006	14,789	182,520	12,359
1907	1,418,075	11,725	197,366	16,855	1940	2,156,450	13,619	166,694	12,239
1908	1,447,554	15,660	222,316	14,169	1941	2,170,615	11,648	126,104	11,498
1909	1,496,389	12,924	154,340	11,942	1942	2,151,549	9,405	100,763	10,714
1910	1,515,143	12,652	201,757	15,947	1943	2,023,007	3,221	45,339	14,076
1911	1,525,024	13,441	191,082	14,215	1944	1,855,033	1,222	31,000	25,998
1912	1,564,279	15,452	203,118	13,145	1945	1,909,096	810	20,206	27,525
1913	1,616,517	16,037	272,673	17,003	1946	2,141,807	1,120	78,349	62,236
1914	1,665,496	16,260	357,909	19,579	1947	2,404,883	3,478	221,048	63,593

<sup>1</sup> Represents number of names listed in July issue of the Reference Book. See table 506 for class of industries covered.

<sup>2</sup> Average for 1879-80.

<sup>3</sup> See headings regarding revisions. Figures in italics are comparable with preceding years.

Source: Dun & Bradstreet, Inc., New York, N. Y. Monthly data published currently in Dun's Statistical Review.

### No. 506.—INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES, BY MONTHS: 1942 TO 1947

(Liabilities in thousands of dollars. Current liabilities include all accounts and notes payable and all obligations, whether in secured form or not, known to be held by banks, officers, affiliated companies, supplying companies, or the Government. Deferred liabilities (the difference between current, as defined above, and the total) are therefore long-term obligations held by the public)

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Number:</b>												
1942	962	916	1,048	938	955	804	764	696	566	673	586	506
1943	458	422	410	362	261	265	203	227	124	169	156	145
1944	120	132	96	131	148	130	91	77	75	74	75	96
1945	80	66	85	88	72	61	72	56	64	62	60	42
1946	80	92	86	81	92	69	74	92	96	128	104	141
1947	202	236	254	277	378	■	299	287	292	326	313	317
<b>Current liabilities:</b>												
1942	9,916	9,631	12,011	9,282	9,839	9,906	8,548	6,781	5,473	7,181	6,245	6,060
1943	5,515	4,163	7,282	3,523	2,550	6,076	3,595	2,905	1,498	3,785	3,402	2,055
1944	1,708	3,108	1,460	3,624	2,697	1,854	3,569	1,064	4,065	3,819	3,008	1,804
1945	5,883	1,557	3,880	980	2,208	3,196	3,659	1,166	1,658	3,114	1,268	1,824
1946	4,372	2,983	4,421	3,785	3,656	3,006	3,434	3,799	4,877	6,400	12,511	17,105
1947	15,193	12,976	15,251	16,080	17,326	18,982	37,137	14,903	10,034	21,322	16,345	25,499
<b>Total liabilities:</b>												
1942	10,463	10,086	13,241	10,175	10,367	12,189	9,489	7,021	5,598	■	5,345	7,382
1943	5,793	4,213	7,868	3,718	2,625	15,321	3,693	2,905	1,538	4,030	3,402	3,115
1944	1,708	6,132	1,460	3,757	2,697	2,090	3,559	1,064	4,365	3,973	3,008	1,804
1945	9,533	1,657	3,890	980	2,208	3,396	3,669	1,166	1,658	3,114	1,268	1,824
1946	5,776	2,983	4,529	3,985	3,931	3,006	3,493	3,799	4,877	6,650	16,179	17,265
1947	15,193	12,976	15,251	16,080	17,521	19,297	37,948	14,908	10,099	22,229	16,634	25,499

### No. 507.—INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES, BY INDUSTRIAL GROUPS AND SIZE OF LIABILITIES: 1946 AND 1947

(Liabilities in thousands of dollars. See headnote, table 506)

INDUSTRIAL GROUP AND SIZE OF LIABILITIES	1946				1947			
	Number	Per cent	Current liabilities	Total liabilities	Number	Per cent	Current liabilities	Total liabilities
<b>Total</b>	1,130	100.0	70,249	76,463	2,476	■	221,648	223,636
Under \$5,000	263	23.3	712	712	600	17.2	1,766	1,766
\$5,000 to \$25,000	489	43.3	5,589	5,589	1,661	47.8	20,287	20,287
\$25,000 to \$100,000	252	22.3	12,416	12,416	842	24.2	41,615	41,615
\$100,000 to \$1,000,000	118	10.4	29,208	30,919	350	10.1	90,041	91,062
\$1,000,000 and over	8	.7	22,368	26,327	23	.7	67,339	68,890
<b>Manufacturing</b>	466	100.0	38,887	41,339	1,275	100.0	142,727	145,254
Under \$5,000	48	10.3	129	129	86	6.7	244	344
\$5,000 to \$25,000	195	41.8	2,458	2,458	489	38.4	6,522	6,522
\$25,000 to \$100,000	144	30.9	7,393	7,393	432	33.9	21,712	21,712
\$100,000 to \$1,000,000	74	15.9	18,541	19,936	248	19.4	66,220	67,196
\$1,000,000 and over	5	1.1	19,366	11,423	20	1.6	48,029	49,580
<b>Wholesale trade</b>	99	100.0	11,480	11,480	447	100.0	21,138	21,138
Under \$5,000	16	16.2	59	59	44	9.8	142	142
\$5,000 to \$25,000	43	43.4	507	507	224	50.2	2,935	2,935
\$25,000 to \$100,000	29	29.3	1,411	1,411	135	30.2	6,767	6,767
\$100,000 to \$1,000,000	10	10.1	2,503	2,503	44	9.8	11,294	11,294
\$1,000,000 and over	1	1.0	7,000	7,000	—	—	—	—
<b>Retail trade</b>	304	100.0	6,273	6,381	1,222	100.0	21,459	21,469
Under \$5,000	114	37.5	314	314	334	27.3	1,005	1,005
\$5,000 to \$25,000	144	47.4	1,418	1,418	694	56.8	7,770	7,770
\$25,000 to \$100,000	36	11.8	1,590	1,590	169	13.8	7,656	7,656
\$100,000 to \$1,000,000	10	3.3	2,951	3,059	25	2.1	5,029	6,039
<b>Construction</b>	139	100.0	4,340	4,340	239	100.0	7,211	7,211
Under \$5,000	41	29.5	111	111	64	26.8	169	169
\$5,000 to \$25,000	58	41.7	693	693	122	51.0	1,476	1,476
\$25,000 to \$100,000	30	21.6	1,322	1,322	43	18.0	2,222	2,222
\$100,000 to \$1,000,000	10	7.2	2,214	2,214	10	4.2	3,345	3,345
<b>Commercial service</b>	122	100.0	9,269	12,923	293	100.0	28,513	28,588
Under \$5,000	44	36.1	99	99	72	24.6	206	206
\$5,000 to \$25,000	49	40.2	513	513	132	45.1	1,585	1,585
\$25,000 to \$100,000	13	10.6	700	700	63	21.5	3,259	3,259
\$100,000 to \$1,000,000	14	11.5	3,057	3,207	23	7.8	4,153	4,196
\$1,000,000 and over	2	1.6	5,000	8,404	3	1.0	19,310	19,310

Source of tables 506 and 507: Dun & Bradstreet, Inc., New York, N. Y. Monthly data published currently in *Dun's Statistical Review*.

No. 553.—INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES, BY INDUSTRIAL GROUPS AND INDUSTRIES: 1945, 1946, AND 1947

INDUSTRIAL GROUP	NUMBER			CURRENT LIABILITIES IN CREDITS OF CREDITORS		
	1945	1946	1947	1945	1946	1947
<b>Grand total</b>	<b>296</b>	<b>1,130</b>	<b>2,476</b>	<b>26,305</b>	<b>76,120</b>	<b>124,000</b>
<b>Mining and manufacturing</b>	<b>209</b>	<b>695</b>	<b>1,378</b>	<b>17,307</b>	<b>52,307</b>	<b>74,277</b>
Mining—Coal, oil, miscellaneous	17	74	13	2,457	1,472	674
Food and kindred products	14	34	176	42	2,365	10,000
Textile-mill products and apparel	10	27	176	211	1,174	1,000
Lumber and products	46	30	175	1,700	2,365	10,100
Paper, printing, and publishing	14	13	30	600	475	1,147
Chemicals and allied products	15	10	40	361	1,331	0,000
Leather and products	3	1	47	200	075	0,000
Stone, clay, and glass products	3	0	31	300	1,100	1,100
Iron, steel, and products	30	30	70	1,000	2,000	1,000
Machinery	14	130	200	2,000	10,000	10,100
Transportation equipment	10	30	30	2,000	1,000	10,000
Miscellaneous	30	60	200	1,000	2,000	10,100
<b>Wholesale trade</b>	<b>61</b>	<b>90</b>	<b>447</b>	<b>4,290</b>	<b>11,000</b>	<b>21,100</b>
Food and farm products	15	24	100	400	2,100	7,000
Apparel	0	0	10	30	000	000
Dry goods	3	2	10	41	00	000
Lumber, building materials, hardware	3	2	30	110	270	2,000
Chemicals and drugs	0	0	30	00	100	000
Motor vehicles and auto equipment	3	2	30	00	100	000
Miscellaneous	30	40	100	400	1,000	2,000
<b>Retail trade</b>	<b>200</b>	<b>304</b>	<b>1,022</b>	<b>2,107</b>	<b>6,070</b>	<b>21,400</b>
Food and liquor	11	47	210	001	000	0,000
General merchandise	11	11	40	00	000	000
Apparel and accessories	31	42	170	011	004	0,000
Furniture, home furnishings	0	23	100	00	000	0,000
Lumber, building materials, hardware	14	13	03	100	100	1,000
Automotive group	32	40	101	000	1,000	0,000
Eating and drinking places	00	70	000	000	1,000	0,000
Drug stores	10	11	30	100	00	000
Miscellaneous	43	37	140	147	000	0,000
<b>Construction</b>	<b>60</b>	<b>130</b>	<b>200</b>	<b>2,000</b>	<b>4,000</b>	<b>7,000</b>
General building contractors	21	40	00	2,000	2,000	4,000
Building subcontractors	40	00	140	000	1,000	1,000
Other contractors	0	7	0	000	000	000
<b>Commercial service</b>	<b>27</b>	<b>120</b>	<b>000</b>	<b>2,000</b>	<b>0,000</b>	<b>00,000</b>
Highway transportation: passenger, freight	20	41	101	2,000	7,000	21,000
Miscellaneous public services	11	0	0	100	000	000
Hotels	0	4	7	000	000	0,000
Cleaning, dyeing, repairing	4	10	10	00	01	000
Laundries	2	7	10	00	007	100
Undertakers	0	0	0	00	0	00
Other personal services	0	10	00	00	000	000
Business and repair services	21	30	100	000	000	1,000

Sources: Dun & Bradstreet, Inc., New York, N. Y. Monthly data published currently in Dun's Statistical Review.

**No. 500.—INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES, BY STATES: 1945, 1946, AND 1947**

DIVISION AND STATE	NUMBER OF CONCERNS IN BUSINESS <sup>1</sup>		FAILURES				CURRENT LIABILITIES (THOUSANDS OF DOLLARS)		
			Number			Per- cent			
	1946	1947	1945	1946	1947	1947	1945	1946	1947
United States.....	2, 141, 807	2, 404, 853	810	1, 130	2, 476	0. 14	20, 295	79, 349	221, 045
New England.....	155, 487	171, 547	89	145	399	. 23	4, 890	4, 917	13, 329
Maine.....	14, 348	15, 771	6	4	22	. 14	245	105	357
New Hampshire.....	9, 771	9, 715	1	4	7	. 07	12	286	132
Vermont.....	6, 193	6, 755	2	—	1	. 01	2, 520	—	14
Massachusetts.....	78, 739	87, 567	49	103	237	. 27	1, 525	2, 136	7, 135
Rhode Island.....	13, 633	14, 731	10	9	35	. 24	510	216	1, 864
Connecticut.....	33, 812	37, 108	12	25	96	. 26	68	2, 175	4, 618
Middle Atlantic.....	493, 125	546, 323	291	317	979	. 18	9, 178	26, 254	69, 265
New York.....	257, 014	288, 996	235	—	500	. 21	7, 290	19, 995	46, 495
New Jersey.....	78, 018	86, 718	21	50	157	. 18	556	2, 755	12, 407
Pennsylvania.....	157, 193	170, 609	35	66	213	. 12	1, 362	3, 534	9, 088
East North Central.....	459, 675	506, 876	144	178	585	. 12	3, 699	13, 461	42, 499
Ohio.....	109, 561	121, 636	39	38	136	. 11	908	4, 361	11, 552
Indiana.....	59, 202	64, 465	3	8	44	. 07	—	191	2, 699
Illinois.....	146, 627	158, 823	44	71	214	. 13	946	5, 532	23, 552
Michigan.....	61, 669	93, 933	24	43	139	. 15	790	3, 123	11, 516
Wisconsin.....	62, 619	68, 131	34	18	52	. 08	907	354	2, 091
West North Central.....	239, 798	260, 682	43	56	189	. 06	1, 127	6, 998	11, 659
Minnesota.....	48, 464	53, 474	7	10	36	. 07	170	499	4, 459
Iowa.....	46, 330	49, 134	8	7	27	. 06	91	3, 702	2, 409
Missouri.....	66, 808	72, 515	24	29	65	. 09	618	2, 012	2, 778
North Dakota.....	9, 783	10, 897	—	1	—	—	—	9	—
South Dakota.....	10, 874	12, 019	1	2	3	. 02	9	19	61
Nebraska.....	23, 210	25, 183	1	3	10	. 04	2	160	569
Kansas.....	34, 230	37, 360	2	4	9	. 02	37	517	253
South Atlantic.....	223, 967	269, 444	35	50	247	. 10	3, 956	1, 547	9, 325
Delaware.....	4, 704	5, 314	—	—	—	—	—	—	—
Maryland.....	39, 641	32, 792	7	7	12	. 04	1, 036	244	136
District of Columbia.....	9, 598	9, 879	3	2	17	. 17	28	123	979
Virginia.....	32, 950	38, 430	4	7	37	. 10	172	74	735
West Virginia.....	21, 443	24, 303	5	5	18	. 07	301	32	342
North Carolina.....	37, 683	43, 211	2	6	32	. 07	130	114	1, 647
South Carolina.....	18, 449	21, 546	—	—	9	. 04	—	—	927
Georgia.....	34, 160	42, 721	9	12	60	. 14	801	536	1, 944
Florida.....	34, 249	41, 248	6	11	62	. 16	1, 768	425	2, 716
East South Central.....	114, 193	132, 919	13	21	79	. 05	552	399	2, 665
Kentucky.....	32, 016	35, 533	—	5	8	. 02	—	175	135
Tennessee.....	34, 771	40, 655	7	6	28	. 07	354	41	1, 105
Alabama.....	26, 004	31, 499	4	4	23	. 07	101	122	536
Mississippi.....	21, 401	25, 132	2	6	11	. 04	97	51	568
West South Central.....	185, 671	217, 438	18	34	115	. 05	661	2, 387	7, 953
Arkansas.....	22, 460	26, 677	4	—	5	. 02	36	—	296
Louisiana.....	20, 063	24, 026	5	9	36	. 11	222	608	1, 014
Oklahoma.....	31, 980	36, 967	5	10	19	. 05	318	749	728
Texas.....	101, 172	119, 748	4	15	55	. 05	85	1, 135	5, 016
Mountain.....	66, 107	76, 182	17	21	105	. 14	754	531	2, 642
Montana.....	9, 218	10, 225	1	3	3	. 03	8	65	276
Idaho.....	7, 742	8, 943	—	3	8	. 09	—	65	41
Wyoming.....	4, 418	4, 930	2	—	1	. 02	4	—	20
Colorado.....	19, 303	21, 860	6	3	44	. 20	105	283	904
New Mexico.....	7, 784	9, 149	4	4	10	. 11	39	55	260
Arizona.....	6, 395	7, 875	—	1	22	. 28	—	47	293
Utah.....	8, 684	10, 240	5	7	10	. 10	598	26	110
Nevada.....	2, 473	2, 960	—	—	7	. 24	—	—	48
Pacific.....	203, 975	233, 570	163	208	838	. 36	5, 658	13, 925	41, 394
Washington.....	34, 896	39, 241	24	25	56	. 14	904	3, 062	5, 291
Oregon.....	24, 716	28, 722	16	25	70	. 24	138	553	1, 967
California.....	144, 563	165, 607	123	258	710	. 43	4, 645	10, 310	34, 326

<sup>1</sup> Represents number of names listed in July issue of the Reference Book. See table 508 for class of industries covered.

Source: Dun & Bradstreet, Inc., New York, N. Y. Monthly data published currently in Dun's Statistical Review.

## No. 510.—NUMBER OF OPERATING FIRMS, 1929 TO 1947, AND NEW AND DISCONTINUED BUSINESSES, 1940 TO 1947

[In thousands]

DATE	All industries	Mining and quarrying	Contract construction	Manufacturing	Transportation, communication, and other public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Service industries
<b>NUMBER OF FIRMS</b>									
(As of Sept. 30)									
1929.....	2,000.0	22.8	235.6	251.3	106.6	120.4	1,361.1	208.2	208.0
1933.....	2,850.4	21.4	191.0	169.0	151.6	116.5	1,340.0	276.7	304.2
1935.....	3,025.4	22.3	180.9	199.3	177.6	127.8	1,425.1	273.5	318.9
1939.....	3,316.7	21.4	202.1	214.2	207.7	144.8	1,601.4	286.4	339.7
1940.....	3,298.2	22.0	218.4	215.5	205.2	143.3	1,584.7	283.0	326.1
1941.....	3,308.0	23.4	243.8	225.8	200.2	146.2	1,620.8	285.0	343.8
1942.....	3,155.7	25.9	220.2	224.1	197.2	134.1	1,490.7	273.2	300.2
1943.....	2,880.6	26.2	158.1	228.6	188.0	114.8	1,329.9	261.2	352.8
1944.....	2,923.5	25.7	153.1	236.2	193.2	122.0	1,354.4	274.1	364.8
1945.....	3,134.1	26.0	176.4	255.5	202.8	137.4	1,450.1	283.4	392.6
1946.....	3,805.3	27.6	241.9	298.8	220.1	165.7	1,661.8	297.4	381.9
1947 (June 30) (prel.).....	3,783.6	28.3	267.8	316.7	227.4	176.3	1,747.6	300.0	719.8
<b>NEW BUSINESSES</b>									
1940.....	357.3	6.1	53.9	27.2	29.0	17.2	107.3	25.5	91.0
1941.....	447.6	6.8	71.6	31.1	36.3	17.6	118.0	28.6	137.6
1942.....	334.7	5.5	55.8	29.2	36.2	8.2	71.7	18.8	109.4
1943.....	143.4	2.5	20.7	18.7	14.0	7.8	34.9	15.0	29.8
1944.....	272.8	2.9	21.6	24.3	14.6	18.8	110.2	24.2	56.1
1945.....	411.8	3.7	48.8	30.4	18.4	26.5	172.9	25.2	76.9
1st quarter.....	90.5	.9	8.8	8.9	4.9	6.5	33.9	7.6	19.0
2d quarter.....	87.8	1.0	10.1	9.2	3.9	5.7	35.7	5.9	16.3
3d quarter.....	106.0	.8	13.4	10.0	4.4	6.3	46.5	5.5	19.0
4th quarter.....	127.4	.9	16.5	11.3	5.2	8.0	56.8	6.2	22.6
1946:									
1st quarter.....	187.6	1.3	29.0	18.6	8.1	12.2	76.7	8.6	32.0
2d quarter.....	168.7	1.2	23.3	16.7	7.2	9.7	74.0	7.6	28.0
3d quarter.....	146.8	1.1	16.4	14.5	6.1	8.6	62.4	6.8	31.1
4th quarter.....	112.3	.9	12.2	10.3	5.0	6.6	48.9	5.0	23.5
1947:									
1st quarter.....	128.0	1.1	18.2	12.3	6.3	8.3	50.6	6.3	25.0
2d quarter (prel.).....	108.9	1.2	18.3	10.1	4.9	7.3	40.1	5.7	21.3
<b>DISCONTINUED <sup>1</sup></b>									
1940.....	360.5	5.3	40.1	23.7	33.6	17.2	106.4	31.7	102.4
1941.....	410.8	5.0	51.4	23.7	32.2	17.6	116.8	32.8	131.3
1942.....	604.4	3.6	94.0	29.4	46.4	22.6	228.8	29.0	150.7
1943.....	379.1	2.5	76.6	16.3	20.6	23.2	150.5	17.1	72.2
1944.....	143.5	3.2	13.6	12.5	7.3	7.5	53.1	15.2	31.0
1945.....	152.5	3.1	14.6	16.4	7.4	8.6	54.4	15.7	32.2
1st quarter.....	42.5	1.0	4.3	4.2	2.2	2.3	14.6	5.3	8.6
2d quarter.....	35.1	.7	3.3	3.8	1.7	2.0	12.3	3.4	7.7
3d quarter.....	37.4	.7	3.4	4.0	1.8	2.1	14.1	3.3	8.0
4th quarter.....	37.4	.7	3.6	4.3	1.8	2.2	13.4	3.6	7.9
1946:									
1st quarter.....	42.6	.7	4.2	4.6	2.2	2.6	15.5	3.7	9.1
2d quarter.....	43.1	.8	5.2	5.4	2.4	2.4	14.2	3.6	9.1
3d quarter.....	46.3	.7	6.7	3.4	2.8	3.0	15.1	4.1	10.3
4th quarter.....	49.8	.7	7.8	4.0	2.8	3.5	16.3	4.7	10.0
1947:									
1st quarter.....	54.4	.9	7.4	5.3	3.0	4.0	18.3	4.8	10.8
2d quarter (prel.).....	56.7	.9	7.7	5.5	3.1	4.1	19.2	5.0	11.2

<sup>1</sup> Includes closures of all kinds and not simply business failures.

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce; 1940 to June 1946 data published in Survey of Current Business for January 1947, summary data published currently.

## **17. Communication Systems**

**(Including postal service)**

Financial and operating data for telephone, wire-telegraph, ocean-cable, and radio-telegraph carriers which render domestic and foreign service, are shown in this section. Also included are data relating to radio broadcast stations and networks which operate in the continental United States and its possessions.

Additional statistics on the communication industry as well as statistics on the number of telephones on farms, radios in occupied dwelling units, and the manufacture of communication equipment appear in other sections of this Abstract.

The Bureau of the Census in the Census of Electrical Industries compiled at 5-year intervals beginning in 1902 a report on telephones and telegraphs, covering all systems and lines. The last survey made was for the year 1937. Since the establishment of the Federal Communications Commission in 1934, statistical coverage of communications has been centralized and expanded in that agency.

Reports filed with the Federal Communications Commission cover substantially all of the radio broadcast stations and networks, wire-telegraph, ocean-cable, and radio-telegraph carriers operating in the United States and its possessions. Gross operating revenues of the telephone carriers reporting to the Commission are estimated to include approximately 95 percent of the operating revenues of all telephone carriers in the United States and its possessions. Statistical data compiled from these reports are contained in a volume entitled Statistics of the Communications Industry in the United States, which is published annually by the Federal Communications Commission.

"Bell System," as referred to in this section, consists of the American Telephone & Telegraph Co. and its principal telephone subsidiaries, which comprise all operating telephone carriers having assets in excess of \$1,000,000 and in which the American Telephone & Telegraph Co. owns, directly or indirectly, more than 50 percent of the outstanding voting capital stock.

Data on the postal service, obtained principally from the annual reports of the Postmaster General, are also included in the section.



# No. 511.—TELEPHONE SYSTEMS—EQUIPMENT, TRAFFIC, EMPLOYEES, SALARIES AND WAGES, REVENUE, AND INVESTMENT: 1912 TO 1937

[All money figures in thousands of dollars]

ITEM	1912	1917	1922	1927	1932	1937
<b>ALL SYSTEMS</b>						
Number of systems and lines.....	32,233	53,234	57,253	60,148	55,378	<sup>a</sup> 50,560
Miles of wire (thousands).....	20,248	28,827	37,266	63,836	87,678	<sup>a</sup> 90,831
Number of central offices.....	<sup>b</sup> 11,515	<sup>b</sup> 21,175	<sup>b</sup> 19,380	20,227	19,228	18,967
Number of telephones (thousands).....	8,730	11,717	14,347	18,523	17,424	<sup>a</sup> 19,453
Number of calls originating with systems reporting (millions).....	( <sup>c</sup> )	21,846	24,648	31,614	30,048	33,618
Number of employees.....	( <sup>c</sup> )	262,629	312,015	375,272	374,085	333,162
Salaries and wages.....	( <sup>c</sup> )	175,670	352,926	486,597	458,117	516,640
Operating revenues <sup>d</sup> .....	( <sup>c</sup> )	382,830	665,558	1,023,574	1,061,580	1,180,028
Investment in plant and equipment.....	( <sup>c</sup> )	1,492,329	2,205,183	3,548,875	4,791,903	<sup>a</sup> 5,001,803
<b>SYSTEMS REPORTING ANNUAL INCOME OF \$5,000 OR MORE, 1912 AND 1917, AND THOSE REPORTING \$10,000 OR MORE, 1922-37</b>						
Number of systems and lines.....	1,916	2,200	1,323	1,368	918	846
Miles of wire, total (thousands).....	19,619	27,286	35,503	62,277	84,484	<sup>a</sup> 89,871
Underground.....	9,165	14,849	21,440	39,893	55,236	( <sup>e</sup> )
Overhead.....	9,854	12,449	14,063	22,384	31,248	( <sup>e</sup> )
Number of central offices.....	11,515	12,294	10,666	11,485	12,724	12,539
Number of telephones (thousands).....	7,327	9,954	12,296	16,712	16,284	18,291
Number of calls originating with systems reporting, total (millions).....	13,736	19,809	21,961	29,194	28,100	32,932
Local exchange.....	13,393	19,366	21,235	28,109	( <sup>f</sup> )	31,952
Long distance or toll.....	341	443	666	1,087	( <sup>f</sup> )	980
Number of employees.....	183,361	244,490	290,333	356,739	320,763	319,950
Salaries and wages.....	96,041	169,655	341,538	475,840	451,478	519,695
Operating revenues <sup>d</sup> .....	344,476	363,832	637,469	996,912	1,046,392	1,167,442
Investment in plant and equipment.....	1,081,433	1,435,912	2,129,774	3,475,202	4,734,706	4,941,286
<b>BELL SYSTEM (INCLUDED ABOVE)</b>						
Miles of wire (thousands).....	15,133	23,134	30,614	66,819	80,586	81,578
Number of telephones (thousands).....	5,087	7,327	9,515	13,726	13,793	16,332
Number of originating calls (millions).....	9,133	14,596	16,597	23,693	25,061	27,667
<b>SYSTEMS REPORTING ANNUAL INCOME OF LESS THAN \$5,000, 1912 AND 1917, AND LESS THAN \$10,000, 1922-37</b>						
Number of systems and lines.....	30,317	51,034	55,930	58,780	43,910	<sup>a</sup> 49,714
Miles of wire (thousands).....	1,229	1,529	1,763	1,559	1,193	<sup>a</sup> 1,260
Number of telephones (thousands).....	1,403	1,763	2,052	1,810	1,140	<sup>a</sup> 1,162
Number of originating calls (millions).....	( <sup>g</sup> )	2,037	2,746	2,418	948	656

<sup>a</sup> Includes 10,550 connecting lines for which separate reports were not secured; data for such lines, however, were included in reports of operating companies supplying switchboard service.

<sup>b</sup> Includes data for connecting lines having fewer than 5 telephones per line, as follows: 11,759 lines, 29,000 telephones; and estimated figures for other items as follows: 44,000 miles of single wire; and \$1,600,000 investment in equipment.

<sup>c</sup> Not reported for systems and lines having less than \$5,000 annual income in 1912. For 1917 and 1922, figures represent number of systems and lines reporting central offices; actual number of central offices was probably slightly larger.

<sup>d</sup> Not reported except for systems and lines with income of \$5,000 or more.

<sup>e</sup> Including assessments of mutual companies, and miscellaneous operating revenues.

<sup>f</sup> 83,378,000 miles of wire in cable and 6,193,000 not in cable.

<sup>g</sup> No data.

<sup>h</sup> No comparable data available.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Telephones and Telegraphs. Survey discontinued.

**No. 512.—TELEPHONE SYSTEMS—WIRE MILEAGE, NUMBER OF TELEPHONES AND CALLS, ALL SYSTEMS AND LINES, BY STATES: 1932 AND 1937**

DIVISION AND STATE	MILES OF WIRE		NUMBER OF TELEPHONES			TELEPHONES PER 1,000 POPULATION <sup>1</sup>		NUMBER OF ORIGINATING CALLS (MILLIONS)	
	1932	1937	1927	1932	1937	1932	1937	1932	1937
<b>United States.....</b>	<b>87,677,586</b>	<b>90,787,172</b>	<b>18,522,767</b>	<b>17,424,406</b>	<b>19,424,200</b>	<b>129</b>	<b>158</b>	<b>20,945</b>	<b>22,618</b>
<b>New England.....</b>	<b>7,682,588</b>	<b>7,777,976</b>	<b>1,548,931</b>	<b>1,513,839</b>	<b>1,606,031</b>	<b>183</b>	<b>187</b>	<b>2,458</b>	<b>2,576</b>
Maine.....	517,144	513,660	131,367	124,872	128,288	155	180	205	202
New Hampshire.....	288,990	293,852	83,060	79,508	83,661	170	164	127	121
Vermont.....	149,129	159,303	40,798	58,133	57,367	161	180	86	85
Massachusetts.....	4,099,247	4,162,775	867,888	832,740	871,319	193	197	1,308	1,407
Rhode Island.....	595,303	608,498	114,944	110,071	117,239	158	172	178	180
Connecticut.....	2,032,775	2,039,990	290,873	308,517	348,157	188	200	496	581
<b>Middle Atlantic.....</b>	<b>27,399,026</b>	<b>27,714,501</b>	<b>4,548,211</b>	<b>4,613,733</b>	<b>4,874,183</b>	<b>173</b>	<b>177</b>	<b>6,906</b>	<b>7,273</b>
New York.....	15,385,557	15,385,909	2,595,537	2,628,537	2,712,329	204	209	4,000	4,227
New Jersey.....	4,282,769	4,554,521	590,330	642,830	698,782	154	161	638	938
Pennsylvania.....	7,630,699	7,794,111	1,393,338	1,342,366	1,463,072	138	■	2,067	2,108
<b>East North Central.....</b>	<b>21,574,370</b>	<b>21,559,970</b>	<b>4,589,751</b>	<b>4,034,931</b>	<b>4,688,168</b>	<b>156</b>	<b>178</b>	<b>6,504</b>	<b>7,348</b>
Ohio.....	5,545,857	5,688,439	1,122,036	978,394	1,148,985	144	170	1,712	1,987
Indiana.....	2,223,608	2,286,516	352,249	444,996	504,568	136	145	663	883
Illinois.....	7,599,337	7,485,744	1,685,690	1,507,222	1,668,777	198	212	2,206	2,398
Michigan.....	4,263,778	4,246,680	711,816	621,958	759,600	124	157	982	1,198
Wisconsin.....	1,941,790	1,943,591	518,461	482,361	528,238	102	181	741	784
<b>West North Central.....</b>	<b>7,641,354</b>	<b>7,794,619</b>	<b>2,394,861</b>	<b>2,260,965</b>	<b>2,372,735</b>	<b>169</b>	<b>173</b>	<b>2,940</b>	<b>4,106</b>
Minnesota.....	1,610,192	1,080,935	487,611	443,682	499,771	171	188	849	890
Iowa.....	1,310,798	1,313,255	565,533	484,879	514,460	■	202	776	798
Missouri.....	2,620,741	2,683,669	657,946	592,153	618,177	162	164	1,157	1,307
North Dakota.....	161,225	178,277	86,198	68,241	72,007	101	102	143	111
South Dakota.....	177,521	188,286	107,641	88,798	85,900	127	124	119	119
Nebraska.....	736,632	727,487	298,274	247,551	242,143	178	178	367	418
Kansas.....	1,024,245	1,025,080	393,878	334,681	342,277	176	184	550	599
<b>South Atlantic.....</b>	<b>5,760,130</b>	<b>6,674,717</b>	<b>1,262,223</b>	<b>1,250,882</b>	<b>1,554,122</b>	<b>78</b>	<b>90</b>	<b>2,430</b>	<b>2,161</b>
Delaware.....	210,300	246,518	28,901	32,537	41,225	136	168	88	71
Maryland.....	1,076,460	1,197,769	197,135	212,014	250,619	126	149	317	368
Dist. of Columbia.....	875,044	840,674	144,985	180,785	228,987	386	302	235	306
Virginia.....	878,581	1,028,179	183,698	198,956	237,941	81	88	420	510
West Virginia.....	445,781	462,646	146,677	134,160	166,873	76	84	243	291
North Carolina.....	706,820	772,503	160,507	143,710	179,161	44	51	321	■
South Carolina.....	290,899	335,114	64,616	57,215	71,459	33	38	146	187
Georgia.....	772,176	898,121	173,410	151,264	194,291	52	63	415	565
Florida.....	706,860	904,193	162,293	142,251	196,596	92	118	273	382
<b>East South Central.....</b>	<b>2,587,978</b>	<b>2,778,524</b>	<b>644,279</b>	<b>547,440</b>	<b>633,969</b>	<b>55</b>	<b>59</b>	<b>1,401</b>	<b>1,620</b>
Kentucky.....	863,293	951,738	222,735	191,236	208,199	72	71	407	430
Tennessee.....	850,951	922,755	220,559	192,963	227,253	73	79	539	632
Alabama.....	580,087	690,061	121,115	100,818	125,292	37	48	282	367
Mississippi.....	293,647	313,970	79,861	62,408	73,225	31	36	173	191
<b>West South Central.....</b>	<b>5,028,077</b>	<b>5,397,745</b>	<b>1,149,357</b>	<b>1,002,389</b>	<b>1,194,910</b>	<b>81</b>	<b>93</b>	<b>2,691</b>	<b>2,891</b>
Arkansas.....	366,944	360,189	118,178	86,676	93,421	46	46	199	210
Louisiana.....	694,367	760,503	137,610	132,735	166,130	62	78	392	495
Oklahoma.....	1,173,051	1,249,638	278,912	241,463	280,937	99	110	571	606
Texas.....	2,793,715	3,027,418	614,667	541,525	654,422	90	106	1,434	1,730
<b>Mountain.....</b>	<b>1,640,855</b>	<b>1,796,989</b>	<b>456,198</b>	<b>445,492</b>	<b>529,307</b>	<b>119</b>	<b>140</b>	<b>362</b>	<b>468</b>
Montana.....	181,485	190,152	59,238	55,351	66,817	103	122	■	114
Idaho.....	134,096	■	54,822	49,201	61,927	110	128	68	116
Wyoming.....	85,233	89,402	28,049	28,346	32,326	123	138	49	80
Colorado.....	717,589	773,792	183,250	179,063	201,384	171	188	300	344
New Mexico.....	84,722	109,863	21,580	23,100	31,071	53	74	■	60
Arizona.....	156,261	180,443	33,194	36,064	47,406	80	115	86	93
Utah.....	231,113	254,367	63,106	60,082	71,589	116	138	120	166
Nevada.....	48,356	51,690	12,969	15,275	17,694	164	175	21	28
<b>Pacific.....</b>	<b>6,363,289</b>	<b>9,201,928</b>	<b>1,689,746</b>	<b>1,753,615</b>	<b>2,050,875</b>	<b>206</b>	<b>232</b>	<b>2,997</b>	<b>3,565</b>
Washington.....	1,029,949	1,060,423	299,109	276,530	314,953	174	190	560	605
Oregon.....	599,201	638,654	185,171	166,639	180,501	170	176	307	330
California.....	6,734,069	1,502,851	1,205,466	1,310,446	1,555,421	219	253	2,180	2,632

<sup>1</sup> Based on population estimates as of Jan. 1, 1933, and July 1, 1937.

<sup>2</sup> Excludes 44,000 miles of single wire and 29,000 telephones on 11,789 connecting lines having fewer than 5 telephones per line.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Telephones and Telegraphs. Survey discontinued.

# No. 518.—TELEPHONE SYSTEMS—SELECTED DATA OF CLASS A AND CLASS B CARRIERS, BY STATES AND OTHER AREAS: 1946

[For year ending Dec. 31. Class A carriers are those having average annual operating revenues exceeding \$100,000; Class B, those exceeding \$50,000 but not more than \$100,000]

STATE AND OTHER AREA	Miles of wire in cable	Miles of aerial wire	Central offices	AVERAGE NUMBER OF CALLS PER MONTH (thousands) <sup>1</sup>		TELEPHONES		Taxes (thousands) <sup>2</sup>
				Local	Toll	Business	Residential	
<b>Grand total.....</b>	<b>105,256,088</b>	<b>4,802,909</b>	<b>9,316</b>	<b>4,012,546</b>	<b>171,322</b>	<b>9,594,087</b>	<b>18,234,914</b>	<b>\$273,262</b>
<b>States, total.....</b>	<b>104,988,719</b>	<b>4,778,948</b>	<b>9,207</b>	<b>3,996,124</b>	<b>170,850</b>	<b>9,556,439</b>	<b>18,187,148</b>	<b>151,553</b>
Alabama.....	820,036	97,954	95	49,543	1,197	76,718	153,086	987
Arizona.....	228,531	56,057	40	15,115	443	39,767	56,876	593
Arkansas.....	389,539	74,267	78	25,055	733	50,175	86,352	610
California.....	9,957,357	231,590	622	322,687	16,675	896,205	1,439,449	13,872
Colorado.....	795,830	113,835	175	43,037	1,782	104,548	205,492	1,440
Connecticut.....	2,474,243	39,490	111	72,533	5,568	182,423	419,836	1,975
Delaware.....	364,942	6,682	30	10,870	557	27,074	54,563	153
District of Columbia.....	1,535,373		23	48,988	858	192,287	193,830	1,550
Florida.....	1,152,056	91,835	75	45,364	1,213	142,012	135,567	1,905
Georgia.....	1,301,717	136,268	143	72,056	1,405	118,999	225,453	1,588
Idaho.....	120,682	58,159	85	13,393	450	29,069	64,256	475
Illinois.....	7,994,702	138,769	320	252,663	14,628	754,062	1,313,124	14,181
Indiana.....	2,400,373	154,514	234	100,529	3,381	183,523	476,158	3,337
Iowa.....	1,136,365	153,732	191	60,119	1,711	102,236	289,973	1,324
Kansas.....	1,020,745	169,126	235	48,060	1,226	97,237	250,728	1,411
Kentucky.....	928,591	101,381	170	46,642	1,079	75,982	186,656	1,125
Louisiana.....	1,124,364	107,128	126	71,945	1,280	111,542	215,368	2,048
Maine.....	550,909	59,917	138	22,244	1,332	47,176	130,605	706
Maryland.....	1,849,944	65,952	161	54,932	2,410	149,837	324,976	2,574
Massachusetts.....	4,691,316	57,640	314	165,455	9,438	396,767	905,349	6,121
Michigan.....	5,507,653	158,322	433	209,989	5,594	412,289	1,025,170	5,151
Minnesota.....	1,701,702	131,657	195	91,946	1,937	158,889	386,758	2,502
Mississippi.....	368,083	96,542	151	28,680	972	51,198	90,770	1,158
Missouri.....	2,977,338	151,790	295	124,430	2,385	246,415	495,569	3,214
Montana.....	148,417	58,224	88	12,737	281	29,762	59,983	437
Nebraska.....	670,856	117,869	240	41,870	825	68,701	176,994	1,110
Nevada.....	115,027	30,526	22	2,895	101	8,582	11,614	218
New Hampshire.....	335,404	42,748	106	13,590	1,017	32,210	93,529	367
New Jersey.....	5,245,083	53,402	216	116,439	17,480	389,830	782,478	7,949
New Mexico.....	134,864	46,292	50	10,527	246	27,799	35,742	246
New York.....	15,886,289	191,829	684	473,424	26,697	1,649,108	2,096,265	35,325
North Carolina.....	904,484	114,197	170	50,029	1,569	92,703	165,872	1,842
North Dakota.....	100,404	47,919	110	11,834	283	21,537	42,237	278
Ohio.....	6,691,901	178,991	460	239,405	5,012	457,183	1,177,908	6,760
Oklahoma.....	1,353,554	120,001	187	62,332	1,507	117,158	235,384	1,623
Oregon.....	851,762	72,164	151	42,490	1,596	101,377	171,917	1,609
Pennsylvania.....	8,349,737	132,917	523	262,426	17,496	646,625	1,446,725	4,416
Rhode Island.....	701,396	9,577	34	23,221	1,738	60,719	132,531	1,042
South Carolina.....	422,179	74,481	66	23,502	651	41,124	74,878	738
South Dakota.....	115,556	64,074	131	11,863	298	23,692	59,741	287
Tennessee.....	1,352,936	132,667	198	93,400	1,382	128,145	283,339	2,307
Texas.....	3,919,467	339,784	543	215,744	4,166	381,192	652,855	5,230
Utah.....	348,158	41,905	60	24,334	871	40,350	94,542	727
Vermont.....	131,738	42,980	85	8,568	639	19,962	56,523	151
Virginia.....	1,844,974	102,392	150	64,463	2,478	140,546	284,828	1,650
Washington.....	1,382,532	115,231	199	75,344	2,640	169,626	337,575	3,558
West Virginia.....	630,282	50,921	115	39,426	1,365	72,858	165,345	907
Wisconsin.....	1,781,160	108,726	136	73,020	2,086	172,731	389,162	2,672
Wyoming.....	178,078	36,524	43	6,965	169	16,549	33,217	255
Undistributed.....								168
U. S. Government.....								121,024
Canada, Dominion of.....	425	3,722						1
Cuba, Republic of.....	421							138
Hawaii, Territory of.....	200,739	13,253	42	11,344	354	24,444	36,929	267
Puerto Rico.....	65,784	6,986	67	5,078	118	13,204	10,837	279

<sup>1</sup> Partly estimated.

<sup>2</sup> Excludes amount of excise taxes collected by telephone carriers from users of telephone services.

Source: Federal Communications Commission; annual report, Statistics of the Communications Industry in the U. S.

**No. 514.—TELEPHONES—NUMBER AND WIRE MILEAGE IN ALL SYSTEMS, AND  
NUMBER OF TELEPHONES IN THE BELL SYSTEM: 1895 TO 1947**

DEC. 31—	Total tele- phones <sup>1</sup>	Total miles of wire <sup>1</sup>	Telephones in Bell System <sup>2</sup>	DEC. 31—	Total tele- phones <sup>1</sup>	Total miles of wire <sup>1</sup>	Telephones in Bell System <sup>2</sup>
1895.....	339,500	722,000	309,502	1932.....	<sup>3</sup> 17,424,406	<sup>3</sup> 87,677,686	17,341,000
1900.....	1,355,900	2,807,000	855,911	1933.....	16,711,000	87,000,000	16,693,000
1905.....	4,126,900	8,470,000	2,530,924	1934.....	16,869,000	86,800,000	16,797,000
1910.....	7,635,400	16,937,000	5,682,719	1935.....	17,424,000	87,200,000	17,354,000
1915.....	10,523,500	24,792,000	9,172,496	1936.....	18,433,000	88,100,000	18,362,000
1920.....	13,329,400	32,000,000	12,601,935	1937.....	<sup>3</sup> 19,453,401	<sup>3</sup> 90,831,421	19,386,000
1921.....	13,875,200	34,000,000	13,380,219	1938.....	19,963,000	92,850,000	19,885,000
1922.....	<sup>3</sup> 14,247,395	<sup>3</sup> 37,265,968	13,915,379	1939.....	20,831,000	95,150,000	20,764,000
1923.....	15,369,600	41,400,000	15,000,101	1940.....	21,928,000	99,250,000	21,861,000
1924.....	16,072,800	46,500,000	15,822,934	1941.....	23,521,000	105,550,000	23,451,000
1925.....	16,935,900	52,200,000	16,720,224	1942.....	24,919,000	108,300,000	24,853,000
1926.....	17,746,000	57,960,000	17,674,252	1943.....	26,381,000	108,000,000	26,315,000
1927.....	<sup>3</sup> 18,522,767	<sup>3</sup> 63,836,182	18,365,000	1944.....	26,859,000	109,000,000	26,843,000
1928.....	19,341,000	66,130,000	19,197,000	1945.....	27,867,000	110,700,000	27,853,000
1929.....	20,069,000	76,400,000	19,958,000	1946.....	31,611,000	116,600,000	31,697,000
1930.....	20,201,000	83,110,000	20,098,000	1947.....	34,897,000	125,500,000	34,854,000
1931.....	19,690,000	86,100,000	19,596,000				

<sup>1</sup> Partly estimated, except as indicated.

<sup>2</sup> Bell-owned and Bell-connecting (owned by other companies).

<sup>3</sup> From Bureau of the Census.

Source: American Telephone & Telegraph Co., New York, N. Y.; Annual Report and records.

**No. 515.—AMERICAN TELEPHONE & TELEGRAPH CO. AND PRINCIPAL TELEPHONE  
SUBSIDIARIES (BELL TELEPHONE SYSTEM)—SUMMARY: 1925 TO 1947**

[Figures are as of December 31]

ITEM	1925	1930	1935	1940	1945	1946	1947
Telephones (thousands) .....	11,910	15,187	13,373	17,484	22,446	25,709	28,507
Central offices (number) .....	6,147	6,689	6,806	7,052	7,374	7,501	7,727
Miles of pole line .....	394,529	428,212	407,454	399,838	420,009	432,287	451,736
Miles of wire, total (thousands).....	44,943	74,124	78,626	89,306	99,759	105,307	112,774
In underground cable .....	27,769	45,116	47,039	54,339	60,759	64,203	69,137
In aerial cable .....	12,635	23,777	26,425	30,307	33,966	35,704	37,807
Open wire .....	4,339	5,231	4,562	4,660	5,034	5,400	5,630
Percent total wire mileage in cable.....	90.3		94.2	94.8	95.0		94.8
Average daily telephone conversations, total (thousands) .....	50,141	64,034	60,290	79,303	90,548	105,762	1115,057
Local .....	48,051	61,150	58,066	76,660	85,877	100,401	1109,344
Toll and long distance .....	2,090	2,884	2,224	2,743	4,671	5,361	15,713
Total plant (thousand dollars) .....	2,566,809	4,028,386	4,187,790	4,747,674	5,702,057	6,294,419	7,348,803
Operating revenue (thousand dollars) .....	737,560	1,075,228	919,116	1,174,322	1,930,859	2,093,665	2,224,883
Taxes (thousand dollars) .....	58,113	84,732	94,507	184,770	399,917	257,416	245,655
Employees (number) <sup>2</sup> .....	335,868	391,746	268,754	323,701	474,627	617,154	663,089
American Tel. and Tel. Co., stock- holders (number) .....	302,179	567,694	657,465	630,902	683,697	695,600	723,374

<sup>1</sup> Excludes April and May which were affected by strikes.

<sup>2</sup> Includes employees of Western Electric Company and Bell Telephone Laboratories.

Source: American Telephone & Telegraph Co., New York, N. Y.; Annual Report.

**No. 516.—TELEPHONE SYSTEMS—SUMMARY, CLASS A CARRIERS: 1926 TO 1946**

[Covers class A telephone carriers filing annual reports with F. C. C. Class A carriers are those whose average annual operating revenues exceeded \$100,000. Gross operating revenues of class A carriers (excluding intercompany duplications of Bell System) reporting in 1937 represented approximately 94 percent of revenues of all telephone carriers as reported for Census of Electrical Industries for that year. (See table 511.) Figures include data for carriers consolidated and merged for which annual data are available. Includes intercompany duplications, but data for 1942-46 excluding such duplications are shown in italics below]

[All money figures in thousands of dollars]

YEAR	Investment in telephone plant	Operating revenues	Operating ratio (per-cent) <sup>1</sup>	Net operating income	Net income	Dividends declared	Miles of wire (thousands) <sup>2</sup>	Number of telephones (thousands)	EMPLOYEES	
									Number on Dec. 31	Total compensation <sup>3</sup>
1926	2,981,218	881,633	67.00	212,068	247,623	190,094	54,541	14,413	323,217	432,210
1927	3,223,026	950,464	67.20	226,181	314,694	211,411	60,521	15,235	328,537	451,241
1928	3,489,592	1,034,540	69.95	250,487	309,196	234,542	65,944	16,081	350,747	488,539
1929	3,871,235	1,135,320	67.62	272,932	347,052	258,885	73,775	17,026	387,778	550,210
1930	4,227,787	1,169,150	68.91	264,309	341,756	294,352	80,660	17,139	347,106	655,951
1931	4,395,922	1,139,114	67.59	265,920	348,159	334,053	84,431	16,841	315,543	503,999
1932	4,434,965	1,013,002	68.26	218,441	289,401	336,383	86,013	15,024	285,195	439,474
1933 <sup>4</sup>	4,444,418	935,051	71.48	178,931	267,137	321,913	82,349	14,336	267,871	370,073
1934	4,453,724	946,477	70.44	186,930	251,841	308,875	82,224	14,660	266,443	386,703
1935	4,471,787	998,957	70.44	198,107	278,698	314,655	82,578	15,157	266,069	402,836
1936	4,548,692	1,078,431	67.07	233,594	302,840	347,042	83,344	16,087	281,877	434,195
1937 <sup>5</sup>	4,687,695	1,140,096	68.06	221,821	364,074	352,275	85,612	17,035	295,777	489,721
1938	4,796,844	1,142,798	68.78	204,702	324,037	338,642	87,574	17,489	286,528	502,618
1939	4,904,828	1,200,532	68.93	233,107	367,361	346,454	89,747	18,308	286,806	511,489
1940	5,071,277	1,272,065	68.13	237,391	385,806	349,651	93,688	19,336	304,565	537,148
1941	5,389,337	1,406,823	65.21	245,912	369,369	343,934	99,780	20,837	344,949	602,961
1942	5,648,246	1,589,283	64.24	231,133	329,707	333,903	102,357	22,163	359,466	670,274
1943 <sup>6</sup>	5,848,848	1,545,319	63.83	231,133	177,969	188,167	106,357	22,183	359,466	670,274
1943	5,745,128	1,778,118	64.25	241,937	361,896	339,551	102,065	23,539	368,127	761,711
1943 <sup>6</sup>	5,745,128	1,733,528	63.33	241,837	194,178	181,827	102,005	23,539	368,127	761,711
1944	5,852,848	1,903,385	64.82	231,174	340,767	342,770	102,748	23,898	364,967	806,599
1944 <sup>6</sup>	5,852,848	1,860,818	64.01	231,174	183,639	185,848	102,748	23,898	364,967	806,599
1945	6,050,982	2,074,354	64.50	274,193	353,201	355,762	104,267	24,814	398,263	936,060
1945 <sup>6</sup>	6,050,982	2,028,641	65.75	274,193	190,042	192,603	104,387	24,814	398,263	936,060
1946	6,681,967	2,250,971	76.15	263,634	397,426	369,501	110,029	28,308	525,175	1,306,431
1946 <sup>6</sup>	6,681,967	2,205,825	76.64	263,634	226,600	198,737	110,089	28,308	525,175	1,306,431

<sup>1</sup> Ratio of operating expenses to operating revenues.

<sup>2</sup> The decrease reflected in data shown for 1933 is due mainly to the fact that prior to that year the total of wire jointly owned with other companies was included, whereas from 1933 on, only the respondents' portion of jointly owned wire was included.

<sup>3</sup> Data for 1926 through 1932 include estimates.

<sup>4</sup> In comparing figures in this table, consideration should be given to the minor effect of revisions of Uniform System of Accounts, effective Jan. 1, 1933, and Jan. 1, 1937, resulting in certain changes in and rearrangements of both balance sheet and income statement.

<sup>5</sup> Excluding intercompany duplications.

<sup>6</sup> As of end of October.

Source: Federal Communications Commission; annual report, Statistics of the Communications Industry in the U. S.

**No. 517.—RADIOTELEPHONES—SUMMARY: 1937**

[Covers all companies and systems licensed by United States to engage in reception and transmission of commercial radiotelephone communications. Excludes radiotelephone stations such as amateur, experimental, Federal, police, fire, etc., which were not licensed to charge fees for receiving or sending calls. Survey covered U. S. licensees in United States, Alaska, Hawaii, and Puerto Rico, as well as those operating ship stations]

Number of companies or systems	27
Number of stations (as of Dec. 31)	132
Operating revenues applicable to the radio link (dollars)	1,212,073
Revenue calls, total number	147,896
Foreign traffic of the U. S. (calls subject to overseas regulations)	52,507
Ship traffic of the U. S. (calls subject to overseas, coastal, and harbor regulations)	28,409
Other traffic—Within the United States; <sup>1</sup> within Alaska; <sup>2</sup> within Hawaii; <sup>3</sup> within Puerto Rico; <sup>4</sup> Hawaii and Puerto Rico with other countries except continental U. S. and Alaska with ships...	66,980

<sup>1</sup> Calls originating, terminating, or relayed in United States.

<sup>2</sup> Originating calls only.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Telephones and Telegraphs. Survey discontinued.

### No. 518.—WIRE-TELEGRAPH CARRIERS (LAND LINE AND OCEAN CABLE)—SUMMARY: 1926 TO 1946

[All money figures in thousands of dollars. Figures show development of principal carriers filing annual reports with F. C. C. Includes carriers consolidated or merged for which annual report data are available. Includes intercompany duplications]

YEAR	Investment in plant and equipment	Operating revenues	Operating ratio (percent) <sup>1</sup>	Operating income	Net income	Dividends declared	Miles of wire (thousands)	Number of revenue messages transmitted (thousands) <sup>2</sup>	EMPLOYEES	
									Number on June 30	Total compensation <sup>3</sup>
1926	391,029	179,405	80.81	26,880	22,722	14,666	2,097	220,524	86,383	110,453
1927	410,708	176,675	80.09	27,559	22,851	14,102	2,219	229,610	82,831	105,895
1928	426,178	183,135	80.39	28,548	22,851	14,882	2,328	239,381	84,530	110,314
1929	440,748	195,141	81.87	29,784	25,473	22,312	2,376	250,523	94,451	123,673
1930	485,429	176,902	85.25	20,206	13,390	23,604	2,396	226,460	92,148	118,352
1931	497,171	147,684	87.00	14,264	5,923	17,652	2,363	194,407	79,124	98,194
1932	489,362	114,303	89.49	6,850	1,862	4,445	2,352	184,386	66,707	72,938
1933	500,375	113,520	84.58	12,319	4,004	2,800	2,357	153,657	63,871	67,178
1934	501,005	118,638	86.30	11,037	1,038	1,791	2,360	167,854	68,385	77,882
1935	500,417	121,785	83.91	14,384	4,175	4,300	2,362	173,862	65,946	71,966
1936	501,269	132,246	82.82	16,806	6,907	1,834	2,387	191,259	69,776	78,262
1937	503,604	134,599	86.60	10,607	1,126	3,082	2,389	199,938	73,177	84,991
1938	504,980	122,418	90.18	4,194	1,689	161	2,392	185,240	63,210	77,199
1939	502,038	127,395	87.68	7,733	1,433	264	2,397	188,081	61,493	78,211
1940	483,897	131,424	87.52	7,918	1,883	2,083	2,389	189,864	63,038	81,338
1941	486,765	140,264	84.28	11,912	6,201	2,811	2,400	209,025	70,052	90,855
1942	489,768	167,727	83.16	13,502	6,859	2,167	2,413	221,672	70,120	100,010
1943	424,865	193,162	84.29	17,679	3,692	2,901	2,422	229,938	71,743	120,316
1944	467,654	202,812	83.31	24,359	10,907	7,658	2,388	230,897	66,672	122,310
1945	466,420	208,694	88.72	14,251	1,509	2,453	2,363	242,049	65,188	137,845
1946	456,748	198,227	97.43	1,187	1,507	2,148	2,160	219,363	63,325	140,957
Western Union Tel. Co.: 1946	391,757	183,326	97.96	1,614	1,804	-----	2,088	212,899	59,280	141,279

<sup>1</sup> Ratio of operating expenses to operating revenue.

<sup>2</sup> Represents estimates by reporting carriers. Excludes stock and commercial news traffic and telephone toll messages. Mobile and foreign messages, domestic haul, excluded to avoid duplication.

<sup>3</sup> Data for 1926-33 include estimates by reporting carriers.

<sup>4</sup> Deficit or other reverse item.

<sup>5</sup> Includes net book cost of plant of Postal Telegraph, Inc., acquired by The Western Union Telegraph Co. in amount of \$16,754,000 on basis of gross book cost of \$69,320,000 less tentative allowance for depreciation of \$52,566,000.

<sup>6</sup> Represents operating income before deduction of income taxes.

<sup>7</sup> Not comparable with amount reported for Dec. 31, 1943, because of accounting adjustment for Postal Telegraph plant purchased by the Western Union Telegraph Co. Oct. 7, 1943; comparable 1943 amount is \$477,431,000.

<sup>8</sup> Includes \$3,536,000 charged to capital surplus.

<sup>9</sup> As of end of October.

Source: Federal Communications Commission; annual report, Statistics of the Communications Industry in the U. S.

### No. 519.—RADIOTELEGRAPH CARRIERS—SUMMARY: 1926 TO 1946

[All money figures in thousands of dollars. Figures show development of principal carriers filing annual reports with F. C. C. Includes intercompany duplications]

ITEM	1926	1930	1935	1940	1944	1945	1946
Investment in plant and equipment.....	15,800	25,930	29,961	29,735	26,837	28,572	24,016
Operating revenues.....	5,478	7,060	7,956	13,188	16,784	22,460	21,776
Operating expenses including depreciation.....	4,456	6,964	7,630	9,383	12,062	15,180	20,913
Operating ratio (percent) <sup>1</sup> .....	81.34	98.64	95.90	71.15	71.87	67.46	96.04
Operating taxes.....	( <sup>2</sup> )	185	198	1,497	5,485	6,800	773
Operating income <sup>3</sup> .....	1,010	72	35	3,319	4,803	7,173	469
Net income transferred to earned surplus.....	( <sup>4</sup> )	229	1,320	2,086	1,664	2,268	313
Dividends declared.....	( <sup>5</sup> )	-----	1,400	1,838	1,560	850	872
Revenue messages transmitted (thousands) <sup>6</sup> .....	2,685	5,151	6,621	8,569	6,880	10,518	12,672
Number of employees on June 30.....	1,266	2,119	2,641	3,097	3,340	3,880	4,989
Total compensation for year.....	2,211	2,809	3,946	5,791	10,245	14,217	17,833

<sup>1</sup> In comparing data for 1940-46 with prior years, consideration should be given to changes in reporting requirements due to the uniform system of accounts effective Jan. 1, 1940.

<sup>2</sup> Ratio of operating expenses to operating revenues. <sup>3</sup> Data not available.

<sup>4</sup> Beginning 1940, figures are before deduction of income taxes. <sup>5</sup> Deficit.

<sup>6</sup> Includes \$400,000 charged to surplus arising from reduction of capital stock

<sup>7</sup> Includes \$150,000 and \$246,000 charged to capital surplus during years 1940 and 1944, respectively.

<sup>8</sup> Includes data estimated by reporting carriers.

<sup>9</sup> As of end of October.

<sup>10</sup> Includes estimated data.

Source: Federal Communications Commission; annual report, Statistics of the Communications Industry in the U. S.



No. 520.—WESTERN UNION TELEGRAPH CO.—LINE AND WIRE MILEAGE, OFFICES AND FINANCES: 1867 TO 1947

YEAR ENDING—	Miles of pole line and cable	Miles of wire	Number of offices <sup>1</sup>	Receipts	Expenses	Net income <sup>2</sup>
June 30—				<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1867.....	46, 270	85, 291	2, 565	6, 568, 925	3, 944, 006	2, 624, 920
1870.....	54, 109	112, 191	3, 972	7, 138, 738	4, 910, 772	2, 227, 966
1875.....	72, 833	179, 496	6, 565	9, 564, 575	6, 335, 415	3, 229, 158
1880.....	85, 645	233, 534	9, 077	12, 782, 895	6, 948, 957	5, 833, 938
1885.....	147, 500	462, 283	14, 184	17, 706, 834	12, 005, 910	5, 700, 924
1890.....	183, 917	678, 997	19, 382	22, 387, 029	15, 074, 304	7, 312, 725
1895.....	189, 714	802, 651	21, 360	22, 218, 019	16, 076, 630	6, 141, 389
1900.....	192, 705	933, 153	22, 900	24, 758, 570	18, 593, 206	6, 165, 364
1905.....	200, 224	1, 184, 557	23, 814	29, 033, 635	21, 845, 570	7, 188, 065
1910.....	214, 360	1, 429, 049	24, 825	33, 889, 202	26, 614, 302	7, 274, 900
Dec. 31—						
1915.....	238, 940	1, 610, 709	25, 142	52, 475, 721	40, 972, 541	11, 503, 180
1920.....	246, 214	1, 449, 710	24, 881	121, 473, 685	108, 134, 041	13, 339, 644
1925.....	246, 307	1, 635, 236	24, 428	129, 151, 617	112, 861, 832	16, 289, 785
1928.....	255, 088	1, 889, 632	24, 842	139, 387, 321	123, 817, 517	15, 569, 804
1929.....	256, 044	1, 934, 020	25, 061	148, 449, 854	132, 872, 815	15, 577, 039
1930.....	256, 763	1, 948, 938	24, 298	133, 285, 751	123, 987, 519	9, 248, 232
1931.....	258, 652	1, 913, 485	23, 490	110, 547, 245	104, 572, 745	5, 974, 500
1932.....	258, 020	1, 899, 174	21, 950	84, 581, 963	85, 412, 568	<sup>3</sup> 850, 605
1933.....	257, 274	1, 902, 327	21, 261	84, 993, 425	80, 628, 543	4, 364, 882
1934.....	255, 781	1, 902, 799	21, 078	88, 757, 205	86, 514, 121	2, 243, 084
1935.....	254, 691	1, 905, 858	20, 964	91, 389, 312	86, 131, 234	5, 258, 078
1936.....	253, 745	1, 908, 915	20, 968	100, 036, 603	92, 837, 483	7, 199, 120
1937.....	253, 367	1, 913, 452	20, 445	102, 076, 710	98, 750, 941	3, 325, 769
1938.....	252, 258	1, 914, 499	20, 025	93, 241, 467	94, 879, 346	<sup>3</sup> 1, 657, 879
1939.....	250, 563	1, 913, 300	19, 543	97, 178, 917	95, 798, 803	1, 380, 114
1940.....	249, 343	1, 914, 615	19, 140	101, 277, 546	97, 655, 965	3, 621, 581
1941.....	248, 645	1, 928, 768	19, 025	115, 523, 473	108, 157, 233	7, 366, 240
1942.....	247, 509	1, 941, 411	18, 677	133, 548, 642	124, 194, 200	9, 354, 442
1943.....	<sup>4</sup> 279, 016	<sup>4</sup> 2, 345, 384	18, 866	<sup>5</sup> 161, 632, 377	<sup>5</sup> 154, 397, 369	7, 235, 008
1944.....	276, 848	2, 316, 297	18, 874	<sup>5</sup> 186, 616, 582	<sup>5</sup> 178, 959, 190	<sup>6</sup> 7, 657, 392
1945.....	276, 084	2, 291, 164	18, 687	<sup>5</sup> 194, 271, 046	<sup>5</sup> 189, 836, 541	<sup>6</sup> 4, 434, 505
1946.....	<sup>7</sup> 215, 892	<sup>7</sup> 2, 087, 687	18, 588	<sup>5</sup> 185, 189, 220	<sup>5</sup> 196, 189, 919	<sup>6</sup> 11, 000, 699
1947.....	<sup>7</sup> 167, 616	<sup>7</sup> 1, 786, 285	18, 238	<sup>5</sup> 208, 969, 995	<sup>5</sup> 199, 828, 649	9, 141, 346

<sup>1</sup> Excludes agency and commission offices, numbering 11,476 on Dec. 31, 1947.  
<sup>2</sup> Figures for 1915 and prior years represent net income before bond interest.    <sup>3</sup> Deficit.  
<sup>4</sup> Pole and wire mileages reflect acquisition on Oct. 7, 1943, of facilities of Postal Telegraph Companies.  
<sup>5</sup> Effective Jan. 1, 1943, the Federal Communications Commission prescribed a new system of accounts for telegraph carriers and receipts and expenses as stated above for 1943 and subsequent years are not fully comparable with results for prior years.  
<sup>6</sup> Net income from current operations, before extraordinary adjustments of income applicable to prior years.  
<sup>7</sup> Excludes controlled pole lines and wires no longer recorded in plant records.  
Source: Western Union Telegraph Co., New York, N. Y.; Annual Report.

No. 521.—STANDARD BROADCAST STATIONS AND NETWORKS: 1946

[All money figures in thousands of dollars. Total number of licenses for standard broadcast stations and permits for new stations outstanding on Dec. 31, 1946, was 1,520. Excludes data for 35 noncommercial stations, 2 stations which filed too late to be included, and 458 construction permits for new stations]

ITEM	Total	1015 commercial stations	<sup>4</sup> Nation-wide networks including their 10 key stations and 4 regional networks
Investment in tangible property devoted exclusively to broadcast service (depreciated cost).....	56, 426	<sup>1</sup> 47, 219	<sup>2</sup> 9, 207
Revenues from sale of time by networks and stations to advertisers and sponsors, including division of revenues from network time sales between networks and participating stations (before commissions).....	334, 079	240, 470	93, 609
Broadcast revenues <sup>3</sup> .....	322, 553	234, 543	88, 010
Broadcast expenses.....	246, 087	172, 915	73, 172
Broadcast income (before Federal income tax).....	76, 466	61, 628	14, 838
Employees in service Dec. 31, 1946.....	40, 026	32, 548	7, 478
Compensation for the year.....	137, 720	101, 016	36, 704

<sup>1</sup> Reported by 1014 stations.  
<sup>2</sup> Includes tangible broadcast property of 2 regional networks only.  
<sup>3</sup> Sale of station time less commissions, plus revenues from incidental broadcast services.  
Source: Federal Communications Commission; annual report, Statistics of the Communications Industry in the U. S.

## No. 522.—TELEGRAPH SYSTEMS, LAND AND OCEAN-CABLE—SUMMARY: 1912 TO 1937

[All money figures in thousands of dollars]

ITEM	ALL-SYSTEMS					LAND SYSTEMS					OCEAN-CABLE SYSTEMS				
	1912	1917	1922	1927	1932	1937	1922	1927	1932	1937	1922	1927	1932	1937	
Number of companies or systems <sup>1</sup>	28	28	25	25	23	23	19	18	17	17	17	7	6	6	
Miles of pole line <sup>2</sup>	247,528	241,128	252,991	246,809	253,576	253,576	262,991	254,720	256,213	250,690		2,089	440	2,690	
Miles of single wire, total <sup>3</sup>	1,814,196	1,890,246	1,853,250	2,145,897	2,327,832	2,327,832	1,845,337	2,138,259	2,259,827	2,301,532		7,838	6,227	26,306	
Aerial	( <sup>4</sup> )	1,809,482	1,718,251	1,940,069	1,956,003	1,963,596	1,714,311	1,936,611	1,952,432	1,971,851		3,458	3,571	11,745	
Underground	( <sup>4</sup> )	77,187	131,448	200,979	303,912	359,236	137,475	197,058	301,580	323,421		3,921	2,352	11,758	
Under-water, except ocean cable	( <sup>4</sup> )	3,576	3,551	4,849	6,139	9,057	3,561	4,590	5,555	6,260		259	304	2,797	
Nautical miles of ocean cable	67,676	71,251	76,711	90,074	96,468	103,671						99,074	96,468	103,671	
Nautical miles of single wire in ocean cable	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	105,413						( <sup>4</sup> )	( <sup>4</sup> )	105,413	
Number of offices	30,864	28,940	27,354	27,665	26,047	25,522	27,214	27,530	25,901	25,453		136	146	106,413	
Operated jointly with other companies	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )							( <sup>4</sup> )	( <sup>4</sup> )		
Messages sent, total (thousands)	20,247	23,321	21,935	21,491	19,201	19,201	21,933	21,490	19,589	19,200		11	5	1	
Governmental	109,378	127,074	191,131	223,522	218,116	218,116	181,619	216,856	147,941	206,967		13,397	10,437	11,129	
Full commercial rate	( <sup>4</sup> )	4,697	3,199	2,732	3,655	8,619	3,130	2,457	3,583	8,513		75	73	106	
Contract rate and free <sup>5</sup>	( <sup>4</sup> )	110,618	175,847	214,164	140,162	200,901	106,730	200,381	135,797	190,008		13,784	10,365	10,892	
Number of employees—June 30—	( <sup>4</sup> )	11,858	12,075	12,686	8,561	8,596	11,659	12,457	8,561	8,466		129		130	
Dec. 31—	( <sup>4</sup> )	64,723	68,632	81,498	66,723	78,457	62,399	74,903	60,953	68,034		6,595	5,790	5,403	
Salaries and wages	24,965	43,704	76,162	99,530	83,336	83,336	68,737	89,984	66,988	77,928		9,536	6,961	7,408	
Operating revenues	60,403	106,900	146,805	177,589	114,656	135,792	126,631	159,682	97,729	117,032		17,907	16,977	18,700	
Losses attributable to operations during year, total	1,197	5,397	6,894	7,065	4,427	6,964	5,573	5,183	4,054	6,357		1,321	1,393	1,698	
Federal	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	1,221	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	949		( <sup>4</sup> )	( <sup>4</sup> )	1,272	
Other	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	5,743	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	5,407		( <sup>4</sup> )	( <sup>4</sup> )	336	
Investment in plant and equipment	222,047	243,358	326,662	420,990	506,445	506,766	254,030	238,143	415,694	418,231		198,656	190,761	58,639	
Dividends paid	6,180	9,817	10,716	14,193	( <sup>4</sup> )	3,119	( <sup>4</sup> )	8,191	( <sup>4</sup> )	1,604		6,006	( <sup>4</sup> )	1,514	

<sup>1</sup> The Western Union Telegraph Co., which operates both land and ocean-cable systems, is counted as 2 companies.

<sup>2</sup> Exclusive of pole line owned and operated wholly by railway companies.

<sup>3</sup> Exclusive of wire owned and operated wholly by railway companies, as follows: Reported by all railway companies, 1912, 314,329 miles, reported by railway companies having annual operating revenues of \$1,000,000 or more, 1917, 344,110 miles; 1922, 286,002 miles; 1927, 333,898 miles; 1932, 337,059 miles; 1937, 318,116 miles.

<sup>4</sup> Not available.

<sup>5</sup> For land systems only.

<sup>6</sup> Excluding 31,102,577 lettersgrams not distributed according to rate.

<sup>7</sup> Number of employees includes 7,516 messengers whose wages are not included in amount given for salaries and wages.

<sup>8</sup> In addition, telegraph revenues amounting to \$28,999,000 were reported by companies primarily engaged in supplying telephone service.

<sup>9</sup> Data for ocean-cable business of Western Union Telegraph Co. included with those for land systems.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Telephones and Telegraphs. Survey discontinued.

No. 523.—UNITED STATES POSTAL SERVICE—SUMMARY: 1800 TO 1946

[Postal statistics, unless otherwise noted, include data for outlying Territories and possessions except Canal Zone. Excludes Philippine Islands for all years. Leaders indicate no data]

YEAR ENDING JUNE 30—	Num- ber of post offices	Mileage of post routes <sup>1</sup>	FINANCES (THOUSANDS OF DOLLARS)			Rev- enue per capita, dollars	MONEY ORDERS ISSUED (THOUSANDS OF DOLLARS)		Num- ber of ordi- nary postage stamps issued, millions	Num- ber of pieces of mail hand- led, mil- lions <sup>4</sup>
			Gross revenue	Gross expend- iture	Sur- plus (+) or def- icit (-) <sup>2</sup>		Domes- tic <sup>3</sup>	Inter- na- tional <sup>3</sup>		
1800.....	903	20,817	281	214	+67	.....	.....	.....	.....	.....
1810.....	2,300	36,406	552	496	+56	.....	.....	.....	.....	.....
1820.....	4,500	72,492	1,112	1,161	-49	.....	.....	.....	.....	.....
1830.....	8,450	115,176	1,851	1,933	-82	.....	.....	.....	.....	.....
1840.....	13,468	155,739	4,544	4,718	-175	0.27	.....	.....	.....	.....
1850.....	18,417	178,672	5,500	5,213	+287	.20	.....	.....	2	.....
1860.....	28,498	240,594	8,518	19,171	-10,653	.27	.....	.....	216	.....
1865.....	20,550	142,340	14,556	13,695	+917	.42	1,360	.....	387	.....
1870.....	28,492	231,232	18,880	23,999	-5,098	.49	34,054	22	468	.....
1875.....	35,547	277,873	26,791	33,611	-6,820	.61	77,431	1,965	682	.....
1880.....	42,989	343,888	33,315	36,543	-3,222	.66	100,353	3,464	876	.....
1885.....	51,252	365,251	42,561	50,046	-7,481	.76	117,859	6,840	1,465	.....
1890.....	62,401	427,990	60,882	66,260	-5,401	.97	114,363	13,230	2,220	4,005
1895.....	70,064	456,026	76,983	87,180	-10,230	1.12	156,709	12,906	2,795	5,134
1900.....	76,688	500,989	102,355	107,740	-5,410	1.34	238,921	16,749	3,999	7,130
1905.....	68,131	486,805	152,827	167,399	-14,594	1.81	396,903	47,516	5,751	10,188
1908.....	60,704	450,738	191,479	208,352	-16,910	2.15	498,700	88,972	7,651	13,364
1909.....	60,144	448,618	203,562	221,004	-17,480	2.24	491,075	76,755	8,732	14,005
1910.....	59,580	447,998	224,129	229,977	-5,881	2.43	547,994	99,743	9,067	14,850
1911.....	59,237	435,488	237,880	237,649	+219	2.53	578,111	109,605	10,046	16,901
1912.....	58,729	436,469	246,744	248,525	-1,786	2.58	583,337	97,660	9,929	17,589
1913.....	58,020	436,293	266,620	262,068	+4,511	2.74	624,489	102,668	10,813	18,567
1914.....	56,810	435,597	287,935	283,544	+4,376	2.91	667,231	101,963	11,112	.....
1915.....	56,380	433,334	287,248	298,546	-11,333	2.85	656,139	60,772	11,226	.....
1916.....	55,935	425,950	312,058	306,204	+5,829	3.05	719,365	46,357	11,672	.....
1917.....	55,414	454,835	329,726	319,839	+9,836	3.18	813,319	41,645	12,452	.....
1918.....	54,347	465,371	388,976	324,834	+64,127	3.70	904,650	35,865	13,066	.....
1919.....	53,084	455,498	436,239	362,498	+73,735	4.11	1,109,613	39,766	15,020	.....
1920.....	52,641	435,342	437,150	454,323	-17,270	4.10	1,332,700	32,960	13,213	.....
1921.....	52,168	434,349	463,491	620,994	-157,518	4.28	1,305,370	24,399	13,870	.....
1922.....	51,950	454,901	484,854	545,644	-60,815	4.41	1,205,327	20,651	14,262	.....
1923.....	51,613	460,171	532,828	556,851	-24,065	4.78	1,376,461	34,119	15,478	23,055
1924.....	51,266	467,896	572,949	587,377	-14,464	5.08	1,510,705	50,615	15,954	24,358
1925.....	50,957	464,269	599,591	639,282	-39,745	5.28	1,532,567	52,650	17,387	25,835
1926.....	50,601	470,779	659,820	679,704	-19,972	5.63	1,590,486	63,172	16,333	25,494
1927.....	50,266	478,662	683,122	714,577	-31,506	5.76	1,647,580	68,952	16,000	26,687
1928.....	49,944	487,512	693,634	725,700	-32,121	5.78	1,630,157	71,520	16,676	26,837
1929.....	49,482	491,179	696,948	782,344	-85,461	5.73	1,658,443	76,113	16,917	27,952
1930.....	49,063	503,918	705,484	803,667	-98,216	5.75	1,714,576	72,708	16,269	27,888
1931.....	48,733	528,579	656,463	802,485	-146,066	5.29	1,559,549	62,228	15,559	26,544
1932.....	48,159	537,544	588,172	793,684	-205,551	4.71	1,536,889	48,849	14,651	24,307
1933.....	47,641	536,679	587,631	699,887	-112,375	4.67	1,647,421	35,116	11,917	19,868
1934.....	46,506	536,751	586,733	630,733	-44,034	4.64	1,776,740	30,041	12,526	20,626
1935.....	45,686	514,128	630,795	696,503	-65,808	4.94	1,820,957	30,429	13,610	22,332
1936.....	45,230	517,864	665,343	753,616	-88,316	5.18	1,918,293	31,449	13,835	23,571
1937.....	44,877	519,328	726,201	772,743	-46,615	5.62	2,107,002	33,979	15,109	25,801
1938.....	44,586	519,490	728,634	772,308	-43,812	5.58	2,146,753	33,516	14,912	26,042
1939.....	44,327	553,681	745,955	784,550	-38,692	5.69	2,047,930	29,949	15,074	26,445
1940.....	44,024	541,514	766,949	807,629	-40,784	5.84	2,094,543	21,668	16,381	27,749
1941.....	43,739	550,958	812,828	836,859	-24,118	6.11	2,357,013	16,863	16,381	29,236
1942.....	43,358	560,093	859,817	873,950	-14,139	6.39	3,101,923	14,743	19,492	30,118
1943.....	42,654	545,128	966,227	952,535	+13,692	7.08	4,435,620	17,557	19,124	32,818
1944.....	42,161	549,093	1,112,877	1,068,986	+43,891	8.05	4,571,573	29,981	19,106	34,931
1945.....	41,792	559,903	1,314,240	1,145,101	+169,139	9.41	4,810,300	38,137	20,240	37,912
1946.....	41,751	562,500	1,224,572	1,353,654	-129,082	8.69	4,748,066	38,738	19,180	36,318

<sup>1</sup> Excluding rural free delivery routes, ocean mail routes, and air-mail routes to foreign countries.  
<sup>2</sup> Audited postal surplus or deficit which is greater or less than excess of receipts or expenditures by the amount of adjusted losses and contingencies.  
<sup>3</sup> Domestic excludes and international includes foreign countries on domestic basis. See headnote, table 525.  
<sup>4</sup> Continental United States only. Data for years prior to 1926, except 1923, are estimates.  
<sup>5</sup> Postage stamps first issued under act of Mar. 3, 1847, and placed on sale at New York July 1, 1847.  
<sup>6</sup> From Nov. 1, 1864, when money-order system first went into operation, to June 30, 1865.  
<sup>7</sup> From Sept. 1, 1869, to June 30, 1870. International money orders first issued under convention of Oct. 12, 1867.  
<sup>8</sup> For 1918 includes \$44,500,000 and for 1919 \$71,292,000 war-tax revenue accruing from increased postage.

Source: Post Office Department, Annual Report of the Postmaster General.

No. 524.—POSTAL SERVICE REVENUES, BY SOURCE: 1920 TO 1946

[In thousands of dollars. For years ending June 30. See headnote, table 523]

ITEM	1920	1925	1930	1935	1940	1944	1945	1946
Total.....	437, 150	599, 591	705, 484	630, 795	766, 949	1,112,877	1,314,240	1, 224, 572
Ordinary postal revenue.....	424, 406	585, 333	686, 426	596, 358	732, 137	1,063,212	1,246,777	1, 174, 496
Stamps, postal cards, etc. <sup>1</sup> .....	379, 587	507, 572	574, 851	473, 407	521, 753	787, 836	953, 770	843, 417
Second-class postage paid in money (pound rates) <sup>1</sup> .....	25, 100	29, 619	28, 584	18, 431	23, 033	25, 945	25, 286	29, 796
Other postage paid in money under permit.....	12, 960	39, 301	73, 545	96, 206	176, 503	223, 220	252, 318	283, 011
Box rents.....	6, 145	7, 817	8, 539	6, 596	7, 931	9, 907	11, 033	12, 168
Miscellaneous.....	614	1, 024	907	3, 718	2, 917	6, 304	4, 371	6, 162
Money-order revenues.....	10, 314	12, 909	17, 496	20, 424	23, 995	41, 539	46, 671	35, 143
Revenue from postal savings.....	2, 430	1, 349	1, 562	12, 013	10, 817	18, 126	20, 792	14, 935

<sup>1</sup> For volume of this item, see table 529.

No. 525.—POSTAL MONEY-ORDER BUSINESS—SUMMARY: 1920 TO 1946

[For years ending June 30. See headnote, table 523. For revenues from money orders, see table 524. For value of orders issued for other years, see table 523. Money orders are exchanged on a domestic basis not only within this country, but with its outlying possessions, Canada, Cuba, and numerous islands and minor countries neighboring the United States. International-basis orders are exchanged between United States and its outlying possessions, on one hand, and other than "domestic basis" foreign countries, on the other. In this table, however, "International" includes money orders exchanged between United States and "domestic basis" foreign countries, and these are not included in "Domestic"]

ITEM	1920	1925	1930	1935	1940	1944	1945	1946
Number of money-order offices.....	54, 395	54, 269	54, 161	53, 106	50, 705	53, 915	53, 435	48, 510
DOMESTIC <sup>1</sup>								
Orders issued:								
Number (1,000).....	148, 491	197, 054	202, 273	212, 737	254, 861	305, 452	281, 317	269, 829
Amount (1,000 dollars).....	1, 332, 700	1, 532, 567	1, 714, 576	1, 820, 957	2, 094, 543	4, 571, 573	4, 810, 300	4, 748, 066
Orders paid:								
Number (1,000).....	147, 520	196, 038	201, 453	212, 651	254, 484	313, 225	288, 984	266, 271
Amount (1,000 dollars).....	1, 333, 046	1, 531, 597	1, 713, 681	1, 821, 152	2, 090, 779	4, 660, 555	4, 829, 242	4, 671, 642
Excess of issues: <sup>2</sup>								
Number (1,000).....	971	1, 015	820	85	377	-7, 774	-7, 667	3, 558
Amount (1,000 dollars).....	-346	970	895	-194	3, 765	-88, 981	-18, 941	76, 424
INTERNATIONAL <sup>3</sup>								
Total								
Orders issued:								
Number (1,000).....	1, 852	2, 966	3, 978	2, 456	1, 964	1, 602	1, 974	1, 806
Amount (1,000 dollars).....	32, 960	52, 650	72, 708	30, 429	21, 668	29, 981	38, 137	38, 738
Orders paid:								
Number (1,000).....	1, 508	1, 765	2, 161	1, 283	1, 344	1, 052	948	1, 074
Amount (1,000 dollars).....	25, 362	19, 765	25, 825	13, 641	13, 288	16, 846	10, 702	13, 789
Excess of issues:								
Number (1,000).....	343	1, 201	1, 817	1, 167	621	550	1, 026	734
Amount (1,000 dollars) <sup>2</sup> .....	7, 598	32, 886	46, 883	16, 788	8, 380	13, 136	27, 435	24, 949
Foreign "Domestic Basis"								
Paid in foreign countries:								
Number (1,000).....	601	938	1, 034	614	641	805	1, 104	957
Amount (1,000 dollars).....	9, 568	16, 920	20, 921	8, 180	8, 548	12, 389	17, 030	17, 879
Paid in the United States:								
Number (1,000).....	1, 246	1, 496	1, 751	939	1, 133	981	867	931
Amount (1,000 dollars).....	17, 916	15, 118	17, 935	8, 342	11, 182	16, 165	9, 882	11, 210

<sup>1</sup> Excludes foreign countries on "domestic basis."  
<sup>2</sup> Minus sign indicates excess of payments.  
<sup>3</sup> Includes foreign countries on "domestic basis," shown separately below.

Source of tables 524 and 525: Post Office Department, Annual Report of the Postmaster General.

# Table 526.—Transportation Service, 1914-1915

For description of columns, see table 527. Figures are in thousands of dollars, unless otherwise indicated.

Year	1914	1915	1916	1917	1918	1919	1920	1921	1922
Service in post office zone	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Regular service	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Emergency and side service	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Transfer service	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
All other service	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Railway mail service	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Air mail service	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Transportation in post office zone	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Regular service	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Emergency and side service	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Transfer service	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
All other service	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Post office zone service	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

1. Post office zone service includes all service in the post office zone.

## Table 527.—Transportation Service, 1914-1915

For description of columns, see table 526. Figures are in thousands of dollars, unless otherwise indicated.

Class of service and year	1914	1915	1916	1917	1918	1919	1920	1921	1922
<b>Steam railway service:</b>									
Length of routes (miles)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Annual travel (thousand miles)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Annual rate of expenditure (thousand dollars)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Average cost per unit mile traveled (cents)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
<b>Electric railway service:</b>									
Number of routes	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Length of routes (miles)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Annual travel (thousand miles)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Annual rate of expenditure (thousand dollars)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Average cost per unit mile traveled (cents)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
<b>Power boat service:</b>									
Number of routes	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Length of routes (miles)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Annual travel (thousand miles)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Annual rate of expenditure (thousand dollars)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Average cost per mile traveled (cents)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
<b>Air mail service:</b>									
Length of routes (miles)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Miles traveled with mail (thousands)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Mail carried (million pound-miles)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Cost of service (thousand dollars)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Average cost per mile (dollars)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

<sup>1</sup> Annual expenditure (regular authorizations) represents estimated cost for transporting material and traffic over regular routes only, based on contracts outstanding at end of each fiscal year. Annual cost for emergency and side and transfer service. Average rates based on regular authorizations.

<sup>2</sup> For expenditures for Railway Mail Service, see table 526.

<sup>3</sup> Subject to revision. <sup>4</sup> Not computed.

Source of tables 526 and 527: Post Office Department, Annual Report of the Postmaster General.



No. 528.—DELIVERY SERVICE—CITY AND RURAL FREE DELIVERY AND STAR-ROUTE SERVICE: 1870 TO 1946

[See headnote, table 523. Free city delivery was instituted in 1863; rural free delivery in 1897. Star routes are mail routes between towns which are let on a contract basis. Star route and Air-Mail service in Alaska is not included here; data for 1946 as follows: Number of routes, 60; length, 10,669 miles; annual travel, 1,087,265 miles; annual rate of expenditure, \$371,442]

AS OF JUNE 30—	CITY FREE DELIVERY			RURAL FREE DELIVERY				STAR ROUTES	
	Number of offices	Number of carriers	Annual cost <sup>1</sup> (1,000 dollars)	Number of routes	Length of routes (miles)	Annual travel (1,000 miles)	Annual cost (1,000 dollars)	Number of routes (regular service)	Annual cost (1,000 dollars)
1870.....	51	1,362	1,231	-----	-----	-----	-----	7,295	5,050
1880.....	104	2,628	<sup>1</sup> 2,364	-----	-----	-----	-----	9,863	7,321
1890.....	454	9,066	<sup>1</sup> 7,978	-----	-----	-----	-----	15,887	5,321
1895.....	604	12,714	12,145	-----	-----	-----	-----	20,733	5,754
1900.....	796	15,322	14,671	1,259	28,685	-----	420	22,834	5,088
1905.....	1,144	21,778	20,923	32,110	721,237	-----	20,865	17,199	7,342
1910.....	1,492	28,715	31,738	41,079	993,068	303,007	36,915	13,425	6,928
1915.....	1,808	32,902	39,829	43,866	1,076,235	325,305	52,566	11,557	8,713
1920.....	2,086	36,142	62,841	43,445	1,151,832	348,627	75,795	10,739	11,106
1925.....	2,401	46,251	93,567	45,189	1,227,654	370,273	95,131	10,906	12,774
1929.....	2,970	52,719	122,515	43,840	1,316,420	398,444	105,906	11,695	13,969
1930.....	3,050	53,762	126,426	43,278	1,334,842	404,738	106,338	11,788	14,281
1931.....	3,098	53,387	126,179	42,412	1,354,759	412,382	106,471	12,089	14,532
1932.....	3,111	52,767	125,700	41,602	1,358,030	412,084	106,358	12,443	14,765
1933.....	3,111	51,229	107,410	40,013	1,365,712	414,417	93,787	12,596	14,301
1934.....	3,111	48,275	96,947	37,108	1,359,895	412,721	81,637	12,237	12,942
1935.....	3,111	49,084	111,648	34,848	1,355,078	411,361	90,425	11,853	11,357
1936.....	3,134	53,852	126,371	34,118	1,368,083	415,433	92,437	11,663	10,882
1937.....	3,173	54,944	133,908	33,601	1,377,088	418,248	91,799	11,572	10,800
1938.....	3,215	55,713	136,505	33,144	1,387,445	420,107	91,196	11,393	11,035
1939.....	3,236	56,617	139,493	32,839	1,392,657	421,854	91,170	11,462	10,848
1940.....	3,275	58,531	143,766	32,646	1,401,690	424,704	91,441	11,369	10,925
1941.....	3,298	61,085	149,759	32,445	1,411,753	427,756	91,504	11,407	11,267
1942.....	3,347	62,919	156,180	32,292	1,420,971	430,728	91,632	11,400	12,097
1943.....	3,408	58,602	170,879	32,179	1,425,860	432,281	96,500	11,258	14,284
1944.....	3,732	58,046	184,113	32,112	1,428,475	433,120	104,677	11,170	16,909
1945.....	3,884	57,993	190,574	32,106	1,435,059	435,209	107,046	11,201	18,558
1946.....	4,083	66,770	245,406	32,161	1,441,538	437,248	117,335	11,218	20,063

<sup>1</sup> Represents audited expenditures; in 1890 and 1890, some incidental expense included.

No. 529.—POSTAL SERVICE OPERATION—SUMMARY FOR PRINCIPAL ITEMS: 1925 TO 1946

[For years ending June 30. See headnote, table 523. For sales of postage stamps and other stamped paper and postage collected on second-class matter, see table 524]

ITEM	1925	1930	1935	1940	1944	1945	1946
Transactions in stamped paper:							
Ordinary postage stamps issued (millions).....	17,387	16,269	13,610	16,381	19,106	20,240	19,180
Stamped envelopes (millions).....	2,997	3,164	1,618	1,650	1,902	2,065	1,816
Postal cards issued (millions).....	1,497	1,643	1,754	2,257	1,913	2,282	2,478
Pieces of mail carried <sup>1</sup> (millions).....	25,835	27,888	22,332	27,749	34,931	37,912	36,318
Second-class matter carried:							
Free in county (1,000 pounds).....	69,195	75,326	57,560	60,626	58,748	59,787	64,747
Paid at pound rates (1,000 pounds).....	1,348,297	1,554,415	1,063,389	1,283,673	1,365,669	1,319,587	1,547,030
Foreign mails dispatched by sea:							
Letters, post cards (1,000 pounds).....	5,640	7,103	4,602	4,231	17,158	31,426	17,707
Other articles (1,000 pounds).....	66,229	83,377	53,056	62,257	206,946	474,160	328,039
Mail registered:							
Domestic, paid (1,000 pieces).....	70,512	76,489	41,318	40,533	<sup>2</sup> 90,301	<sup>2</sup> 81,094	<sup>2</sup> 74,040
International, paid (1,000 pieces).....	10,993	7,869	3,444	2,713	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Official, free (1,000 pieces).....	8,414	8,680	10,582	12,082	<sup>4</sup> 22,646	<sup>4</sup> 22,907	<sup>4</sup> 17,939
Registry fees (1,000 dollars).....	8,850	12,807	<sup>4</sup> 7,100	<sup>4</sup> 6,825	<sup>4</sup> 15,929	<sup>4</sup> 17,706	<sup>4</sup> 16,121
Mail insured:							
Domestic, parcel post (1,000 pieces).....	152,078	126,421	71,960	80,916	140,006	131,384	134,009
International (1,000 pieces).....	603	649	311	380	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Total fees paid (1,000 dollars).....	8,061	8,775	5,249	5,702	<sup>4</sup> 12,959	<sup>4</sup> 12,259	<sup>4</sup> 10,599
Mail sent C. O. D.:							
Total pieces sent (1,000).....	52,362	46,249	31,118	34,648	<sup>4</sup> 44,503	<sup>4</sup> 44,146	<sup>4</sup> 52,902
Total fees (1,000 dollars).....	5,562	5,825	4,296	4,748	<sup>4</sup> 7,930	<sup>4</sup> 10,830	<sup>4</sup> 12,364

<sup>1</sup> See note 4, table 523.  
<sup>2</sup> Includes "insured mail treated as registered mail," formerly included with regular insured mailings.  
<sup>3</sup> Not published.  
<sup>4</sup> Excludes data for international mail included in prior years.  
<sup>5</sup> Not including surcharges (effective July 1, 1932) amounting to \$3,815,000 in 1935, \$2,674,000 in 1940, \$5,824,000 in 1944, \$7,371,000 in 1945, and \$7,191,000 in 1946.

Source of tables 528 and 529: Post Office Department, Annual Report of the Postmaster General and records.



No. 580.—POSTAL SERVICE OPERATION—NUMBER OF OFFICES, MILEAGE OF RURAL ROUTES, AND GROSS RECEIPTS, BY STATES AND OTHER AREAS

DIVISION, STATE, AND OTHER AREA	Number of post offices, June 30, 1946	Mileage of rural free-delivery routes June 30, 1946	GROSS POSTAL RECEIPTS <sup>1</sup>					
			1930	1935	1940	1944	1945	1946
			In thousands of dollars for years ending June 30					
<b>Grand total</b> .....	41,751	1,441,539	685,351	595,661	729,780	1,048,201	1,243,674	1,169,603
<b>Continental United States</b> .....	41,347	1,441,479	684,610	591,800	726,172	1,034,236	1,218,094	1,150,888
<b>New England</b> .....	2,308	44,843	51,375	46,111	54,022	68,620	77,245	76,907
Maine.....	582	12,690	3,912	3,568	3,925	5,184	5,834	5,446
New Hampshire.....	334	6,471	2,286	2,216	2,718	3,491	3,815	3,856
Vermont.....	348	8,148	1,703	1,699	1,846	2,228	2,406	2,347
Massachusetts.....	570	8,520	29,627	25,890	29,796	36,923	42,120	41,038
Rhode Island.....	80	1,405	3,297	3,018	3,514	5,242	5,970	5,506
Connecticut.....	294	7,609	10,550	9,740	12,224	15,553	17,100	17,213
<b>Middle Atlantic</b> .....	4,965	117,999	194,927	164,613	185,635	267,357	324,915	303,314
New York.....	1,923	50,435	125,072	102,748	120,888	165,775	210,635	193,458
New Jersey.....	625	9,151	19,708	18,553	23,207	31,885	35,122	34,032
Pennsylvania.....	2,407	58,413	50,087	43,312	51,590	69,697	78,958	75,794
<b>East North Central</b> .....	5,657	311,948	175,745	150,346	180,346	237,681	259,651	255,658
Ohio.....	1,345	70,825	42,089	34,046	41,668	55,469	62,071	58,921
Indiana.....	905	59,771	15,613	13,388	16,810	23,237	26,745	24,914
Illinois.....	1,461	73,520	78,767	62,916	79,267	91,812	104,724	108,400
Michigan.....	1,019	55,502	24,133	20,048	26,870	36,863	42,109	40,423
Wisconsin.....	927	52,160	15,157	13,265	15,740	20,380	21,402	23,000
<b>West North Central</b> .....	6,345	334,973	30,841	66,928	76,171	98,320	111,234	108,481
Minnesota.....	1,034	55,287	17,614	15,089	17,600	21,902	24,880	24,914
Iowa.....	1,107	64,708	13,504	10,932	12,912	16,450	18,831	18,020
Missouri.....	1,468	62,508	28,968	22,748	25,806	33,198	37,517	36,898
North Dakota.....	603	29,171	2,721	2,562	2,747	3,211	3,583	3,569
South Dakota.....	580	25,334	2,750	2,433	2,614	3,346	3,685	3,671
Nebraska.....	671	37,681	7,279	6,217	6,925	9,144	10,397	10,043
Kansas.....	912	60,194	7,785	6,945	7,569	11,070	12,633	11,386
<b>South Atlantic</b> .....	7,108	206,495	52,293	51,213	55,939	107,465	124,843	114,310
Delaware.....	71	3,064	1,233	1,251	1,759	2,304	2,574	2,571
Maryland.....	552	11,914	8,519	7,706	9,435	12,239	15,328	14,398
Dist. of Columbia.....	1	149	6,047	6,307	8,242	14,062	18,637	17,270
Virginia.....	1,720	31,979	7,965	7,668	9,617	16,117	18,013	16,239
West Virginia.....	1,540	12,834	4,611	4,274	5,142	7,713	8,725	7,699
North Carolina.....	1,145	45,559	6,820	7,475	9,407	17,129	19,175	16,587
South Carolina.....	497	27,548	2,174	2,037	2,632	3,714	4,897	4,619
Georgia.....	911	57,339	9,220	8,452	10,630	16,480	18,631	17,533
Florida.....	671	16,090	5,674	5,023	6,875	15,803	18,561	17,593
<b>East South Central</b> .....	4,678	157,975	21,736	21,330	26,881	43,972	49,905	44,649
Kentucky.....	2,320	29,199	6,827	6,161	7,304	10,955	12,472	11,138
Tennessee.....	513	47,693	8,546	7,676	9,796	15,496	17,528	16,226
Alabama.....	906	42,159	5,108	4,524	6,961	10,421	11,991	10,633
Mississippi.....	739	38,734	3,255	2,979	3,820	7,099	7,914	6,672
<b>West South Central</b> .....	4,699	176,577	37,240	33,206	42,606	71,228	81,896	73,671
Arkansas.....	1,068	29,103	3,828	3,265	4,115	6,962	7,995	6,916
Louisiana.....	750	19,329	5,499	5,017	6,684	12,331	13,778	11,714
Oklahoma.....	867	45,090	7,272	6,217	7,375	11,223	13,032	11,614
Texas.....	1,994	63,055	20,634	18,707	24,433	40,822	47,080	43,326
<b>Mountain</b> .....	2,916	38,331	17,276	15,914	19,778	28,632	32,171	30,945
Montana.....	546	6,895	2,449	2,422	2,813	3,277	3,862	3,646
Idaho.....	399	7,374	1,513	1,498	1,879	2,468	2,815	2,770
Wyoming.....	273	1,248	963	962	1,169	1,568	1,811	1,661
Colorado.....	576	15,079	6,919	5,929	7,158	9,440	10,701	10,439
New Mexico.....	452	3,223	1,069	1,162	1,631	2,598	2,997	2,901
Arizona.....	253	2,152	1,532	1,456	1,990	3,737	4,228	3,603
Utah.....	292	2,181	2,347	1,928	2,434	4,363	4,591	4,397
Nevada.....	125	179	637	637	666	1,160	1,345	1,271
<b>Pacific</b> .....	2,591	52,318	51,378	48,823	64,743	121,112	155,142	143,126
Washington.....	668	16,993	8,719	8,026	9,954	18,752	21,402	19,683
Oregon.....	596	11,630	5,436	5,004	6,719	9,897	11,152	11,136
California.....	1,405	23,695	37,223	35,793	48,060	92,462	122,589	112,308
<b>Other offices</b> .....	284	59	1,740	2,868	3,608	13,964	27,579	19,523
Alaska.....	181	.....	104	96	.....	398	413	459
Guam.....	1	.....	3	3	13	.....	(?)	(?)
Hawaii.....	90	59	774	834	1,480	9,728	22,726	14,042
Puerto Rico.....	105	.....	527	568	809	1,689	2,499	1,947
Samoa (Tutuila).....	2	.....	(?)	(?)	(?)	(?)	(?)	(?)
Virgin Islands.....	6	.....	15	17	36	80	48	54
Philatelic agency.....	.....	.....	317	2,340	1,101	2,028	1,903	2,021

<sup>1</sup> Revenues from money-order business, postal savings, and certain miscellaneous items not included.

<sup>2</sup> Less than \$500.

Source: Post Office Department, Annual Report of the Postmaster General.

## 18. Power

Energy for supplying mechanical power, heat, light and refrigeration for the complex machinery and processes necessary to maintain productivity and comfort in the United States is derived primarily from coal, oil, water, natural gas, wood and waste, wind, certain basic chemical and physical reactions, and the rays of the sun. Of these between 15 and 20 percent of the coal, over 2 percent of the oil, practically all of the water, and 10 percent of the natural gas are converted to electricity for application to the energy requirements of our economic system.

Statistics on these various sources of energy are compiled by numerous agencies but only a few of the series are reasonably complete or arranged to avoid duplication in a manner that permits ready computation of total energy requirements. Oil, coal, natural gas, and wood yield many products as well as power and, consequently, enter into many statistical series.

Data on coal, oil, and natural gas production, utilization, and related subjects are compiled annually by the Bureau of Mines and are published in the Minerals Yearbook. Data on natural gas utilization and the production of manufactured gas from coal, oil, and related products, its utilization, and related statistics are published by the American Gas Association in its monthly bulletins and annual statistical numbers. Summaries of statistical material from these sources appear in this Abstract in section 27, Mining and Mineral Products.

Data on the production of electric energy by type of prime mover and showing the quantities of basic fuels—coal, oil, natural gas, and others—used in production, and the capacity of all generating plants by type of prime mover and related statistics are compiled and published annually by the Federal Power Commission. These data cover both generation for public use by electric utilities and for use by the producer where generated by non-utility establishments. Data on sales, revenues, and customers by classes of service, on rates and typical bills, and related matters are also published by the Commission. Monthly statistics on production, fuels used in production, sales by classes of service, salaries and wages, taxes, and other costs are also published and distributed by the Federal Power Commission in a loose-leaf current data series known as Electric Power Statistics. Statistics on the distribution of electric energy by utilities for public use are presented monthly and annually by the Edison Electric Institute in its Statistical Bulletins. Summaries of these statistics appear in the following tables.

Data on the use of power by manufacturing, extracting, and related industries are issued from time to time by the Bureau of the Census in its Censuses of Manufactures and Mineral Industries. For the period 1939 to 1946, data on the use of electric power by major industry groups were compiled and published by the Federal Power Commission in a report on Industrial Electric Energy. Statistics based on these studies appear in the sections on manufacturing and mineral industries in this Abstract.

Over-all statistics on water as an actual and potential source of power are compiled by the Federal Power Commission and are shown in table 542.

The Bureau of the Census in the Census of Electrical Industries compiled at five-year intervals beginning in 1902 a report on the Electric Light and Power Industry. The last survey made was for the year 1937. Summary statistics from this report are shown in table 538.

Data in this section relate to continental United States except as indicated.

### No. 531.—ENERGY FROM MINERAL FUELS AND WATER POWER—ANNUAL SUPPLY: 1889 TO 1946

[In trillions of British thermal units. Unit heat values employed are: Anthracite, 13,000 B. t. u. per pound; bituminous coal and lignite, 13,100 B. t. u. per pound; petroleum, 6,000,000 B. t. u. per barrel, natural gas, 1,075 B. t. u. per cubic foot. Water power includes installations owned by manufacturing plants and mines, as well as Government- and privately-owned public utilities. Fuel equivalent of water power calculated from kilowatt-hours of power produced wherever available, as is true of all public-utility plants since 1910. Otherwise, fuel equivalent calculated from reported horsepower of installed water wheels, assuming capacity factor of 20 percent for manufacturers and mines and of 40 percent for public utilities.]

PERIOD	TOTAL ENERGY		WATER POWER		MINERAL FUELS					
	Water power at constant fuel equivalent	Water power at prevailing central station equivalent	At constant fuel equivalent <sup>1</sup>	At prevailing central station equivalent <sup>1</sup>	Total	Coal			Petroleum (total crude, including that refined) <sup>2</sup>	Natural gas
						Total	Bituminous and lignite	Pennsylvania anthracite		
1889	4,316	( <sup>3</sup> )	91	( <sup>3</sup> )	4,225	3,746	2,607	1,239	211	<sup>4</sup> 268
1899	7,426	7,529	135	238	7,291	6,709	5,065	1,643	342	<sup>4</sup> 240
1900	7,905	8,009	146	250	7,759	7,123	5,503	1,600	382	<sup>4</sup> 254
1901-05 avg.	10,102	10,216	209	323	9,893	8,958	7,140	1,818	612	323
1906-10 avg.	13,807	13,974	369	477	13,498	11,990	9,783	2,207	1,037	470
1911-15 avg.	16,722	16,743	591	611	16,132	13,954	11,527	2,427	1,559	619
1916-20 avg.	20,648	20,505	851	708	19,797	16,504	12,961	2,523	2,473	820
1921-25 avg.	21,308	20,856	1,105	653	20,203	14,722	12,610	2,112	4,457	1,024
1926-30 avg.	25,002	24,006	1,781	785	23,221	15,679	13,595	2,084	6,782	1,740
1931-35 avg.	19,968	18,777	1,931	719	18,057	10,467	9,207	1,400	5,566	1,824
1936	24,367	22,923	2,256	812	22,111	12,989	11,504	1,485	6,792	2,330
1937	25,957	24,382	2,446	871	23,511	13,083	11,673	1,410	7,840	2,588
1938	22,765	21,165	2,466	806	20,299	10,387	9,132	1,255	7,444	2,408
1939	24,620	23,035	2,423	838	22,197	11,745	10,345	1,400	7,789	2,603
1940	27,327	25,587	2,620	880	24,707	13,472	12,072	1,400	8,375	2,860
1941	29,549	27,679	2,804	934	26,745	15,004	13,471	1,533	8,717	3,034
1942	32,099	29,720	3,485	1,136	28,584	16,908	15,267	1,641	8,304	3,282
1943	33,900	31,205	3,999	1,304	29,901	17,113	15,463	1,650	9,117	3,671
1944	36,451	33,635	4,160	1,344	32,291	17,966	16,233	1,733	10,336	3,960
1945	36,030	33,009	4,463	1,442	31,567	16,628	15,134	1,494	10,726	4,213
1946 <sup>5</sup>	35,353	32,379	4,380	1,406	30,973	15,635	13,980	1,646	10,936	4,402

<sup>1</sup> Assuming 4.02 pounds of coal per kilowatt-hour, average of central electric station practice in 1913, base period.

<sup>2</sup> Assuming average central-station practice for each year; declined from about 7.06 pounds of coal per kilowatt-hour in 1889 to 1.29 pounds in 1946.

<sup>3</sup> Includes imports.

<sup>4</sup> Not available.

<sup>5</sup> Based on amount of coal displaced by gas, as estimated by gas companies.

<sup>6</sup> Preliminary.

Source: Department of Interior, Bureau of Mines, Minerals Yearbook. Preliminary data published in annual report, Bituminous Coal and Lignite.

### No. 532.—CONSUMPTION OF FUELS BY ELECTRIC UTILITIES FOR PRODUCTION OF ELECTRIC ENERGY: 1920 TO 1947

[See headnote table 533. Use of fuels for stand-by purposes is included.]

CALENDAR YEAR	CONSUMPTION OF FUELS					Consumption of coal and coal equivalent of other fuels (thousand tons) <sup>1</sup>	Output by fuels <sup>2</sup> (million kilowatt-hours)	Consumption per kilowatt-hour (pounds)	
	Coal (thousand tons) <sup>1</sup>				Fuel oil (thousand barrels) <sup>3</sup>				Gas (million cubic feet)
	Total	Bituminous <sup>4</sup>	Anthracite	Lignite <sup>5</sup>					
1920	31,640	30,009	1,540		12,600	22,126	35,791	23,495	3.0
1925	35,615	33,803	1,812		9,794	45,472	40,014	39,443	2.0
1930	40,278	38,130	2,148		8,805	119,553	47,545	59,583	1.00
1935	32,716	30,926	1,779		11,267	124,118	40,797	56,689	1.44
1936	40,085	38,104	1,981		14,079	154,084	50,144	69,823	1.44
1937	42,930	41,045	1,884		13,829	169,127	53,500	74,602	1.44
1938	38,394	35,043	1,954	1,397	12,942	165,304	48,590	69,255	1.40
1939	44,529	40,821	2,235	1,483	17,139	188,877	57,598	83,628	1.38
1940	51,474	47,731	2,348	1,405	16,325	180,096	62,942	93,983	1.34
1941	62,668	58,686	2,780	1,202	20,077	201,763	76,700	113,272	1.34
1942	66,267	62,362	2,785	1,210	15,236	235,208	79,075	121,585	1.20
1943	77,301	73,072	3,265	963	17,966	301,937	98,275	143,785	1.30
1944	80,084	75,720	3,427	926	20,862	358,784	99,251	153,968	1.20
1945	74,725	70,621	3,122	982	20,228	326,212	92,642	142,331	1.30
1946	72,197	67,623	3,453	1,120	30,316	309,942	93,471	144,565	1.29
1947 (preliminary)	89,544	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	45,300	373,169	( <sup>6</sup> )	177,305	( <sup>6</sup> )

<sup>1</sup> Of 2,000 pounds.

<sup>2</sup> Lignite included with bituminous coal prior to 1938.

<sup>3</sup> Of 42 gallons

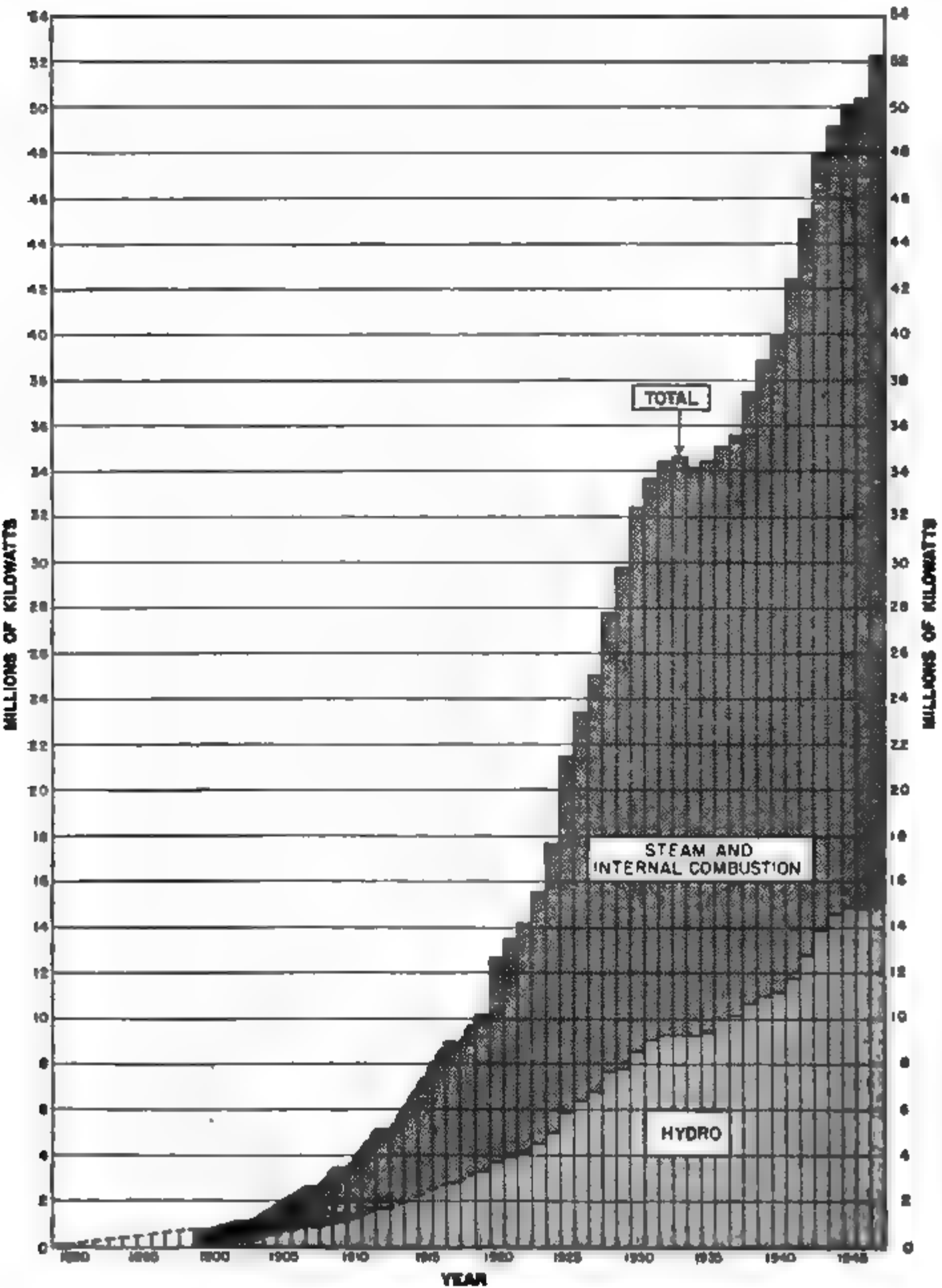
<sup>4</sup> Output by use of wood and waste not included.

<sup>5</sup> Not yet available.

Source: Federal Power Commission; based on Electric Power Statistics, 1920-40, and annual summaries, Consumption of Fuels for Production of Electric Energy.

FIGURE Q.—INSTALLED CAPACITY OF ELECTRIC UTILITY GENERATING PLANTS IN THE UNITED STATES: 1889 TO 1947

[See table 533]



Source: Federal Power Commission.

# **No. 533.—PRODUCTION OF ELECTRIC ENERGY AND CAPACITY OF GENERATING PLANTS, BY TYPE OF PRIME MOVER: 1920 TO 1947**

[Figures for 1946 in tables 532-536 for electric utilities (for public use) are based on operation of 2,854 power plants owned by 1,380 concerns. Production and capacity of plants owned by following classes of electric utility operators are included—privately owned electric utilities, municipal electric utilities, Federal power projects, cooperatives, power districts, State projects, and publicly owned noncentral stations. Industrial classification comprises production and capacity of 4,158 industrial electric power plants of 100 kilowatts and over in 1945, including amounts for stationary electric power plants of railroads and railways. Installed capacity as of Dec. 31]

YEAR	PRODUCTION (MILLIONS OF KILOWATT-HOURS)					INSTALLED CAPACITY (THOUSANDS OF KILOWATTS)				
	Total	Hydro	Steam	Internal combustion	Hydro as per cent of total	Total	Hydro	Steam	Internal combustion	Hydro as per cent of total
<b>TOTAL</b>										
1920	161,308					49,438				
1940	179,907					50,962				
1941	208,306					53,993				
1942	233,148					57,237				
1943	267,540	79,078	183,952	4,511	29.6	60,539	14,991	43,840	1,708	24.8
1944	279,525	78,905	195,664	4,956	28.2	62,066	15,606	44,637	1,733	25.2
1945	271,255	84,747	181,708	4,799	31.2	62,808	15,892	45,248	1,728	25.3
1946	269,609	83,150	186,459		30.8	63,066	15,828	45,442	1,795	25.1
1947 <sup>1</sup>	306,748	83,057	223,691		27.1	65,038	15,955	47,143	1,940	24.5
<b>INDUSTRIAL<sup>2</sup></b>										
1920	33,667					10,575				
1940	38,070					11,035				
1941	43,519					11,590				
1942	47,167					12,184				
1943	49,781	5,445	41,571	2,765	10.9	12,589	1,106	10,826	656	8.8
1944	51,336	4,959	43,337	3,040	9.7	12,877	1,110	11,098	671	8.6
1945	48,769	4,777	41,273	2,719	9.8	12,757	980	11,135	641	7.7
1946	46,431	4,744	41,687		10.2	12,749	980	11,129	640	7.7
1947 <sup>1</sup>	51,023	4,637	46,386		9.1	12,827	985	11,204	638	7.7
<b>ELECTRIC UTILITIES<sup>3</sup></b>										
1920	39,405	15,760	23,468	156	40.0	12,714	3,704	8,920	90	29.1
1925	61,451	21,796	39,367	288	35.5	21,473	5,922	15,368	183	27.6
1926	69,353	25,003	43,422	328	36.9	21,386	6,405	15,792	189	27.4
1927	75,418	28,474	46,615	329	37.8	25,079	6,802	18,078	199	27.1
1928	82,794	32,874	49,370	550	39.7	27,805	7,702	19,780	312	27.7
1929	92,180	33,648	58,966	567	35.4	29,839	7,813	21,704	322	26.2
1930	91,112	31,190	59,293	629	34.2	32,384	8,585	23,386	414	
1931	87,350	29,027	57,685	637	33.2	33,698	9,091	24,162	446	27.0
1932	79,393	32,878	45,923	563	41.4	34,387	9,258	24,646	483	26.9
1933	81,740	31,457	47,709	574	40.9	34,587	9,334	24,759	494	27.0
1934	87,258	32,684	53,938	635	37.5	34,119	9,345	24,253	521	27.4
1935	95,287	38,372	56,144	771	40.3	34,436	9,399	24,471	565	27.3
1936	109,316	39,658	69,350	899	35.7	35,082	10,037	24,441	603	28.6
1937	118,913	44,013	73,891	1,009	37.0	35,920	10,176	24,783	681	28.6
1938	113,812	44,279	68,423	1,110	38.9	37,492	10,657	26,066	769	28.4
1939	127,642	43,564	82,784	1,294	34.1	38,863	11,004	27,000	850	28.3
1940	141,837	47,321	93,002	1,514	33.4	39,927	11,224	27,775	928	28.1
1941	164,788	50,863	112,319	1,608	30.9	42,405	11,817	29,599	989	27.9
1942	185,979	63,871	120,479	1,630	34.3	45,053	12,842	31,169	1,042	28.5
1943	217,750	73,632	142,381	1,746	33.8	47,951	13,884	33,015	1,053	29.0
1944	229,189	73,945	152,327	1,916	32.4	49,169	14,586	33,541	1,052	29.7
1945	222,486	79,970	140,435	2,081	35.9	50,111	14,912	34,113	1,087	29.8
1946	223,478	78,406	142,412	2,360	35.1	50,317	14,848	34,313	1,155	29.6
1947 <sup>1</sup>	255,725	78,420	177,306		30.7	52,211	14,970	35,939	1,302	28.7

<sup>1</sup> Preliminary.

<sup>2</sup> Series started with 1930 data. Detail by type of prime mover first available for 1943.

<sup>3</sup> For public use.

Sources: Federal Power Commission; annual reports, Production of Electric Energy and Capacity of Generating Plants, 1946, and Industrial Electric Power in the United States, 1939-46; also, related 1947 monthly reports.

**No. 534.—PRODUCTION OF ELECTRIC ENERGY AND CAPACITY OF GENERATING PLANTS,  
BY CLASS OF OWNERSHIP: 1920 TO 1946**

[See headnote, table 533]

YEAR	Total	ELECTRIC UTILITIES (FOR PUBLIC USE)						Industrial plants
		Total	Privately owned	Publicly owned				
				Municipal	Federal	Cooperatives, power districts, State projects	Non-central stations	
Millions of kilowatt-hours								
PRODUCTION								
1920		39,405	37,716	1,373	58	94	163	
1925		61,451	58,685	2,302	103	172	180	
1926		69,353	65,480	2,833	518	335	186	
1927		75,418	70,920	3,051	668	536	242	
1928		82,794	78,207	3,245	356	612	373	
1929		92,180	87,514	3,498	300	451	418	
1930		91,112	86,106	3,604	465	518	416	
1931		97,350	82,597	3,435	497	421	401	
1932		79,393	74,488	3,517	445	572	371	
1933		81,740	76,668	3,583	458	654	377	
1934		87,258	82,079	3,834	357	565	423	
1935		95,287	89,330	4,229	565	732	442	
1936		109,316	102,293	4,706	1,073	801	444	
1937		118,913	110,464	5,270	1,843	863		
1938		113,812	104,090	5,237	3,029	904	463	
1939	161,809	127,642	115,078	5,088	5,476	944	456	23,867
1940	179,907	141,837	125,411	5,188	8,584	1,175	479	38,070
1941	208,306	164,788	144,290	7,023	10,794	2,192	490	43,519
1942	233,146	185,979	158,052	7,610	16,893	2,848	576	47,167
1943	267,540	217,759	180,247	9,223	24,485	3,156	648	49,781
1944	279,525	228,189	185,850	9,637	28,866	3,066	770	51,336
1945	271,255	222,486	180,926	9,624	26,001	3,146	790	48,769
1946	269,609	223,178	181,020	10,801	26,960	3,598	800	46,431
Thousands of kilowatts								
INSTALLED CAPACITY								
1920		12,714	12,042	601	10	21	50	
1925		21,472	20,045	1,126	198	49	56	
1926		23,386	21,819	1,204	306	99	59	
1927		25,079	23,418	1,210	209	131	112	
1928		27,806	26,990	1,347	213	139	116	
1929		29,839	27,953	1,424	214	138	111	
1930		32,364	30,285	1,601	226	164	118	
1931		33,408	31,498	1,696	231	154	119	
1932		34,387	32,083	1,828	232	155	129	
1933		34,587	32,163	1,879	232	171	141	
1934		34,119	31,547	1,983	288	182	138	
1935		34,436	31,820	2,002	300	175	139	
1936		35,082	31,787	2,164	604	184	144	
1937		35,620	31,958	2,476	633	207	146	
1938		37,452	33,246	2,631	1,156	310	149	
1939	49,438	38,863	33,908	2,807	1,650	333	164	10,575
1940	50,962	39,927	34,399	2,977	1,944	435	173	11,035
1941	53,995	42,405	36,041	3,158	2,371	666	168	11,500
1942	57,237	45,053	37,442	3,331	3,216	868	196	12,184
1943	60,539	47,951	39,128	3,419	4,322	863	199	12,589
1944	62,066	49,189	39,733	3,447	4,886	886	237	12,877
1945	62,868	50,111	40,307	3,586	5,081	891	245	12,757
1946	63,066	50,317	40,335	3,708	4,920	1,102	253	12,749

<sup>1</sup> Industrial series started with 1939 data.

Source: Federal Power Commission; annual reports, Production of Electric Energy and Capacity of Generating Plants, 1946, and Industrial Electric Power in the United States, 1939-46; also, related 1947 monthly reports.



**No. 535.—GENERATING PLANTS—INSTALLED CAPACITY OF ELECTRIC UTILITIES AND INDUSTRIAL PLANTS, BY TYPE OF PRIME MOVER AND BY CLASS OF OWNERSHIP, BY STATES: 1946**

[In thousands of kilowatts. See headnote, table 533]

DIVISION AND STATE	Total	TYPE OF PRIME MOVER				CLASS OF OWNERSHIP				Industrial plants
		Electric utilities and industrial		Electric utilities		Electric utilities				
		Fuel	Hydro	Fuel	Hydro	Total	Privately owned	Publicly owned		
								Municipal	Other	
United States	63,066	47,237	15,828	25,468	14,849	66,317	40,335	3,706	4,274	12,749
New England	4,426	3,269	1,167	2,295	992	3,188	3,070		29	1,219
Maine	548	174	372	87	247	333	330	2	1	212
New Hampshire	395	112	283		233	302	301	2		92
Vermont	198	24	174	14	160	174	165	9	(1)	25
Massachusetts	1,923	1,704	219	1,161	163	1,324	1,256	64	4	598
Rhode Island	369	347	12	280	3	283	276		7	76
Connecticut	1,006	899	107	684	87	771	742	21	8	235
Middle Atlantic	13,458	11,789	1,669	8,948	1,591	10,638	10,366	152	29	3,919
New York	6,517	5,286	1,232	4,234	1,160	5,395	5,298	81	16	1,123
New Jersey	2,000	1,990	10	1,567	7	1,574	1,547	24	3	428
Pennsylvania	4,939	4,513	426	3,146	423	3,570	3,521	47	1	1,370
East North Central	14,891	14,074	817	10,837	738	11,574	10,532	873	171	3,316
Ohio	4,131	4,116	16	3,247	12	3,259	2,981	271	8	871
Indiana	2,180	2,113	37	1,571	35	1,607	1,378	226	1	543
Illinois	3,749	3,695	54	3,062	49	3,111	2,960	112	39	634
Michigan	3,388	3,005	383	2,022	365	2,387	2,046	197	104	1,001
Wisconsin	1,474	1,147	327	935	277	1,212	1,127	66	19	262
West North Central	4,084	3,469	617	2,957	563	3,520	2,463	694	363	568
Minnesota	976	804	172	636	126	762	611	142	9	215
Iowa	894	761	133	652	133	785	668	116	11	109
Missouri	947	796	151	674	151	825	685	134	6	122
North Dakota	109	109		105		105	90	9	6	4
South Dakota	124	113	11	97	3	101	77	24	(1)	25
Nebraska	434	292	142	279	142	421	2	90	329	13
Kansas	601	594	7	514	7	521	340	179	2	80
South Atlantic	8,500	5,337	2,463	4,408	2,221	6,629	5,878	309	444	1,971
Delaware	85	84	1	39		39	28	11		46
Maryland	1,043	771	272	629	271	900	873	19	8	143
Dist. of Columbia	476	472	4	455	3	458	455		3	18
Virginia	1,224	1,018	206	611	182	793	752	26	15	430
West Virginia	1,496	1,288	208	859	101	960	960	(1)	(1)	536
North Carolina	1,753	825	928	694	658	1,351	1,075	63	214	401
South Carolina	991	315	676	141	651	792	630	6	157	199
Georgia	823	466	356	372	343	715	673	10	33	104
Florida	710	697	13	607	13	620	481	175	14	90
East South Central	3,991	1,762	2,229	1,293	2,221	3,425	1,356	73	2,002	597
Kentucky	646	407	239	341	239	580	411	27	141	66
Tennessee	1,593	570	1,023	425	1,023	1,448	183	16	1,249	145
Alabama	1,599	601	998	367	990	1,327	715	4	608	242
Mississippi	125	125		71		71	40	26	4	54
West South Central	3,859	3,481	388	2,348	385	2,734	2,062	288	321	1,126
Arkansas	379	274	105	124	102	226	162	29	35	153
Louisiana	840	840		542		542	460	53	30	299
Oklahoma	539	465	74	396	74	472	344	55	73	67
Texas	2,111	1,901	210	1,284	210	1,494	1,097	213	184	617
Mountain	3,279	1,262	2,006	674	2,094	2,678	1,245	106	1,326	692
Montana	399	30	369	13	356	372	334	(1)	39	15
Idaho	292	26	266	4	265	269	233	12	23	23
Wyoming	146	96	50	34	50	83	33	2	48	62
Colorado	447	359	88	246	87	333	255	53	25	115
New Mexico	224	199	25	152	25	177	138	12	26	47
Arizona	866	325	541	139	541	680	94	3	583	186
Utah	287	195	92	80	92	172	147	22	3	115
Nevada	619	32	587	4	586	590	11	(1)	579	28
Pacific	6,532	2,263	4,269	1,797	4,233	6,430	3,371	1,053	1,406	592
Washington	1,956	395	1,561	204	1,534	1,738	546	479	714	219
Oregon	1,007	289	718	192	711	903	366	28	519	103
California	3,569	1,579	1,990	1,401	1,988	3,390	2,470	547	373	160

Less than 500.

Source: Federal Power Commission; based on annual reports, Production of Electric Energy and Capacity of Generating Plants, 1946, and Industrial Electric Power in the United States, 1900-45, supplemented by 1946 monthly information from industrial plants.

**No. 586.—ELECTRIC ENERGY—PRODUCTION BY ELECTRIC UTILITIES AND INDUSTRIAL PLANTS, BY TYPE OF PRIME MOVER AND BY CLASS OF OWNERSHIP, BY STATES: 1946**

[In millions of kilowatt-hours. See headnote, table 533.]

DIVISION AND STATE	Total	TYPE OF PRIME MOVER				CLASS OF OWNERSHIP				Industrial plants
		Electric utilities and industrial		Electric utilities		Electric utilities				
		Fuel	Hydro	Fuel	Hydro	Total	Privately owned	Publicly owned		
								Municipal	Other	
United States	269,609	186,459	83,150	144,773	78,406	229,178	181,029	10,801	21,257	46,431
New England	15,558	10,735	4,823	8,640	3,687	12,307	12,014	232	61	3,261
Maine	2,260	397	1,863	130	1,220	1,371	1,359	8	4	890
New Hampshire	1,532	308	1,024	221	793	1,014	1,010	5		318
Vermont	835	39	796	12	747	759	727	32		76
Massachusetts	6,135	5,336	799	4,256	632	4,888	4,723	153	13	1,247
Rhode Island	1,206	1,177	29	1,052	9	1,060	1,035		26	146
Connecticut	3,780	3,478	312	2,949	266	3,215	3,162	55	18	578
Middle Atlantic	56,729	46,968	9,761	37,967	2,382	47,349	46,884	356	109	9,380
New York	26,061	18,181	7,909	15,343	7,649	22,892	22,604	189	99	3,189
New Jersey	6,929	6,888	41	7,547	29	7,576	7,512	56	9	1,352
Pennsylvania	21,720	19,900	1,820	15,077	1,604	16,881	16,768	112	1	4,839
East North Central	62,422	58,969	3,513	46,977	2,092	50,069	47,018	2,463	588	12,352
Ohio	17,642	17,604	38	13,951	23	13,976	13,171	792	13	3,606
Indiana	9,289	9,190	99	7,177	96	7,273	6,683	588	2	2,016
Illinois	16,010	15,820	190	13,712	166	13,878	13,406	351	121	2,132
Michigan	13,567	12,105	1,462	8,063	1,395	10,058	9,159	817	282	3,508
Wisconsin	5,914	4,189	1,725	3,473	1,411	4,884	4,599	216	70	1,030
West North Central	16,123	11,975	3,148	10,330	2,857	13,187	10,606	1,786	796	1,894
Minnesota	3,638	2,602	1,036	2,163	777	2,941	2,571	345	24	698
Iowa	3,587	2,634	953	2,158	953	3,111	2,799	274	37	476
Missouri	3,060	2,478	582	2,147	582	2,729	2,375	239	14	331
North Dakota	365	365		350		350	318	22	11	16
South Dakota	381	334	47	303	17	321	259	61	(1)	60
Nebraska	1,405	899	506	589	604	1,393	491	197	706	12
Kansas	2,687	2,663	24	2,320	24	2,344	1,792	548	4	342
South Atlantic	37,593	26,363	11,230	19,541	9,010	28,551	25,382	796	2,373	9,642
Delaware	166	166		43		43	19	24		123
Maryland	4,615	3,341	1,274	2,696	1,269	3,965	3,911	42	12	651
Dist. of Columbia	1,963	1,954	9	1,937	6	1,942	1,937		6	20
Virginia	5,096	4,360	736	2,739	647	3,386	3,267	74	46	1,711
West Virginia	7,926	7,071	855	4,867	378	5,244	5,243	1	1	2,681
North Carolina	7,760	3,405	4,355	2,815	2,862	5,677	4,235	141	1,300	2,023
South Carolina	3,396	972	2,424	263	2,329	2,583	1,817	18	748	814
Georgia	3,468	1,960	1,528	1,572	1,470	3,042	2,904	22	116	446
Florida	3,164	3,133	51	2,618	51	2,669	2,050	473	147	515
East South Central	18,462	4,710	13,742	2,768	13,718	16,486	5,574	202	10,710	1,966
Kentucky	2,497	980	1,517	864	1,517	2,381	1,167	86	1,126	116
Tennessee	7,235	1,077	6,158	422	6,188	6,580	802	40	5,738	636
Alabama	8,266	2,198	6,068	1,256	6,044	7,300	3,442	12	3,846	966
Mississippi	454	454		225		225	163	63	1	229
West South Central	17,897	16,439	1,458	11,821	1,446	13,069	10,823	1,037	1,200	4,828
Arkansas	1,455	1,060	405	441	396	837	558	60	219	618
Louisiana	4,133	4,133		2,884		2,884	2,667	146	60	1,249
Oklahoma	2,207	1,950	257	1,753	257	2,009	1,802	151	256	198
Texas	10,103	9,307	796	6,544	795	7,339	5,976	680	683	2,763
Mountain	13,377	3,634	9,743	1,934	9,725	11,659	5,545	306	5,807	1,719
Montana	2,501	66	2,435	34	2,432	2,466	2,325	(1)	140	25
Idaho	1,393	55	1,338	3	1,333	1,335	1,106	50	179	59
Wyoming	451	184	267	49	267	316	51	4	261	135
Colorado	1,509	1,194	325	850	318	1,168	956	142	70	241
New Mexico	826	724	102	603	102	605	472	29	108	221
Arizona	3,439	1,001	2,438	386	2,438	2,824	200	4	2,620	616
Utah	676	322	354	103	284	457	368	75	14	219
Nevada	2,582	98	2,484	6	2,482	2,488	67	1	2,420	94
Pacific	22,467	6,726	25,731	4,996	25,696	30,501	17,173	3,623	9,766	1,967
Washington	9,925	879	9,046	177	8,862	9,039	3,233	1,715	4,091	896
Oregon	4,467	433	4,034	154	3,994	4,149	1,136	118	2,895	319
California	18,065	5,415	12,660	4,664	12,660	17,314	12,806	1,789	2,719	751

<sup>1</sup> Less than 500,000.

Source: Federal Power Commission; based on annual reports, Production of Electric Energy and Capacity of Generating Plants, 1946, and Industrial Electric Power in the United States, 1939-46, supplemented by 1946 monthly information from industrial plants.

**No. 537.—ELECTRIC UTILITIES—BALANCE SHEET AND INCOME ACCOUNT OF PRIVATELY OWNED CLASS A AND B COMPANIES: 1937 TO 1946**

(All figures in thousands of dollars. Data cover reports of all companies having annual electric revenues in excess of \$500,000. These concerns represent approximately 98 percent of the total privately owned electric utility industry)

ITEM	1937	1938	1941	1942	1945	1946
<b>COMPOSITE BALANCE SHEET</b>						
<b>Assets and other debits, total.....</b>	<b>16, 873, 384</b>	<b>17, 179, 663</b>	<b>17, 794, 542</b>	<b>18, 134, 828</b>	<b>17, 633, 242</b>	<b>18, 663, 483</b>
Electric plant and adjustments.....	9, 614, 616	10, 146, 978	11, 071, 392	11, 831, 380	12, 175, 968	12, 421, 817
Other utility plant and adjustments.....	1, 812, 880	1, 618, 143	1, 736, 929	1, 821, 418	1, 823, 914	1, 840, 800
Unclassified and undistributed.....	2, 724, 088	2, 349, 673	1, 928, 472	1, 180, 850	490, 852	689, 189
<b>Total utility plant.....</b>	<b>13, 851, 583</b>	<b>14, 114, 695</b>	<b>14, 735, 793</b>	<b>14, 843, 648</b>	<b>14, 490, 733</b>	<b>14, 951, 566</b>
Investment and fund accounts.....	1, 462, 433	1, 420, 800	1, 320, 974	1, 289, 818	1, 080, 443	1, 006, 816
Cash and working funds.....	241, 253	372, 748	408, 287	544, 417	465, 361	486, 562
Special deposits and temporary investments.....	131, 541	146, 609	165, 097	489, 212	635, 595	549, 092
Notes and accounts receivable.....	860, 038	293, 575	336, 610	286, 245	309, 864	323, 103
Materials and supplies.....	181, 090	164, 989	251, 972	214, 247	230, 961	310, 993
Other current and accrued assets.....	44, 254	63, 775	55, 241	48, 815	58, 950	56, 962
<b>Total current and accrued assets.....</b>	<b>959, 876</b>	<b>1, 041, 676</b>	<b>1, 317, 297</b>	<b>1, 582, 934</b>	<b>1, 695, 721</b>	<b>1, 726, 782</b>
<b>Other assets.....</b>	<b>600, 293</b>	<b>602, 491</b>	<b>619, 569</b>	<b>420, 425</b>	<b>857, 296</b>	<b>338, 399</b>
<b>Liabilities and other credits, total.....</b>	<b>16, 873, 384</b>	<b>17, 179, 663</b>	<b>17, 794, 542</b>	<b>18, 134, 828</b>	<b>17, 633, 242</b>	<b>18, 663, 483</b>
Common capital stock.....	4, 306, 364	4, 327, 184	4, 405, 818	4, 210, 241	3, 879, 314	3, 774, 156
Preferred capital stock.....	2, 125, 432	2, 050, 959	2, 097, 840	2, 142, 825	2, 071, 133	2, 029, 840
Premiums, assessments, etc.....	96, 590	96, 083	110, 165	108, 892	111, 816	135, 161
<b>Total capital stock.....</b>	<b>6, 528, 386</b>	<b>6, 474, 226</b>	<b>6, 613, 823</b>	<b>6, 461, 958</b>	<b>6, 062, 263</b>	<b>5, 939, 157</b>
Bonds.....	6, 434, 208	6, 469, 960	6, 359, 019	6, 214, 779	5, 762, 528	5, 745, 344
Other long-term debt.....	415, 992	501, 432	462, 673	372, 675	378, 926	404, 309
<b>Total long-term debt.....</b>	<b>6, 850, 194</b>	<b>6, 971, 401</b>	<b>6, 821, 692</b>	<b>6, 587, 454</b>	<b>6, 141, 453</b>	<b>6, 149, 653</b>
Notes and accounts payable.....	257, 549	137, 997	220, 250	175, 190	187, 498	262, 444
Accrued interest and taxes.....	281, 474	300, 058	452, 102	646, 929	590, 285	595, 820
Other current and accrued liabilities.....	153, 361	217, 095	133, 340	164, 480	187, 062	145, 164
<b>Total current and accrued liabilities.....</b>	<b>692, 384</b>	<b>655, 150</b>	<b>807, 692</b>	<b>986, 599</b>	<b>964, 846</b>	<b>1, 003, 428</b>
Reserves for depr. and amort. of utility plant.....	1, 495, 250	1, 762, 386	2, 096, 412	2, 557, 241	3, 064, 919	3, 327, 361
Other liabilities.....	280, 892	276, 728	333, 545	445, 925	394, 817	401, 441
Capital surplus.....	223, 996	219, 631	253, 166	282, 421	239, 439	429, 015
Earned surplus.....	802, 281	811, 140	866, 210	845, 230	765, 322	833, 428
<b>COMPOSITE INCOME ACCOUNT</b>						
<b>Electric utility operating income:</b>						
Operating revenues.....	2, 157, 277	2, 271, 361	2, 621, 490	2, 970, 711	3, 171, 457	3, 292, 696
Operating expenses.....	928, 629	957, 284	1, 125, 001	1, 315, 210	1, 453, 615	1, 645, 490
Depreciation and amortization.....	212, 865	243, 178	274, 913	300, 445	315, 856	317, 484
Taxes.....	305, 428	343, 195	512, 029	666, 897	639, 066	626, 027
<b>Total operating revenue deductions.....</b>	<b>1, 446, 921</b>	<b>1, 543, 657</b>	<b>1, 911, 943</b>	<b>2, 282, 252</b>	<b>2, 408, 536</b>	<b>2, 529, 010</b>
<b>Net operating revenues.....</b>	<b>710, 356</b>	<b>727, 703</b>	<b>709, 537</b>	<b>654, 450</b>	<b>762, 858</b>	<b>763, 696</b>
Income from electric plant leased to others.....	7, 514	7, 512	7, 408	5, 963	4, 750	4, 752
Electric utility operating income.....	717, 870	735, 215	716, 940	694, 422	767, 608	768, 438
Other utility operating income.....	51, 095	58, 403	52, 618	64, 938	65, 062	60, 635
<b>Total utility operating income.....</b>	<b>768, 965</b>	<b>793, 618</b>	<b>769, 557</b>	<b>759, 360</b>	<b>832, 670</b>	<b>829, 073</b>
Other income.....	70, 698	70, 179	66, 692	58, 020	54, 338	62, 046
<b>Gross income.....</b>	<b>839, 663</b>	<b>863, 797</b>	<b>836, 249</b>	<b>817, 380</b>	<b>887, 008</b>	<b>891, 119</b>
<b>Income deductions:</b>						
Interest on long-term debt.....	282, 905	277, 563	255, 970	243, 910	210, 771	192, 010
Other income deductions (net).....	47, 278	51, 408	53, 842	71, 947	141, 833	61, 483
<b>Total income deductions.....</b>	<b>330, 184</b>	<b>329, 029</b>	<b>309, 812</b>	<b>315, 857</b>	<b>352, 604</b>	<b>253, 493</b>
<b>Net income.....</b>	<b>509, 479</b>	<b>534, 768</b>	<b>526, 437</b>	<b>501, 523</b>	<b>534, 454</b>	<b>637, 626</b>

Source: Federal Power Commission, annual report, Statistics of Electric Utilities in the United States.

## No. 538.—ELECTRIC LIGHT AND POWER INDUSTRY—SUMMARY: 1902 TO 1937

[Figures cover all establishments engaged either in generation and distribution of electric energy, or distribution or transmission of electric energy, to public or private consumers. Statistics do not include establishments which consume all current generated, such as manufacturing and mining companies, railroads, railways, hotels, and other enterprises not in the nature of public utilities, unless a portion of their generated output is sold commercially. Plants operated by the Federal Government or by States were not included unless energy was sold commercially]

ITEM	1902	1912	1917	1922	1927	1932	1937
Number of reporting establishments, <sup>1</sup>							
Total	3, 620	5, 221	6, 543	6, 355	4, 335	3, 429	3, 801
Generating all or part of current	(2)	4, 646	5, 124	4, 380	2, 331	1, 788	1, 812
Distributing or transmitting only	(2)	575	1, 418	1, 966	2, 004	1, 641	1, 989
Number of separate generating stations	(2)	(2)	5, 932	5, 444	4, 801	4, 339	4, 027
Prime movers, hp (thousands)	1, 845	7, 530	12, 937	19, 851	35, 710	47, 967	50, 230
Steam engines	1, 394	1, 805	1, 702	1, 371	994	649	712
Steam turbines		3, 054	6, 747	12, 355	24, 323	32, 904	33, 177
Internal-combustion engines	12	111	210	303	548	681	1, 101
Hydroturbines and water wheels	439	2, 469	4, 277	5, 822	9, 844	13, 532	15, 230
Generators, by type of prime mover,							
rated kilowatt capacity (thousands)	1, 212	5, 165	8, 994	14, 313	25, 811	34, 623	36, 451
Steam engines	(2)	(2)	5, 209	9, 963	997	483	521
Steam turbines	(2)	(2)			17, 848	24, 083	24, 600
Internal-combustion engines	(2)	(2)	2, 786	4, 351	417	508	763
Hydroturbines and water wheels	(2)	(2)			6, 850	9, 540	10, 808
Output, <sup>2</sup> kilowatt-hours (millions)		14, 183	31, 044	50, 274	96, 829	111, 716	148, 300
Reported as generated	2, 507	11, 509	25, 438	40, 292	74, 686	79, 657	121, 007
By steam	(2)	(2)	(2)	(2)	45, 391	45, 378	74, 230
By internal-combustion	(2)	(2)	(2)	(2)	577	715	1, 089
By water	(2)	(2)	(2)	(2)	28, 718	33, 567	45, 779
Reported as purchased or received							
from other sources	(2)	2, 614	5, 606	9, 983	22, 142	32, 058	47, 292
Number of customers (thousands)	(2)	3, 838	7, 179	12, 710	21, 790	23, 862	27, 219
Ultimate consumers	(2)	(2)	(2)	(2)	21, 786	23, 858	27, 216
Resale	(2)	(2)	(2)	(2)	4	3	3
Revenue from elec. service (\$1,000)	184, 187	287, 139	502, 060	1, 020, 439	1, 802, 655	1, 975, 304	2, 356, 513
Ultimate consumers	(2)	255, 961	444, 535	945, 428	1, 667, 046	1, 821, 106	2, 177, 617
Resale	(2)	31, 177	57, 525	75, 011	135, 610	154, 198	178, 896
Kilowatt-hours sold (millions)	(2)	(2)	25, 752	41, 965	79, 011	89, 263	132, 930
Ultimate consumers	(2)	(2)	18, 287	32, 948	63, 612	63, 896	103, 070
Resale	(2)	(2)	7, 465	9, 017	15, 399	25, 369	29, 859
Kilowatt-hours distributed for other							
purposes (nonrevenue) (millions)	(2)	(2)	(2)	(2)	17, 617	23, 451	35, 370
Not reported sold	(2)	(2)	(2)	(2)	5, 342	9, 759	17, 456
Energy lost in transmission, dis-							
tribution, conversion, etc	(2)	(2)	(2)	7, 135	12, 476	18, 693	17, 914
Percent loss (based on total							
output)	(2)	(2)	(2)	14. 2	12. 9	12. 3	10. 6
Employees, number	30, 326	79, 335	105, 541	150, 762	251, 020	244, 573	281, 335
Salaries and wages (\$1,000)	20, 647	61, 162	95, 242	212, 433	367, 632	323, 880	470, 353
Operating expenses (includes cost of							
fuel, purchased and interchanged	(2)	(2)	(2)	553, 066	750, 484	803, 100	1, 042, 195
power, maintenance and other operat-							
ing expenses) (\$1,000)	(2)	(2)	(2)	553, 066	750, 484	803, 100	1, 042, 195
Value of electric utility plant (millions							
of dollars)	805	2, 176	3, 060	4, 465	9, 297	12, 694	12, 941
Fuel used for electric generation, <sup>10</sup>							
Coal, anthracite (1,000 short tons)	(2)	(2)	2, 442	1, 835	2, 002	1, 559	2, 024
Coal, bituminous (1,000 short tons)	(2)	(2)	19, 385	24, 492	35, 681	25, 998	40, 469
Coke (1,000 short tons)	(2)	(2)	63	37	32	153	88
Fuel oil (1,000 bbls. of 42 gals.)	(2)	(2)	5, 158	11, 856	7, 146	7, 968	13, 866
Gasoline (1,000 bbls. of 42 gals.)	(2)	(2)					
Gas, manufactured (1,000,000 cubic	(2)	(2)	14, 199	20, 174	5, 161	1, 926	4, 578
feet)	(2)	(2)					
Gas, natural (1,000,000 cubic feet)	(2)	(2)	14, 199	20, 174	59, 362	96, 365	159, 453

<sup>1</sup> The term "establishment" as here used may represent a single electric station (either generating or distributing or both) or a number of such stations operated under the same ownership. <sup>2</sup> Not available.

<sup>3</sup> Comprises 1,112 stations operated by steam; 1,283 by internal-combustion; 1,426 by water; and 206 composite (stations having more than 1 type of prime mover)

<sup>4</sup> Comprises generated output and energy purchased and received from other sources. Since the energy "Received from other sources" was, in a large part, purchased from other electric light and power companies, a considerable duplication is involved, as such energy would also be included in the "Generated."

<sup>5</sup> Includes "Estimated value of free service."

<sup>6</sup> Number on June 30.

<sup>7</sup> Reported by commercial establishments only. No data for municipal establishments.

<sup>8</sup> Not comparable with figures for other years since amount includes only salaries and wages chargeable to electric operating service.

<sup>9</sup> Includes value of plant and equipment, \$902,000,000, owned by companies engaged in the operation of electric light and power plants and other public utilities, not distributed among the several utilities.

<sup>10</sup> In addition, hogged fuel, sawmill, and other waste were reported.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Electric Light and Power Industry. Survey discontinued.

# No. 589.—ELECTRIC LIGHT AND POWER INDUSTRY—ENERGY GENERATED, SALES, REVENUE, AND CUSTOMERS: 1930 TO 1947

[Figures for energy generated obtained by Edison Electric Institute from Federal Power Commission. Figures for sales, revenue, and customers for 1930 and 1935 not strictly comparable with those for 1940 and subsequent years due to change in classification of sales]

CLASS	1930 <sup>1</sup>	1935 <sup>1</sup>	1940	1945	1946	1947
Energy generated.....million kilowatt-hours..	91, 112	95, 287	141, 837	222, 486	223, 178	255, 725
Sales to ultimate customers.....do.....	74, 906	77, 596	118, 643	193, 558	190, 795	217, 531
Residential or domestic <sup>2</sup> .....	11, 018	13, 978	23, 318	34, 184	38, 571	44, 171
Rural (distinct rural rates) <sup>3</sup> .....	1, 473	1, 211	1, 991	3, 668	4, 431	5, 551
Commercial and industrial:						
Small light and power.....	13, 944	13, 588	22, 373	30, 438	33, 016	38, 379
Large light and power.....	40, 148	40, 865	59, 557	107, 490	98, 885	113, 523
All other.....	8, 323	7, 955	11, 405	17, 777	15, 892	15, 957
Revenue from ultimate customers 1,000 dollars..	1, 990, 955	1, 911, 989	2, 440, 218	3, 341, 518	3, 459, 560	3, 852, 765
Residential or domestic <sup>2</sup> .....	664, 441	700, 358	895, 951	1, 167, 356	1, 240, 577	1, 366, 498
Rural (distinct rural rates) <sup>3</sup> .....	24, 524	21, 572	49, 473	90, 345	104, 876	123, 748
Commercial and industrial:						
Small light and power.....	575, 598	519, 213	689, 253	850, 213	924, 775	1, 031, 335
Large light and power.....	566, 468	531, 107	631, 428	1, 001, 957	969, 348	1, 106, 555
All other.....	159, 924	139, 739	174, 112	231, 647	219, 983	224, 629
Ultimate customers, Dec. 31.....thousands..	24, 556	25, 313	30, 191	34, 031	36, 140	38, 432
Residential or domestic <sup>2</sup> .....	20, 332	21, 019	24, 952	28, 117	29, 769	31, 622
Rural (distinct rural rates) <sup>3</sup> .....	199	216	686	1, 234	1, 381	1, 522
Commercial and industrial:						
Small light and power.....	3, 626	3, 711	4, 260	4, 398	4, 693	4, 961
Large light and power.....	347	305	178	162	175	191
All other.....	53	62	115	119	122	136

<sup>1</sup> See headnote.

<sup>2</sup> Prior to 1940 covers residential and eastern farms.

<sup>3</sup> Prior to 1940 covers western farms.

Source: Edison Electric Institute, New York, N. Y.; annual statistical bulletin.

# No. 540.—AVERAGE TYPICAL BILLS FOR SPECIFIED QUANTITIES OF ELECTRIC ENERGY IN CITIES OF 50,000 POPULATION OR MORE: 1927 TO 1948

[25,100, and 250 kilowatt-hour consumptions were chosen to represent the typical usage, respectively, of residential consumers who use electricity for lighting and the operation of small appliances only; for lighting, small appliances, and refrigeration; and for lighting, small appliances, refrigeration, and cooking]

DATE	AVERAGE BILL IN DOLLARS FOR—			AVERAGE BILL IN CENTS PER KILOWATT-HOUR FOR—			INDEX OF AVERAGE BILL (JAN. 1, 1935=100) FOR—		
	25 kw.-hrs.	100 kw.-hrs.	250 kw.-hrs.	25 kw.-hrs.	100 kw.-hrs.	250 kw.-hrs.	25 kw.-hrs.	100 kw.-hrs.	250 kw.-hrs.
Oct. 1, 1927.....	1. 81	5. 58	11. 94	7. 2	5. 6	4. 8	115. 3	125. 4	133. 3
Oct. 1, 1928.....	1. 76	5. 34	11. 25	7. 0	5. 3	4. 5	112. 1	120. 0	125. 6
Oct. 1, 1929.....	1. 73	5. 13	10. 69	6. 9	5. 1	4. 3	110. 2	115. 3	119. 3
Oct. 1, 1930.....	1. 70	4. 98	10. 38	6. 8	5. 0	4. 2	108. 3	111. 9	115. 8
Oct. 1, 1931.....	1. 69	4. 72	9. 58	6. 8	4. 7	3. 8	107. 6	106. 1	106. 9
Oct. 1, 1932.....	1. 67	4. 65	9. 42	6. 7	4. 7	3. 8	106. 4	104. 5	105. 1
Oct. 1, 1933.....	1. 63	4. 58	9. 26	6. 5	4. 6	3. 7	103. 8	102. 9	103. 3
Oct. 1, 1934.....	1. 58	4. 47	8. 98	6. 3	4. 5	3. 6	100. 6	100. 4	100. 2
Jan. 1, 1935 <sup>1</sup> .....	1. 57	4. 45	8. 96	6. 3	4. 5	3. 6	100. 0	100. 0	100. 0
Jan. 1, 1935 <sup>2</sup> .....	1. 60	4. 47	8. 90	6. 3	4. 5	3. 6	100. 0	100. 0	100. 0
Jan. 1, 1936.....	1. 53	4. 21	7. 85	6. 1	4. 2	3. 1	95. 6	94. 2	88. 2
Jan. 1, 1937.....	1. 45	4. 10	7. 51	5. 8	4. 1	3. 0	90. 6	91. 7	84. 4
Jan. 1, 1938.....	1. 43	4. 03	7. 34	5. 7	4. 0	2. 9	89. 4	90. 2	82. 5
Jan. 1, 1939.....	1. 40	3. 96	7. 21	5. 6	4. 0	2. 9	87. 5	88. 6	81. 0
Jan. 1, 1940.....	1. 36	3. 88	7. 05	5. 4	3. 9	2. 8	85. 0	86. 8	79. 2
Jan. 1, 1941.....	1. 34	3. 83	6. 98	5. 4	3. 8	2. 8	83. 8	85. 7	78. 4
Jan. 1, 1942.....	1. 34	3. 80	6. 95	5. 4	3. 8	2. 8	83. 8	85. 0	78. 1
Jan. 1, 1943.....	1. 33	3. 80	6. 94	5. 3	3. 8	2. 8	83. 1	85. 0	78. 0
Jan. 1, 1944.....	1. 33	3. 78	6. 92	5. 3	3. 8	2. 8	83. 1	84. 6	77. 8
Jan. 1, 1945.....	1. 32	3. 76	6. 89	5. 3	3. 8	2. 8	82. 5	84. 1	77. 4
Jan. 1, 1946.....	1. 28	3. 73	6. 86	5. 1	3. 7	2. 7	80. 0	83. 4	77. 1
Jan. 1, 1947.....	1. 23	3. 64	6. 78	4. 9	3. 6	2. 7	76. 9	81. 4	76. 2
Jan. 1, 1948.....	1. 24	3. 64	6. 79	5. 0	3. 6	2. 7	77. 5	81. 4	76. 3

<sup>1</sup> Average bills for 1935 and prior years are for 150 cities of 50,000 population or more. The index numbers are adjusted to be comparable with subsequent years.

<sup>2</sup> Average bills for 1935 and subsequent years are for all cities of 50,000 population or more.

Source: Federal Power Commission; annual report, Typical Electric Bills, Including Residential, Commercial and Industrial Service, Cities of 50,000 Population and More.

No. 541.—LOWEST AND HIGHEST NET MONTHLY RESIDENTIAL ELECTRIC BILLS FOR 100 KILOWATT-HOURS USE, BASED ON RATES AS OF JAN. 1, 1947, FOR COMMUNITIES OF 2,500 POPULATION AND MORE, BY STATES

DIVISION AND STATE	SERVED BY PRIVATELY-OWNED UTILITIES		SERVED BY PUBLICLY-OWNED UTILITIES		COMMUNITIES OF 50,000 POPULATION AND MORE		COMMUNITIES OF 10,000 TO 50,000 POPULATION		COMMUNITIES OF 2,500 TO 10,000 POPULATION	
	Util-ities	Com-muni-ties	Util-ities	Com-muni-ties	Low-est bills	Hig-h-est bills	Low-est bills	Hig-h-est bills	Low-est bills	Hig-h-est bills
<b>New England:</b>										
Maine	7	40	3	3	\$4.25	\$4.25	\$4.20	\$4.25	*\$3.70	\$5.40
New Hampshire	6	22	1	1	1 4.54	1 4.54	3.93	4.80	4.38	*5.00
Vermont	4	15	1	1	(1)	(1)	*4.07	4.98	4.00	4.38
Massachusetts	26	121	23	23	3.15	4.80	*2.93	5.77	*3.15	7.04
Rhode Island	3	23	1	1	4.80	4.82	4.58	4.82	4.58	*5.10
Connecticut	8	58	6	6	3.00	3.98	*3.28	4.18	3.00	4.60
<b>Middle Atlantic:</b>										
New York	23	215	23	24	2.78	5.10	*2.41	5.26	*2.19	5.85
New Jersey	6	182	7	8	3.83	4.63	3.83	*5.67	3.83	*6.23
Pennsylvania	390	367	29	23	2.96	4.74	*3.66	5.04	2.96	6.13
<b>East North Central:</b>										
Ohio	13	150	47	46	2.50	4.20	2.50	4.80	*2.70	*5.48
Indiana	8	71	30	30	*2.75	3.95	*3.20	*4.45	*2.70	*5.60
Illinois	16	185	31	31	*3.02	3.85	3.04	4.55	3.04	*5.80
Michigan	16	105	29	30	*2.40	3.20	*2.53	4.10	*2.56	*7.00
Wisconsin	12	66	27	26	2.40	3.48	*2.15	4.20	*2.30	4.40
<b>West North Central:</b>										
Minnesota	7	38	41	41	3.33	3.70	*2.10	4.40	*2.00	*5.00
Iowa	14	64	26	26	3.00	3.00	*3.00	4.48	*2.55	*5.25
Missouri	11	60	36	27	2.85	3.25	2.04	4.07	3.04	*6.00
North Dakota	3	10	3	2	(1)	(1)	3.75	3.88	*3.06	*4.80
South Dakota	6	14	6	6	(1)	(1)	3.50	*4.38	3.50	4.60
Nebraska			26	26	*2.45	*3.64	*2.38	*4.02	*2.59	*4.80
Kansas	8	35	29	29	*2.80	3.84	*2.60	*5.10	*2.25	*5.00
<b>South Atlantic:</b>										
Delaware	1	4	5	5	1 4.50	1 4.50	(1)	(1)	*4.45	*5.50
Maryland	6	28	3	2	1 3.78	1 3.78	2.51	4.67	2.51	6.00
Virginia	6	55	11	11	3.10	3.95	*2.50	4.25	3.40	*3.23
West Virginia	6	48	1	1	3.82	3.82	3.82	4.25	3.82	4.41
North Carolina	6	48	31	31	3.20	3.40	2.20	*5.10	3.20	*5.80
South Carolina	6	40	17	17	3.48	3.92	3.20	*4.00	*2.18	*4.35
Georgia	3	40	34	34	3.10	3.88	*3.00	*4.95	*2.60	*4.80
Florida	5	57	20	20	3.75	*4.00	3.88	*6.18	3.88	*6.00
District of Columbia	1	1			2.51	2.51				
<b>East South Central:</b>										
Kentucky	4	44	15	15	2.80	2.75	*2.50	*4.50	2.50	*5.47
Tennessee	3	3	52	58	*2.50	*2.50	*2.00	*3.75	*2.00	*4.65
Alabama	3	40	25	25	2.75	3.10	*2.00	*5.23	*2.00	*5.00
Mississippi	2	27	21	21	1 2.95	1 3.95	*2.00	*4.38	*2.00	*6.45
<b>West South Central:</b>										
Arkansas	6	41	13	13	1 3.75	1 3.75	3.60	4.12	*3.22	*5.80
Louisiana	8	40	20	20	3.68	3.72	3.68	*5.25	3.68	*6.50
Oklahoma	4	50	26	26	3.57	3.60	3.60	*5.50	3.57	*7.10
Texas	13	177	42	46	2.84	4.05	3.26	*5.13	*2.15	5.75
<b>Mountain:</b>										
Montana	3	21	3	2	(1)	(1)	3.83	3.83	3.14	*5.38
Idaho	7	22	4	4	(1)	(1)	3.11	*3.40	*2.79	4.36
Wyoming	8	13	1	1	(1)	(1)	3.64	4.48	3.68	5.55
Colorado	6	21	9	9	3.80	4.07	*3.36	4.66	*2.70	4.75
New Mexico	5	16	6	6	(1)	(1)	3.56	5.98	3.56	*5.90
Arizona	8	20	2	2	1 3.13	1 3.13	1 3.00	1 3.00	*3.00	*5.85
Utah	3	12	14	14	1 3.10	1 3.10	*2.79	*3.28	*3.06	3.90
Nevada	4	5			(1)	(1)	1 3.51	1 3.51	3.56	5.90
<b>Pacific:</b>										
Washington	4	29	13	14	*1.70	3.76	*2.60	3.04	*2.45	*3.80
Oregon	7	22	3	3	1 2.85	1 2.85	*1.80	3.35	*2.60	4.00
California	10	197	32	25	*2.50	3.20	2.45	*4.69	2.62	5.32

\*Publicly owned utility.

1 Only 1 community in this population group.

1 No community in this population group.

Source: Federal Power Commission; annual report on typical residential electric bills, Jan. 1, 1947.



# No. 542.—WATER POWER—DEVELOPED, 1920 TO 1945, AND ESTIMATED UNDEVELOPED, JANUARY 1947

[In thousands of kilowatts. Developed water power for 1945 and prior years represent rated kilowatt capacity of electric generators operated by actual installations of water wheels and turbines. Amounts prior to 1939 include generator capacities of electric utility plants only (see headnote, table 533) as generator capacities of industrial plants not generally available. 1939 and 1945 industrial figures not directly comparable; in many instances appear to be in close agreement. Water wheel and turbine capacity of industrial and miscellaneous plants, expressed in horsepower, and including mechanical drive plants (of 395,000 horsepower in 1939) not having electric generators were: 1921, 1,726,578; 1925, 1,750,323; 1930, 1,665,932; 1935, 1,929,404; 1939, 2,122,228]

DIVISION AND STATE	DEVELOPED WATER POWER (CAPACITY OF ACTUAL INSTALLATIONS ONLY)										Estimated undeveloped water power Jan. 1947
	Electric utilities only				Electric utilities and industrial plants						
					Dec. 1939			Dec. 1945]			
	Dec. 1920	Dec. 1925	Dec. 1930	Dec. 1935	Total	Utilities	Industrial	Total	Utilities	Industrial	
United States.....	3,704	5,922	8,585	9,399	12,075	11,004	1,071	15,892	14,912	980	77,130
New England.....	291	415	753	804	1,115	833	282	1,170	895	275	3,348
Maine.....	40	89	174	177	301	188	113	372	247	125	2,448
New Hampshire.....	43	58	212	223	292	235	57	285	235	50	393
Vermont.....	49	92	156	156	173	158	15	174	160	14	303
Massachusetts.....	114	126	129	167	228	161	67	219	163	56	110
Rhode Island.....	2	5	2	2	14	3	11	12	3	9	---
Connecticut.....	44	44	79	79	107	88	19	107	87	20	94
Middle Atlantic.....	662	1,027	1,290	1,517	1,633	1,563	70	1,668	1,591	77	5,175
New York.....	540	860	1,074	1,132	1,229	1,165	64	1,232	1,160	72	2,738
New Jersey.....	1	1	1	1	6	3	3	10	7	3	106
Pennsylvania.....	120	166	215	384	399	395	4	426	423	3	2,332
East North Central.....	372	528	602	644	790	703	87	818	739	79	2,574
Ohio.....	17	18	13	12	16	12	4	16	12	4	169
Indiana.....	11	35	35	33	38	35	3	37	35	2	378
Illinois.....	43	42	50	45	51	49	2	54	49	5	1,193
Michigan.....	167	219	258	316	368	344	24	383	365	18	305
Wisconsin.....	134	214	247	239	318	263	55	327	277	50	529
West North Central.....	257	285	279	427	537	501	36	617	562	55	4,735
Minnesota.....	88	124	122	126	158	126	32	172	126	46	310
Iowa.....	138	125	124	127	127	127	(1)	133	133	---	477
Missouri.....	12	13	13	150	151	151	(1)	151	151	---	2,073
North Dakota.....	---	---	---	---	(1)	---	(1)	---	---	---	320
South Dakota.....	5	4	4	4	4	4	---	11	3	8	1,097
Nebraska.....	7	12	11	13	87	86	1	142	142	(1)	314
Kansas.....	7	7	6	7	9	7	2	7	7	---	144
South Atlantic.....	589	878	1,603	1,678	2,224	1,803	421	2,664	2,222	442	7,462
Delaware.....	---	---	---	---	(1)	---	(1)	1	---	1	---
Maryland.....	1	22	272	272	273	271	2	272	271	1	463
District of Columbia.....	---	---	2	2	3	2	1	4	3	1	60
Virginia.....	45	57	83	97	204	182	22	206	182	24	916
West Virginia.....	9	7	56	56	209	101	108	208	101	107	2,600
North Carolina.....	144	185	397	398	651	400	251	928	658	270	716
South Carolina.....	231	339	506	503	520	495	25	676	651	25	515
Georgia.....	155	261	271	333	349	337	12	356	343	13	2,004
Florida.....	4	5	14	14	14	14	(1)	13	13	---	188
East South Central.....	170	469	863	823	1,270	1,140	130	2,229	2,221	8	4,552
Kentucky.....	---	26	105	105	111	111	(1)	239	239	---	1,605
Tennessee.....	97	124	127	128	432	310	122	1,023	1,023	---	737
Alabama.....	72	319	632	589	727	719	8	968	960	8	1,590
Mississippi.....	---	---	---	---	---	---	---	---	---	---	530
West South Central.....	4	13	19	101	140	139	1	374	371	3	2,894
Arkansas.....	1	10	11	67	67	67	---	105	102	3	1,142
Louisiana.....	---	---	---	---	1	---	1	---	---	---	128
Oklahoma.....	1	1	2	2	2	2	---	59	59	---	832
Texas.....	2	2	6	33	71	71	(1)	210	210	(1)	792
Mountain.....	487	570	784	792	1,583	1,581	2	2,097	2,002	5	17,753
Montana.....	212	236	300	300	321	321	(1)	359	358	1	3,711
Idaho.....	135	175	225	235	257	257	(1)	266	264	2	7,746
Wyoming.....	2	5	12	16	47	47	---	50	50	---	928
Colorado.....	48	52	52	54	67	66	1	88	87	1	1,116
New Mexico.....	1	(1)	1	1	1	1	---	25	25	---	183
Arizona.....	23	28	87	87	293	293	---	541	541	---	2,731
Utah.....	58	64	98	91	93	92	1	92	92	(1)	1,081
Nevada.....	9	8	9	9	505	504	1	567	566	1	259
Pacific.....	872	1,738	2,391	2,613	2,783	2,741	42	4,345	4,309	36	28,635
Washington.....	241	430	596	690	812	784	28	1,636	1,609	27	14,182
Oregon.....	65	121	156	177	286	278	8	720	713	7	6,528
California.....	566	1,187	1,640	1,745	1,685	1,680	5	1,989	1,987	2	7,925

<sup>1</sup> Less than 500.

Source: Federal Power Commission. Electric utility figures for 1939 and prior years based on report—Electric Power Statistics, 1920-40. Industrial amounts for 1939 based on Bureau of Census report—Power Equipment and Energy Consumption, 1939 Census of Manufactures. Figures for 1945 from Production of Electric Energy and Capacity of Generating Plants, 1945; and Industrial Electric Power in the United States, 1939-46.

## 19. Public Roads and Motor Vehicles

### No. 543.—RURAL ROADS IN THE UNITED STATES—APPROXIMATE MILEAGE: 1921 TO 1945

[In thousands of miles. Rural roads include roads outside of incorporated areas and certain of the more populous unincorporated areas. Figures cover continental U. S. and refer to existing mileage at end of calendar year]

TYPE AND CONTROL	1921	1925	1930	1935	1940	1943	1944	1945
All rural roads, total.....	2,925	3,006	3,009	3,032	2,990	3,005	3,005	3,012
Primary State highways.....	203	275	324	332	329	333	335	339
Secondary State highways.....				58	81	83	83	84
County roads under State control.....				115	114	117	117	118
County and local roads <sup>1</sup> .....	2,722	2,731	2,685	2,527	2,466	2,472	2,470	2,471
Surfaced rural roads, total.....	387	521	694	1,063	1,340	1,421	1,430	1,495
Primary State highways.....	84	145	227	280	302	310	312	316
Secondary State highways.....				39	65	69	69	71
County roads under State control.....				38	55	63	63	63
County and local roads <sup>1</sup> .....	303	376	467	706	918	979	986	1,045
Nonsurfaced rural roads, total <sup>2</sup> .....	2,538	2,485	2,315	1,969	1,650	1,527	1,517	1,517
Primary State highways.....	119	130	97	52	27	23	23	23
Secondary State highways.....				19	16	14	14	13
County roads under State control.....				77	59	54	54	55
County and local roads <sup>1 2</sup> .....	2,419	2,355	2,218	1,821	1,548	1,436	1,426	1,426

<sup>1</sup> Includes mileage in national and State parks, forests, reservations, etc., not included as part of State highway systems.

<sup>2</sup> Includes mileage not classified by type of surface.

Source: Federal Works Agency, Public Roads Administration; Highway Statistics, Summary to 1945.

### No. 544.—STATE HIGHWAY SYSTEMS—EXISTING MILEAGE, MILEAGE BUILT, FUNDS AVAILABLE AND DISBURSEMENTS: 1930 TO 1946

[Figures cover continental U. S. and refer to calendar years for most States]

ITEM	1930	1935	1940	1943	1944	1945	1946
Total mileage at end of year.....	<sup>1</sup> 324,498	523,474	551,766	565,644	567,177	573,234	579,410
Mileage under State control.....	( <sup>2</sup> )	520,351	548,499	562,406	564,174	570,239	576,669
Primary State-highway systems.....	<sup>1</sup> 324,498	331,867	329,472	333,069	334,534	338,310	342,071
Nonsurfaced roads.....	<sup>1</sup> 97,726	52,060	26,991	23,258	22,944	22,873	24,116
Surfaced roads.....	<sup>1</sup> 226,772	279,807	302,481	309,811	311,590	315,437	317,955
Low type <sup>3</sup> .....	<sup>1</sup> 142,659	168,282	180,091	178,876	180,462	182,786	183,873
High type <sup>3</sup> .....	<sup>1</sup> 84,113	111,525	122,390	130,935	131,128	132,651	134,082
Secondary roads.....	( <sup>2</sup> )	173,603	195,245	200,405	200,545	202,356	204,293
Urban extensions of State-highway systems.....	( <sup>2</sup> )	14,881	23,782	28,932	29,095	29,573	30,205
Connecting streets not under State control.....	( <sup>2</sup> )	3,123	3,267	3,238	3,003	2,996	2,841
Total mileage built during year by State-highway departments.....	35,277	26,814	32,594	15,971	15,080	15,281	21,713
Graded and drained.....	7,813	3,284	2,207	539	350	283	440
Surfaced.....	27,464	23,530	30,387	15,432	14,730	14,998	21,273
State-highway funds available (\$1,000) <sup>4</sup> .....	1,423,164	1,205,945	2,037,606	1,934,262	2,034,138	2,242,572	2,959,836
Disbursements of State-highway funds (\$1,000) <sup>4</sup> .....	1,139,677	848,355	1,591,290	1,241,494	1,212,066	1,255,298	1,669,889

<sup>1</sup> No segregation of secondary State highways from primary systems in 1930; figures shown include an undetermined amount of municipal street mileage on State systems or connecting these systems. Not strictly comparable with subsequent years, since county road mileage had not yet been taken over by State highway departments.

<sup>2</sup> Not available.

<sup>3</sup> Low type includes soil-surfaced, gravel or stone, bituminous surface-treated, and mixed bituminous surfaces; high type includes bituminous penetration, bituminous concrete and sheet asphalt, Portland cement concrete, brick, block and dual-type surfaces, and unclassified surfacing on bridges.

<sup>4</sup> Includes funds transferred to or from local units. Data for D. C. not included prior to 1940. Beginning 1940, includes proceeds of highway-user imposts allotted by the State treasurer for (1) county and other local roads and streets and for (2) nonhighway purposes.

Source: Federal Works Agency, Public Roads Administration; Highway Statistics, Summary to 1945; Highway Statistics, 1946.

**No. 545.—EXISTING RURAL ROAD MILEAGE, BY TYPE AND BY GOVERNMENTAL CONTROL, BY STATES, END OF 1945**

[Rural roads include roads outside incorporated areas and certain more populous unincorporated areas. State highway mileage data are from State reports for calendar year 1945. Other mileage data are from State and planning survey reports for calendar year 1945, except for a few States for which latest available data are for earlier years.]

STATE	Total	TYPE				GOVERNMENTAL CONTROL		
		Surfaced			Nonsurfaced	State	Local	Federal <sup>1</sup>
		Total	Low type <sup>1</sup>	High type <sup>1</sup>				
<b>Continental United States...</b>	<b>2,012,371</b>	<b>1,494,851</b>	<b>1,302,861</b>	<b>191,990</b>	<b>1,517,159</b>	<b>644,174</b>	<b>2,397,629</b>	<b>78,898</b>
Alabama	59,631	40,006	38,842	1,164	19,825	4,388	53,125	318
Arizona	29,110	6,946	6,411	535	22,164	3,771	15,543	9,796
Arkansas	55,344	21,223	19,402	1,821	34,121	9,435	45,909	—
California	<sup>2</sup> 97,942	52,856	45,278	7,578	45,076	12,705	74,937	10,300
Colorado	75,769	16,273	15,781	492	59,496	11,854	53,127	738
Connecticut	10,918	8,788	6,469	2,319	2,130	2,668	8,250	—
Delaware	3,754	2,936	2,045	891	818	3,754	—	—
Florida	38,213	15,788	13,989	1,799	22,425	7,850	29,437	1,126
Georgia	98,128	29,128	23,617	5,509	69,002	12,416	85,712	—
Idaho	36,015	16,334	16,099	235	19,681	4,972	24,847	8,196
Illinois	104,440	81,375	69,458	11,917	23,066	10,199	94,241	—
Indiana	81,576	71,273	62,310	8,963	10,303	9,516	72,060	—
Iowa	101,557	58,428	52,977	5,451	43,129	8,768	92,789	—
Kansas	129,462	30,141	34,344	1,797	93,321	9,373	120,074	15
Kentucky	58,349	31,788	29,233	2,555	26,561	9,729	47,901	819
Louisiana	37,004	21,005	16,963	4,022	15,999	17,832	19,372	—
Maine	20,606	10,932	16,194	738	3,674	8,974	11,536	96
Maryland	16,809	10,875	6,781	4,094	5,934	4,413	12,311	65
Massachusetts	17,312	16,136	13,175	2,961	1,176	1,796	15,816	—
Michigan	92,968	67,358	60,054	7,304	25,610	8,433	84,535	—
Minnesota	106,615	77,104	74,136	2,978	32,511	10,807	97,657	1,161
Mississippi	61,118	33,021	30,219	2,802	28,097	6,076	54,013	1,029
Missouri	116,838	54,005	49,390	4,615	62,833	15,439	100,629	770
Montana	69,707	17,275	17,243	32	52,432	8,242	56,257	5,308
Nebraska	100,630	26,293	25,048	1,245	74,337	8,893	91,476	299
Nevada	23,759	4,244	4,198	46	19,515	5,530	18,229	—
New Hampshire	12,491	8,374	7,934	450	4,117	3,537	8,846	108
New Jersey	18,341	14,359	11,608	2,751	3,982	1,754	16,587	—
New Mexico	61,916	8,331	8,003	328	53,585	9,372	48,671	3,873
New York	80,965	68,411	43,620	24,791	12,554	14,196	66,767	—
North Carolina	60,655	34,001	29,851	4,150	26,064	50,386	—	1,269
North Dakota	114,657	24,206	24,182	24	90,451	6,896	107,247	414
Ohio	85,830	74,563	63,514	11,049	11,267	16,155	69,675	—
Oklahoma	100,445	17,883	14,174	3,709	82,562	9,612	89,708	1,225
Oregon	53,570	22,285	18,853	3,432	31,285	7,462	33,441	12,667
Pennsylvania	96,535	47,763	30,047	17,716	38,772	38,593	47,962	60
Rhode Island	2,513	2,145	1,544	601	368	772	1,741	—
South Carolina	45,835	18,553	13,163	2,390	30,282	12,929	32,906	—
South Dakota	98,673	26,356	26,039	317	72,317	6,087	91,639	947
Tennessee	64,968	47,856	44,662	3,294	17,132	7,632	56,821	535
Texas	196,230	70,184	56,601	13,493	126,046	24,656	171,574	—
Utah	<sup>3</sup> 24,058	8,287	7,864	423	15,497	4,864	15,533	3,662
Vermont	13,485	7,817	7,435	382	5,698	1,819	11,644	22
Virginia	<sup>4</sup> 48,297	36,663	30,651	6,014	11,555	46,885	738	674
Washington	50,082	29,782	26,670	4,112	20,300	6,050	39,917	4,115
West Virginia	34,217	15,690	12,847	2,843	18,527	32,797	1,065	235
Wisconsin	85,020	74,534	69,008	4,526	10,486	9,305	75,130	576
Wyoming	26,794	5,677	5,650	27	21,117	4,090	20,804	2,110

<sup>1</sup> Low type includes soil-surfaced, gravel or stone, and low-type bituminous; high type includes high-type bituminous, Portland cement concrete, brick, block, and dual-type surfaces.

<sup>2</sup> Mileages shown are in addition to those forming a part of State or local highway systems.

<sup>3</sup> Total includes 361 miles, not classified by type, for the following States: California, 10; Utah, 274; Virginia, 77.

<sup>4</sup> Includes 2,508 miles of State park, forest, and reservation roads.

Source: Federal Works Agency, Public Roads Administration; Highway Statistics, 1946.

## No. 546.—DISBURSEMENTS OF STATE-HIGHWAY FUNDS, BY STATES: 1921 TO 1946

[Includes disbursements, whether from current revenues or proceeds of loans, for construction, maintenance, interest and principal payments on highway bonds, transfers to local units, and miscellaneous disbursements. Beginning 1935 covers calendar years; figures for earlier years for many States represent fiscal years. Beginning with 1940, figures not comparable with those for prior years as they include data for certain State income applicable to highways, namely, proceeds of highway-user imposts allotted, without passing through State highway departments, by State treasurer for (1) county and other local roads and streets and for (2) nonhighway purposes. These data not included in prior years]

[In thousands of dollars]

DIVISION AND STATE	Year in which first State-aid law passed	1921	1930	1935	1940	1943	1945	1944	1945	1946
<b>Cont. U. S.</b>		411,935	1,123,677	848,355	1,591,290	1,469,862	1,241,494	1,212,968	1,255,296	1,663,599
<b>New England</b>		25,910	76,418	81,054	98,625	84,837	56,743	58,978	64,634	89,091
Maine	1901	6,524	17,184	11,671	13,580	10,126	9,275	9,791	10,169	18,646
New Hampshire	1903	2,360	9,640	8,165	8,386	7,038	5,174	5,110	6,935	7,993
Vermont	1898	951	9,013	5,920	8,365	4,679	3,972	4,093	3,975	6,134
Massachusetts	1892	7,864	21,926	38,719	37,635	29,494	18,190	20,157	21,428	22,905
Rhode Island	1902	2,213	3,367	3,081	8,011	8,256	5,889	5,764	6,880	7,613
Connecticut	1895	5,998	15,288	16,896	22,678	25,244	16,243	13,156	15,177	25,598
<b>Middle Atlantic</b>		101,475	216,236	127,613	307,819	280,780	214,396	207,582	186,779	222,287
New York	1898	36,855	73,233	54,770	158,946	132,732	99,406	97,142	72,575	88,766
New Jersey	1891	15,608	47,414	26,771	57,509	47,236	41,755	37,919	43,980	34,991
Pennsylvania	1903	49,012	95,589	45,972	91,364	100,812	73,235	72,501	70,215	96,530
<b>E. N. Central</b>		68,512	190,573	141,442	312,905	309,883	277,505	267,129	242,329	308,847
Ohio	1904	13,547	47,491	25,772	93,403	93,702	80,953	73,549	76,257	96,343
Indiana	1917	8,110	22,569	17,953	40,461	39,676	35,037	38,501	34,985	42,802
Illinois	1906	15,693	48,554	42,729	70,536	62,923	56,194	52,505	53,188	72,812
Michigan	1905	16,744	46,136	23,653	67,403	74,297	66,886	68,721	50,159	60,118
Wisconsin	1911	12,417	25,623	31,335	41,102	39,283	32,435	31,853	27,740	35,972
<b>W. N. Central</b>		49,078	171,732	112,817	168,681	128,550	102,691	103,968	109,097	144,521
Minnesota	1905	7,480	39,365	22,950	31,275	29,845	21,209	21,547	22,807	35,998
Iowa	1904	18,276	50,607	22,239	32,517	33,208	24,143	23,643	22,683	32,661
Missouri	1907	4,727	43,921	27,661	27,553	23,176	20,250	19,453	20,554	28,456
North Dakota	1909	1,030	3,992	4,911	7,355	6,154	4,741	5,833	6,105	6,927
South Dakota	1911	4,738	5,915	8,728	9,236	5,978	5,802	5,535	5,644	8,344
Nebraska	1911	4,836	11,087	10,379	20,117	13,938	13,119	15,130	15,802	22,168
Kansas	1911	6,991	16,845	17,949	20,628	16,091	13,633	12,807	15,552	29,767
<b>South Atlantic</b>		51,181	139,904	127,216	232,740	206,586	178,262	173,961	194,163	268,117
Delaware	1903	3,765	8,492	3,613	4,379	3,767	2,955	3,163	3,340	4,941
Maryland	1898	7,616	17,992	14,700	27,243	25,325	22,375	17,588	19,422	25,669
Dist. of Col.	1938	(1)	(1)	(1)	6,588	7,811	5,297	4,173	4,362	7,908
Virginia	1906	7,114	19,189	19,790	28,277	31,096	22,847	25,264	29,487	47,308
West Virginia	1909	1,877	23,306	20,406	25,835	28,632	23,965	25,794	26,876	31,922
North Carolina	1901	15,100	25,613	28,083	39,799	28,510	25,604	26,489	29,120	55,102
South Carolina	1917	3,941	22,753	12,597	22,804	21,718	15,668	15,309	21,609	27,005
Georgia	1908	9,664	12,099	16,479	38,803	23,921	26,230	18,308	24,214	36,384
Florida	1915	2,102	9,858	11,548	39,012	35,818	33,321	37,093	35,731	50,935
<b>E. S. Central</b>		15,821	52,737	55,168	118,474	98,244	92,136	86,918	99,980	131,199
Kentucky	1912	3,757	19,497	18,806	25,716	21,865	21,229	16,486	19,603	25,892
Tennessee	1915	6,328	53,278	14,190	34,031	28,835	28,343	31,418	31,706	45,638
Alabama	1911	1,036	15,873	12,197	27,723	28,434	26,253	20,407	25,813	31,630
Mississippi	1915	3,800	4,689	9,976	31,004	19,110	16,411	18,607	22,859	28,049
<b>W. S. Central</b>		34,417	136,738	80,597	151,120	156,691	136,588	130,336	128,398	186,749
Arkansas	1913	7,520	39,821	16,102	18,278	14,749	15,802	14,642	15,112	21,836
Louisiana	1910	5,347	29,357	19,022	29,662	20,458	26,343	25,965	21,702	31,737
Oklahoma	1911	4,775	20,228	11,568	23,806	27,810	26,917	26,879	24,223	33,955
Texas	1917	16,775	47,332	33,905	79,874	83,674	67,526	62,860	67,362	97,221
<b>Mountain</b>		27,453	47,023	50,088	73,634	67,645	49,222	59,636	49,616	92,716
Montana	1912	3,640	8,378	7,633	11,741	8,857	6,261	6,405	6,682	12,340
Idaho	1906	4,863	6,637	8,105	8,039	7,694	7,664	6,120	5,674	11,965
Wyoming	1911	3,446	3,690	5,078	6,272	3,868	2,140	3,101	3,318	8,150
Colorado	1909	4,156	8,144	7,781	14,694	13,710	11,468	11,113	11,671	16,560
New Mexico	1909	3,713	9,138	7,359	13,428	8,289	6,096	7,743	8,088	16,353
Arizona	1909	2,948	5,233	5,631	8,364	6,892	6,151	6,806	6,056	11,740
Utah	1909	3,107	5,193	5,914	6,342	6,537	8,003	6,962	6,222	8,360
Nevada	1911	1,590	2,710	4,587	4,264	3,798	2,549	2,384	1,905	6,239
<b>Pacific</b>		39,339	68,215	72,459	147,292	148,754	132,651	134,376	160,911	187,162
Washington	1905	9,696	15,806	17,666	39,925	22,380	25,669	27,352	26,602	39,698
Oregon	1913	17,828	14,668	16,991	16,383	19,448	16,137	15,819	14,234	22,750
California	1895	10,815	37,741	37,802	88,982	104,926	91,856	91,205	128,075	124,744

1 Data not available.

Source: Federal Works Agency, Public Roads Administration; annual statements on State-highway finance.

**No. 547.—STATE-HIGHWAY FUNDS AVAILABLE, BY SOURCE, AND DISBURSEMENTS, BY PURPOSE, BY STATES: 1946**

[In thousands of dollars. Includes receipts and disbursements of all State imposts on highway users, all other funds available to State highway departments, and State funds other than those of highway department which were reported as being applied to highway purposes. Excludes data for a number of intrastate authorities, notably Pennsylvania Turnpike Commission]

DIVISION AND STATE	FUNDS AVAILABLE					DISBURSEMENTS				
	Total	Motor-vehicle fees, motor-fuel and motor-carrier taxes	Federal funds	Income from bonds, notes, and other loans	All other sources <sup>1</sup>	Total <sup>2</sup>	For State-administered highways			For county and local roads and streets
							Capital outlay, roads and bridges <sup>3</sup>	Maintenance <sup>4</sup>	Other <sup>5</sup>	
<b>Cont. U. S.</b>	<b>2,959,836</b>	<b>1,682,884</b>	<b>147,230</b>	<b>49,831</b>	<b>1,159,961</b>	<b>1,669,889</b>	<b>500,816</b>	<b>818,838</b>	<b>236,749</b>	<b>460,462</b>
<b>New England</b>	<b>150,678</b>	<b>81,124</b>	<b>5,733</b>	<b>14,978</b>	<b>48,740</b>	<b>89,091</b>	<b>24,765</b>	<b>23,309</b>	<b>14,898</b>	<b>18,481</b>
Maine	33,280	11,623	1,124	14,978	5,555	18,848	7,453	6,752	3,900	458
New Hampshire	10,929	7,068	364		3,487	7,993	1,850	3,225	1,918	793
Vermont	10,345	5,855	501		3,989	8,134	1,290	1,893	368	2,451
Massachusetts	47,580	20,265	2,581		15,734	22,905	5,323	4,291	3,311	7,834
Rhode Island	8,815	7,404	86		1,325	7,613	1,134	1,845	1,070	59
Connecticut	39,626	19,909	1,077		18,640	25,598	7,706	5,803	4,331	5,887
<b>Middle Atlantic</b>	<b>559,519</b>	<b>275,782</b>	<b>9,973</b>	<b>2,568</b>	<b>379,204</b>	<b>222,287</b>	<b>72,163</b>	<b>42,554</b>	<b>51,719</b>	<b>45,280</b>
New York	373,377	124,973	4,099	3,560	240,745	88,766	28,287	13,068	24,611	18,385
New Jersey	100,040	48,576	1,856		49,608	34,991	8,855	5,426	6,098	11,123
Pennsylvania	186,102	102,233	4,018		79,851	98,530	35,021	24,080	21,010	15,773
<b>E. N. Central</b>	<b>469,116</b>	<b>312,636</b>	<b>14,536</b>		<b>140,988</b>	<b>308,847</b>	<b>62,118</b>	<b>56,545</b>	<b>29,186</b>	<b>132,944</b>
Ohio	117,117	95,883	2,321		19,113	96,343	13,178	20,287	6,712	48,689
Indiana	45,918	39,160	3,461		3,297	42,802	14,312	7,841	3,294	15,235
Illinois	143,903	71,634	2,753		69,514	72,812	12,849	8,641	15,723	32,438
Michigan	86,284	62,630	3,989		19,425	60,118	11,993	12,747	1,177	31,332
Wisconsin	81,908	44,309	2,010		35,589	35,972	9,786	7,329	2,280	11,290
<b>W. N. Central</b>	<b>267,367</b>	<b>142,237</b>	<b>24,246</b>		<b>100,884</b>	<b>184,521</b>	<b>57,690</b>	<b>32,835</b>	<b>32,683</b>	<b>32,343</b>
Minnesota	71,903	32,593	6,254		33,056	35,908	14,718	6,763	5,546	7,767
Iowa	49,892	29,159	2,410		18,323	32,861	8,667	3,518	10,453	9,624
Missouri	55,091	26,092	3,557		25,442	28,456	8,402	8,140	10,931	39
North Dakota	8,368	3,591	1,764		2,001	6,927	2,213	1,850	517	2,037
South Dakota	13,498	7,413	1,594		4,491	8,344	2,222	3,370	852	1,635
Nebraska	27,249	18,754	3,717		4,778	22,188	7,741	3,416	861	6,536
Kansas	40,378	22,635	4,960		12,793	29,767	14,235	5,778	3,523	4,620
<b>South Atlantic</b>	<b>453,496</b>	<b>248,710</b>	<b>19,293</b>	<b>18,136</b>	<b>172,350</b>	<b>288,117</b>	<b>96,873</b>	<b>70,166</b>	<b>56,637</b>	<b>31,173</b>
Delaware	4,941	3,926	911		104	4,941	1,909	962	1,599	( <sup>6</sup> )
Maryland	42,527	21,455	606		20,466	25,699	8,196	3,806	5,102	8,415
Dist. of Columbia	11,568	6,296	158		5,214	7,898				7,114
Virginia	59,230	37,769	2,217		19,244	47,203	19,029	20,544	5,704	341
West Virginia	42,086	20,408	2,140	8,913	10,625	31,922	9,095	12,020	10,489	( <sup>6</sup> )
North Carolina	122,844	50,898	4,530		67,418	56,182	25,119	16,124	12,572	( <sup>6</sup> )
South Carolina	44,256	21,783	2,894	6,065	13,574	27,003	8,343	5,288	9,253	2,967
Georgia	56,093	34,771	4,449		17,473	36,384	12,518	6,535	4,543	6,172
Florida	74,251	51,434	1,417	3,158	18,242	50,933	13,002	4,887	7,375	6,164
<b>E. S. Central</b>	<b>203,995</b>	<b>118,294</b>	<b>12,196</b>	<b>6,696</b>	<b>65,809</b>	<b>131,199</b>	<b>38,045</b>	<b>16,332</b>	<b>28,367</b>	<b>37,254</b>
Kentucky	43,172	26,630	3,210		13,333	25,892	10,233	7,250	3,462	4,125
Tennessee	73,709	40,250	4,732	1,669	29,058	45,638	13,049	3,017	11,837	10,014
Alabama	45,096	30,263	3,261		11,571	31,620	8,465	3,522	5,118	12,615
Mississippi	40,018	21,151	1,993	5,027	11,847	28,049	6,298	2,543	7,970	10,802
<b>W. S. Central</b>	<b>321,680</b>	<b>186,736</b>	<b>24,067</b>	<b>2,947</b>	<b>107,930</b>	<b>186,749</b>	<b>52,218</b>	<b>35,848</b>	<b>36,248</b>	<b>31,547</b>
Arkansas	44,445	21,727	4,490		18,228	23,836	6,466	4,644	9,576	2,631
Louisiana	62,070	29,388	2,518	2,906	27,258	31,737	4,098	9,335	9,932	708
Oklahoma	61,847	40,994	5,361		15,492	33,955	12,415	6,978	2,948	10,212
Texas	153,318	94,627	11,698	41	46,952	97,221	29,239	14,091	13,892	17,990
<b>Mountain</b>	<b>124,579</b>	<b>68,852</b>	<b>18,397</b>	<b>3,504</b>	<b>33,826</b>	<b>92,716</b>	<b>38,331</b>	<b>17,678</b>	<b>17,847</b>	<b>14,252</b>
Montana	16,869	7,711	2,457	1,504	5,187	13,340	4,446	3,253	4,002	1,394
Idaho	13,152	9,366	1,415		2,351	11,965	4,621	3,387	941	2,884
Wyoming	14,268	5,845	2,500		5,923	8,159	4,818	1,280	910	1,100
Colorado	25,383	15,169	1,598		8,626	16,560	5,335	1,751	3,915	4,509
New Mexico	17,013	10,100	3,153	2,000	1,755	18,383	7,254	2,962	4,436	336
Arizona	19,068	10,176	3,403		5,479	11,740	5,005	1,961	1,345	2,671
Utah	10,578	7,408	1,102		2,068	8,380	2,791	2,257	1,361	1,061
Nevada	8,268	3,067	2,764		2,437	6,239	4,061	1,027	937	15
<b>Pacific</b>	<b>304,515</b>	<b>167,433</b>	<b>17,790</b>		<b>119,292</b>	<b>187,162</b>	<b>59,705</b>	<b>24,171</b>	<b>29,644</b>	<b>56,221</b>
Washington	55,047	29,796	3,576		21,765	39,668	9,194	5,580	4,340	19,432
Oregon	40,832	21,832	2,339		14,661	22,750	8,220	6,372	3,212	3,682
California	208,636	113,835	11,875		82,926	124,744	42,291	12,219	21,492	33,107

<sup>1</sup> Balances from 1945, totaling \$987,256,000; and miscellaneous revenues, totaling \$172,725,000.

<sup>2</sup> Includes disbursements not shown separately and not elsewhere included: For collection and administration of highway-user revenues, \$58,506,000; for nonhighway purposes, \$94,578,000.

<sup>3</sup> Includes some administrative, equipment, and miscellaneous disbursements.

<sup>4</sup> Disbursements for interest, retirement of debt; local debt assumed, highway police; and those for administration, engineering, equipment, and miscellaneous purposes not charged to construction and maintenance.

<sup>5</sup> Expenditures on county roads under State control included with those for State-administered highways.

Source: Federal Works Agency, Public Roads Administration; Highway Statistics, 1946.



No. 548.—FEDERAL HIGHWAY PROJECTS, BY STATES: STATUS AS OF JUNE 30, 1947

[All figures except mileage data in thousands of dollars. Data include projects financed with Federal-aid and emergency funds]

STATE OR OTHER AREA	COMPLETED DURING FISCAL YEAR			UNDER CONSTRUCTION			APPROVED—NOT UNDER CONSTRUCTION			Federal aid funds available for future projects
	Total cost	Federal funds	Miles	Total cost	Federal funds	Miles	Total cost	Federal funds	Miles	
Total.....	207, 443	118, 073	7, 797. 0	735, 638	390, 470	14, 622. 1	320, 988	153, 859	8, 044. 1	1, 655, 206
Alabama.....	4, 544	2, 544	139. 0	15, 618	7, 360	420. 1	3, 361	1, 496	103. 5	13, 417
Arizona.....	4, 960	3, 501	180. 1	7, 567	5, 190	106. 8	523	371	10. 7	6, 679
Arkansas.....	3, 445	1, 873	144. 3	14, 222	7, 826	361. 4	6, 292	3, 020	211. 3	8, 984
California.....	11, 404	6, 316	183. 0	63, 344	33, 871	327. 4	13, 777	5, 914	124. 2	14, 082
Colorado.....	2, 269	1, 326	71. 3	8, 478	5, 100	149. 9	4, 773	2, 953	134. 1	13, 061
Connecticut.....	2, 952	1, 413	15. 3	5, 928	2, 948	27. 7	2, 102	1, 296	5. 8	5, 608
Delaware.....	1, 299	911	35. 6	963	572	20. 1	2, 158	1, 218	41. 6	4, 613
District of Columbia.....	1, 516	746	8. 0	3, 312	1, 744	5. 5	8, 270	3, 479	2. 9	2, 941
Florida.....	1, 687	824	37. 4	9, 459	4, 442	187. 5	4, 142	1, 992	112. 0	9, 278
Georgia.....	4, 685	2, 796	180. 1	22, 221	11, 602	631. 3	5, 800	3, 118	143. 0	18, 317
Idaho.....	1, 146	703	46. 1	8, 138	4, 999	200. 7	3, 167	2, 049	61. 1	5, 271
Illinois.....	6, 191	2, 218	93. 9	13, 001	6, 776	164. 1	18, 964	8, 356	255. 4	46, 498
Indiana.....	5, 712	3, 101	67. 5	15, 599	8, 117	143. 9	9, 111	4, 589	57. 9	14, 981
Iowa.....	6, 224	2, 909	567. 7	16, 777	7, 776	569. 5	8, 344	3, 199	442. 2	14, 264
Kansas.....	7, 232	3, 485	637. 8	25, 302	13, 339	963. 8	10, 972	4, 803	777. 1	12, 547
Kentucky.....	5, 454	2, 860	252. 3	14, 573	7, 345	321. 2	7, 809	3, 902	145. 3	9, 670
Louisiana.....	1, 151	577	6. 2	6, 305	3, 257	69. 5	8, 431	3, 853	65. 8	12, 480
Maine.....	234	126	3. 6	6, 214	3, 658	85. 7	2, 055	1, 004	30. 0	6, 632
Maryland.....	1, 495	871	26. 9	9, 227	5, 719	93. 6	1, 519	723	31. 6	8, 628
Massachusetts.....	1, 602	963	8. 8	10, 889	6, 154	38. 7	2, 472	1, 482	3. 0	21, 743
Michigan.....	4, 070	2, 037	154. 1	26, 149	12, 318	292. 5	17, 034	7, 561	205. 4	18, 669
Minnesota.....	5, 734	2, 920	322. 7	24, 044	11, 698	955. 8	10, 209	4, 574	729. 8	12, 671
Mississippi.....	2, 249	1, 301	52. 1	14, 828	7, 384	399. 2	9, 047	4, 654	308. 3	10, 061
Missouri.....	4, 164	2, 558	216. 2	16, 293	8, 509	379. 9	11, 268	5, 251	414. 9	24, 940
Montana.....	2, 870	1, 687	81. 2	10, 506	6, 439	320. 3	2, 309	1, 228	91. 3	16, 627
Nebraska.....	5, 289	2, 625	199. 0	11, 356	5, 553	590. 9	4, 448	2, 088	242. 7	11, 798
Nevada.....	2, 027	1, 669	68. 2	6, 199	4, 981	223. 5	640	531	36. 8	5, 262
New Hampshire.....	422	306	2. 4	2, 993	1, 654	10. 3	1, 169	629	12. 1	4, 079
New Jersey.....	697	523	1. 5	19, 271	10, 081	17. 4	1, 588	970	1. 8	10, 845
New Mexico.....	5, 566	3, 688	227. 9	4, 305	2, 828	81. 6	1, 024	655	41. 9	8, 105
New York.....	2, 563	1, 685	51. 5	31, 462	15, 909	208. 2	21, 253	9, 010	217. 0	52, 134
North Carolina.....	6, 684	3, 549	240. 7	20, 588	10, 408	578. 6	7, 643	3, 735	136. 2	13, 021
North Dakota.....	2, 156	1, 285	117. 7	5, 686	3, 180	264. 3	4, 046	2, 409	181. 6	10, 228
Ohio.....	2, 397	1, 386	23. 5	23, 889	11, 623	92. 0	10, 739	5, 645	88. 0	25, 852
Oklahoma.....	12, 884	7, 457	625. 7	11, 730	6, 280	286. 3	6, 106	2, 832	344. 3	15, 654
Oregon.....	7, 746	4, 688	197. 7	12, 947	7, 380	228. 4	2, 731	1, 508	77. 2	7, 107
Pennsylvania.....	5, 484	2, 819	36. 3	42, 978	21, 959	224. 3	13, 287	6, 896	69. 9	28, 349
Rhode Island.....	98	50	-----	607	304	-----	1, 158	618	5. 5	7, 552
South Carolina.....	5, 330	2, 881	251. 6	14, 240	7, 011	461. 5	3, 405	1, 530	56. 7	7, 383
South Dakota.....	987	590	86. 8	7, 945	5, 262	440. 2	4, 007	2, 478	362. 2	9, 218
Tennessee.....	6, 941	4, 709	97. 8	17, 151	10, 515	232. 8	11, 407	5, 602	203. 7	14, 048
Texas.....	23, 573	12, 114	1, 591. 5	58, 799	29, 605	2, 118. 3	14, 246	6, 680	529. 4	24, 041
Utah.....	1, 381	1, 120	34. 2	5, 276	4, 000	178. 7	2, 986	2, 191	79. 4	6, 250
Vermont.....	209	149	7. 7	4, 083	2, 108	40. 2	555	285	11. 4	2, 542
Virginia.....	3, 390	2, 316	22. 8	18, 781	11, 293	134. 3	7, 050	3, 433	322. 8	12, 713
Washington.....	8, 739	5, 657	243. 9	10, 136	5, 294	181. 9	3, 029	1, 597	76. 7	5, 772
West Virginia.....	1, 002	606	4. 4	8, 020	4, 161	96. 8	2, 812	1, 515	28. 1	7, 219
Wisconsin.....	3, 369	1, 471	83. 3	13, 496	5, 067	292. 1	7, 907	2, 876	292. 1	19, 407
Wyoming.....	1, 029	734	34. 8	9, 992	6, 704	371. 8	2, 188	1, 465	79. 2	5, 036
Alaska.....	-----	-----	-----	125	105	. 9	-----	-----	-----	-----
Hawaii.....	3, 373	3, 237	14. 0	3, 611	2, 575	19. 2	4, 215	1, 891	4. 8	2, 967
Puerto Rico.....	316	189	. 9	1, 015	484	11. 5	7, 443	2, 705	34. 4	4, 559

<sup>1</sup> Includes \$1,402,000 of funds not apportioned to the States.  
Source: Federal Works Agency, Public Roads Administration; June 30 statements on status of Federal highway projects and balances of funds apportioned to all States for programmed projects.



**No. 549.—MOTOR VEHICLES—FACTORY SALES AND REGISTRATIONS: 1900 TO 1946**

[For 1921 and subsequent years includes data for motor vehicles assembled in foreign countries from parts made in United States. Excludes motorcycles]

YEAR	FACTORY SALES						REGISTRATIONS (IN THOUSANDS)		
	Number (in thousands)			Wholesale value (thousands of dollars)			Total (excl. publicly owned)	Passen- ger cars, busses, and taxis	Motor trucks
	Total	Passen- ger cars	Motor trucks <sup>1</sup>	Total	Passen- ger cars	Motor trucks <sup>1</sup>			
1900.....	4	4	-----	4,899	4,899	-----	8	8	-----
1905.....	25	24	1	40,000	38,670	1,330	79	77	1
1910.....	187	181	6	225,000	215,340	9,660	469	458	10
1915.....	970	896	74	701,778	575,978	125,800	2,491	2,332	159
1916.....	1,618	1,526	92	1,062,378	921,378	161,000	3,618	3,368	250
1917.....	1,874	1,746	128	1,274,488	1,053,506	220,983	5,119	4,727	391
1918.....	1,171	943	227	1,236,107	801,938	434,169	6,160	5,555	605
1919.....	1,876	1,652	225	1,736,818	1,365,395	371,423	7,577	6,679	898
1920.....	2,227	1,906	322	2,232,420	1,809,171	423,249	9,239	8,132	1,108
1921.....	1,616	1,468	148	1,204,262	1,038,191	166,071	10,494	9,212	1,282
1922.....	2,544	2,274	270	1,720,564	1,494,514	226,050	12,274	10,704	1,570
1923.....	4,034	3,625	409	2,504,810	2,196,272	308,538	15,102	13,253	1,849
1924.....	3,603	3,186	417	2,288,677	1,970,097	318,581	17,613	15,436	2,177
1925.....	4,266	3,735	531	2,916,770	2,458,370	458,400	19,941	17,458	2,483
1926.....	4,301	3,784	517	3,092,188	2,640,065	452,123	22,053	19,245	2,807
1927.....	3,401	2,937	465	2,584,802	2,164,671	420,131	23,140	20,170	2,970
1928.....	4,359	3,815	543	3,013,622	2,576,490	437,132	24,512	21,340	3,172
1929.....	5,358	4,587	771	3,413,148	2,847,119	566,030	26,503	23,094	3,408
1930.....	3,356	2,785	571	2,034,835	1,645,399	389,437	26,532	23,013	3,519
1931.....	2,390	1,973	417	1,373,691	1,111,274	262,418	25,862	22,372	3,490
1932.....	1,371	1,135	235	754,485	618,291	136,193	24,133	20,876	3,257
1933.....	1,920	1,574	347	948,806	762,737	186,069	23,877	20,631	3,246
1934.....	2,753	2,178	575	1,467,260	1,147,116	320,144	24,954	21,524	3,430
1935.....	3,947	3,252	695	2,068,834	1,709,426	379,408	26,230	22,554	3,676
1936.....	4,454	3,670	785	2,478,467	2,015,646	462,820	28,172	24,171	4,001
1937.....	4,809	3,916	893	2,847,270	2,304,349	542,921	29,706	25,457	4,249
1938.....	2,489	2,001	488	1,608,992	1,269,765	339,227	29,443	25,232	4,210
1939.....	3,577	2,867	710	2,318,857	1,816,435	502,422	30,615	26,208	4,407
1940.....	4,472	3,717	755	3,018,525	2,441,513	577,012	32,035	27,445	4,590
1941.....	4,841	3,780	1,061	3,761,549	2,673,957	1,087,592	34,472	29,613	4,859
1942.....	1,042	223	819	1,610,245	174,063	1,436,162	32,579	27,971	4,608
1943.....	700	( <sup>2</sup> )	700	1,453,576	109	1,453,467	30,500	26,019	4,480
1944.....	738	1	738	1,712,832	476	1,712,356	30,086	25,573	4,513
1945.....	725	70	656	1,280,560	60,603	1,219,957	30,638	25,804	4,835
1946.....	3,090	2,149	941	3,215,808	2,124,923	1,090,885	33,946	28,220	5,726

<sup>1</sup> A substantial part of the trucks reported comprises chassis without body; hence value of bodies for these chassis not included. Includes military trucks; total sales for the period Sept. 1, 1939 through 1946 amounted to 2,559,000, valued at \$5,238,234,000. Production for the period Jan. 1, 1940 through 1946 was 2,601,000.

<sup>2</sup> Less than 500.

Sources: Factory sales—Automobile Manufacturers Association, Detroit, Mich.; Automobile Facts and Figures. Registrations—Federal Works Agency, Public Roads Administration; Highway Statistics, Summary to 1945.

**No. 550.—MOTOR FUEL CONSUMPTION: 1938 TO 1946**

[In millions of gallons. Excludes exports and Federal purchases for military use. Data obtained chiefly from reports of State authorities]

USE	1938	1939	1940	1941	1942	1943	1944	1945	1946
Total consumption.....	21,637	22,916	24,404	26,720	22,692	18,571	19,524	22,304	29,201
Total usage.....	21,312	22,572	24,039	26,429	22,439	18,643	19,292	22,047	28,877
Highway.....	19,612	20,714	22,001	24,192	19,940	16,004	16,430	19,149	25,649
Nonhighway.....	1,700	1,857	2,037	2,237	2,499	2,639	2,862	2,898	3,228
Private and commercial use, total.....	20,703	21,912	23,324	25,713	21,831	18,196	18,837	21,576	28,382
Highway.....	19,110	20,171	21,418	23,638	19,473	15,668	16,090	18,798	25,269
Nonhighway.....	1,592	1,741	1,906	2,075	2,358	2,528	2,748	2,778	3,113
Public use, total.....	609	660	714	717	608	447	455	471	495
Federal.....	214	230	263	120	101	42	42	43	44
Highway.....	155	168	193	120	101	42	42	43	44
Nonhighway.....	59	63	70	-----	-----	-----	-----	-----	-----
State, county, and municipal.....	395	430	452	597	507	405	412	428	450
Highway.....	346	376	391	435	366	294	298	308	336
Nonhighway.....	49	53	61	162	141	111	115	120	115
Losses allowed for evaporation, handling, etc.....	326	345	366	291	254	229	232	257	325

Source: Federal Works Agency, Public Roads Administration; Highway Statistics, Summary to 1945.

No. 551.—MOTOR TRUCKS AND TRUCK TRACTORS—PRODUCTION: 1936 TO 1945

[Data cover production of trucks for military and civilian use; Jeeps, military ambulances, and wheel-drive personnel carriers are included; half-tracks and armored cars are excluded. Military classification includes those procured by Army, Navy, Aircraft Resources Control Office, Canada, and Treasury for military use; civilian classification includes those produced for civilian use under W. P. B. Limitation Orders. Data have been converted from "rated tonnage capacity" to "gross vehicle weight"]

YEAR	TOTAL	MILITARY	CIVILIAN	TOTAL	MILITARY	CIVILIAN
	All sizes			Light (under 9,000 lbs. gross vehicle weight)		
1936	773,342	2,725	770,617	318,193	1,004	317,189
1937	875,038	1,703	873,335	397,882	368	397,514
1938	483,560	2,248	481,312	212,253	690	211,563
1939	693,023	6,188	686,835	309,229	1,651	307,578
1940	758,565	55,389	703,176	354,403	13,365	341,038
1941	1,042,065	218,880	823,205	439,631	72,164	367,467
1942	796,927	671,633	125,294	300,840	277,413	23,427
1943	675,502	672,614	2,888	268,438	268,438	-----
1944	743,402	624,669	118,733	247,113	247,113	-----
1945	668,578	354,935	313,643	204,771	182,574	72,197
	Medium (9,000-15,000 lbs. gross vehicle weight)			Heavy (16,000 lbs. and over gross vehicle weight)		
1936	418,278	1,125	417,153	36,871	596	36,275
1937	438,496	1,266	437,230	38,660	69	38,591
1938	249,741	1,119	248,622	21,566	439	21,127
1939	345,890	2,900	342,990	37,904	1,637	36,267
1940	358,915	36,042	322,873	45,247	5,982	39,265
1941	519,714	119,530	400,184	82,740	27,186	55,554
1942	255,260	169,188	86,072	240,827	225,032	15,795
1943	154,987	154,808	179	252,077	249,368	2,709
1944	175,368	87,380	87,988	320,921	290,176	30,745
1945	208,180	24,232	183,948	255,627	198,129	57,498

Source: War Production Board, 1944 and earlier data; published in Facts For Industry series. 1945 figures from Civilian Production Administration; press release, Feb. 11, 1946.

No. 552.—MOTOR TRUCK TRAILERS—PRODUCTION: 1939 TO 1947

YEAR	TRAILERS		YEAR	TRAILERS	
	Civilian <sup>1</sup>	Military <sup>2</sup>		Civilian <sup>1</sup>	Military <sup>2</sup>
1939	24,182	-----	1944	24,085	185,349
1940	27,118	-----	1945	34,295	<sup>3</sup> 85,967
1941	41,869	-----	1946	76,234	-----
1942	8,408	71,520	1947	53,096	-----
1943	8,054	188,811			

<sup>1</sup> Civilian-type truck trailers with a rated capacity of 5 gross tons or more, except those produced on direct military contract. Excludes trailers of less than 5 gross tons capacity or trailer bodies produced for mounting on purchased chassis.  
<sup>2</sup> All types procured by the Army, Navy, or other agencies for military purposes, including civilian type trailers produced on direct military contract.  
<sup>3</sup> First 6 months of 1945 only.

Source: War Production Board prior to September 1945; published in Facts for Industry series. Later data, Department of Commerce, Bureau of the Census; Facts for Industry Series M45F.

# No. 553.—MOTOR-VEHICLE REGISTRATIONS (COMBINED FIGURES FOR PASSENGER CARS, BUSES, AND MOTOR TRUCKS), BY STATES, 1915 TO 1946

[Excludes publicly owned vehicles. For uniformity, figures have been adjusted to a calendar year basis as registration years in States differ. Figures represent net numbers where possible, excluding reregistrations and non-resident registrations]

[In thousands]

DIVISION AND STATE	1915	1920	1925	1930	1935	1940	1945	1946
Continental U. S.....	2,491	9,239	19,941	26,532	26,230	32,035	30,638	33,946
New England.....	206	573	1,281	1,699	1,682	2,920	1,967	2,187
Maine.....	22	63	140	186	181	206	207	230
New Hampshire.....	13	35	81	112	117	135	128	142
Vermont.....	11	32	70	87	82	94	90	101
Massachusetts.....	103	274	637	846	786	904	859	970
Rhode Island.....	16	50	102	137	149	187	178	194
Connecticut.....	41	119	251	331	367	494	505	550
Middle Atlantic.....	497	1,474	3,537	4,921	4,964	5,976	5,311	5,951
New York.....	255	676	1,626	2,308	2,331	2,743	2,330	2,642
New Jersey.....	82	228	581	853	888	1,087	1,020	1,125
Pennsylvania.....	160	570	1,330	1,760	1,745	2,146	1,961	2,184
East North Central.....	667	2,229	4,917	6,363	6,665	7,296	6,884	7,497
Ohio.....	181	621	1,346	1,750	1,715	1,919	1,905	2,087
Indiana.....	97	333	725	875	851	1,000	984	1,067
Illinois.....	181	569	1,263	1,638	1,526	1,926	1,721	1,856
Michigan.....	115	413	989	1,328	1,239	1,552	1,454	1,579
Wisconsin.....	93	293	594	783	754	901	820	908
West North Central.....	590	1,782	2,942	3,682	3,494	3,960	3,663	3,951
Minnesota.....	93	324	570	733	727	871	750	808
Iowa.....	145	437	659	778	699	794	693	741
Missouri.....	76	297	604	762	766	922	854	965
North Dakota.....	25	91	145	183	164	182	181	193
South Dakota.....	29	120	168	205	179	196	179	193
Nebraska.....	59	219	339	426	406	412	406	426
Kansas.....	73	294	457	595	553	583	600	645
South Atlantic.....	161	806	1,929	2,518	2,657	3,466	3,453	3,923
Delaware.....	5	18	40	56	57	72	68	73
Maryland.....	31	103	234	322	346	444	459	525
District of Columbia.....	19	34	103	157	171	162	111	127
Virginia.....	21	115	283	376	386	500	548	627
West Virginia.....	13	81	218	266	248	303	284	324
North Carolina.....	21	141	340	453	463	592	606	680
South Carolina.....	15	94	168	218	236	337	336	394
Georgia.....	25	146	248	342	394	503	523	576
Florida.....	11	74	286	328	356	495	518	597
East South Central.....	68	358	879	1,215	1,129	1,513	1,517	1,765
Kentucky.....	20	113	262	331	346	464	435	489
Tennessee.....	26	102	245	368	352	450	460	527
Alabama.....	12	75	195	279	245	340	359	420
Mississippi.....	10	68	177	237	186	259	263	319
West South Central.....	84	773	1,794	2,411	2,360	2,891	2,767	3,097
Arkansas.....	8	59	184	220	207	257	275	319
Louisiana.....	11	73	207	275	269	365	404	423
Oklahoma.....	25	213	424	550	502	575	505	580
Texas.....	40	428	979	1,266	1,382	1,694	1,563	1,795
Mountain.....	81	371	677	964	959	1,239	1,198	1,339
Montana.....	15	61	95	125	150	191	157	175
Idaho.....	7	51	82	119	118	163	151	170
Wyoming.....	4	24	48	62	70	86	82	91
Colorado.....	29	129	240	309	285	352	342	388
New Mexico.....	7	18	49	84	92	125	118	134
Arizona.....	8	35	68	111	103	138	143	160
Utah.....	9	43	74	114	105	140	154	171
Nevada.....	2	10	21	30	25	44	46	50
Pacific.....	227	873	1,994	2,739	2,900	3,730	3,883	4,206
Washington.....	39	174	329	446	454	592	614	645
Oregon.....	24	115	217	252	294	394	414	461
California.....	164	584	1,448	2,041	2,152	2,774	2,855	3,100

Source: Federal Works Agency, Public Roads Administration; Highway Statistics, Summary to 1946.

## No. 554.—MOTOR-VEHICLE REGISTRATIONS AND REVENUES, BY STATES: 1946

DIVISION AND STATE	NUMBER OF MOTOR CARS				Trailers, registered (including official) <sup>1</sup>	Motorcycles, registered (including official)	RECEIPTS FROM MOTOR-VEHICLE ADMINISTRATION	
	Total	Registered vehicles, private and commercial		Publicly owned vehicles, Federal, State, county, etc. <sup>1</sup>			Total receipts <sup>2</sup>	Registration, motor <sup>3</sup>
		Passenger cars, busses and taxis	Trucks, tractor trucks, etc.					
Continental U. S.	34,373,002	28,220,125	5,725,692	427,185	1,947,282	314,073	520,780	416,926
New England	2,309,909	1,852,874	334,111	22,924	95,455	14,303	30,597	22,001
Maine	232,760	172,628	57,198	2,934	16,673	1,705	4,671	3,781
New Hampshire	144,504	110,126	31,869	2,579	7,699	1,229	3,214	2,842
Vermont	102,400	88,578	13,007	824	4,466	717	2,530	2,353
Massachusetts	979,415	840,818	129,293	9,507	38,777	4,579	8,211	4,867
Rhode Island	195,557	168,254	25,554	1,789	2,629	1,734	3,518	2,770
Connecticut	555,161	472,670	77,170	5,321	16,011	4,339	8,153	5,588
Middle Atlantic	5,020,043	5,066,437	863,549	68,057	178,744	49,908	121,136	95,268
New York	2,673,745	2,279,442	362,993	31,310	91,571	19,860	57,447	47,599
New Jersey	1,137,693	954,259	171,021	12,413	20,214	10,099	24,473	16,813
Pennsylvania	2,208,603	1,854,736	329,536	24,334	66,959	19,947	39,316	30,854
East North Central	7,577,223	6,511,143	983,814	80,258	565,450	77,504	117,293	96,603
Ohio	2,110,845	1,847,211	240,057	23,577	183,268	24,634	35,491	28,785
Indiana	1,075,257	900,380	168,309	8,568	120,829	17,851	13,223	9,507
Illinois	1,869,682	1,614,426	241,628	13,626	45,930	16,016	26,488	24,143
Michigan	1,602,392	1,402,215	176,880	23,297	205,437	13,029	26,672	21,939
Wisconsin	919,047	746,900	160,940	11,196	9,066	6,274	15,419	14,229
West North Central	4,018,705	3,225,256	735,912	37,537	323,778	29,490	47,694	42,048
Minnesota	815,610	676,373	131,237	8,000	59,037	8,002	10,290	9,313
Iowa	749,188	624,473	116,546	8,169	106,344	5,660	13,407	12,226
Missouri	970,939	780,338	184,868	5,733	64,530	6,487	12,304	10,700
North Dakota	194,847	139,221	53,868	1,758	1,091	575	1,705	1,400
South Dakota	195,626	150,782	42,102	2,682	27,367	1,013	1,377	1,196
Nebraska	440,787	351,331	85,144	4,312	51,808	3,966	3,685	3,119
Kansas	651,706	502,738	142,087	6,883	11,586	5,787	4,926	4,244
South Atlantic	3,984,102	3,190,764	732,422	60,924	193,440	42,505	61,566	47,521
Delaware	73,867	58,270	14,589	1,038	3,447	587	1,410	909
Maryland	529,725	440,796	84,413	4,514	14,874	5,457	7,990	4,837
District of Columbia	139,799	112,398	14,954	3,447	1,354	1,064	1,710	1,169
Virginia	536,490	510,339	116,746	9,414	27,360	8,223	9,528	6,188
West Virginia	329,497	260,222	63,942	5,333	8,414	2,899	8,175	5,904
North Carolina	695,454	556,574	123,748	15,142	64,024	6,454	11,655	10,357
South Carolina	399,640	310,191	74,322	6,127	8,314	4,359	3,094	2,427
Georgia	583,000	453,601	122,114	7,366	23,369	4,656	3,841	2,408
Florida	605,611	479,403	117,624	6,524	42,444	8,816	14,159	11,217
East South Central	1,790,865	1,383,415	401,539	25,911	28,594	15,744	25,534	20,468
Kentucky	495,733	388,069	100,568	6,466	19	3,501	6,726	3,844
Tennessee	533,795	424,916	101,698	7,282	106	5,304	7,836	6,978
Alabama	437,426	328,410	103,837	7,181	7,708	4,723	6,957	6,104
Mississippi	323,909	223,391	95,538	4,962	20,751	2,216	4,016	3,742
West South Central	3,136,284	2,412,906	683,943	41,435	143,822	28,737	52,623	39,945
Arkansas	323,597	234,306	94,241	4,760	22,209	1,986	4,857	4,078
Louisiana	427,597	331,330	92,169	4,098	26,701	4,971	4,500	3,333
Oklahoma	508,041	431,529	128,124	8,388	10,212	4,390	8,954	6,484
Texas	1,819,049	1,425,451	369,409	24,189	84,700	17,390	34,312	26,053
Mountain	1,366,320	1,018,100	320,785	27,435	55,311	9,511	14,118	10,799
Montana	179,196	130,753	54,296	4,067	5,019	712	1,794	1,351
Idaho	172,908	124,209	45,441	3,168	23,795	1,090	1,730	1,411
Wyoming	93,726	67,252	24,177	2,296	11,834	516	858	688
Colorado	394,004	303,254	84,804	5,886	3,603	3,418	3,463	2,577
New Mexico	136,282	98,847	34,855	2,580	4,701	960	2,239	1,701
Arizona	164,154	124,085	35,044	4,425	12,889	1,592	1,905	1,262
Utah	174,281	139,743	31,318	3,220	1,309	905	1,689	1,514
Nevada	51,830	39,267	10,790	1,773	3,763	328	450	365
Pacific	4,267,551	3,557,236	647,517	52,696	369,688	46,373	50,220	48,256
Washington	857,826	527,513	117,173	13,140	50,253	4,555	5,399	5,636
Oregon	468,583	361,634	99,025	7,924	30	3,697	4,555	4,396
California	3,141,142	2,668,091	431,419	41,632	310,405	38,121	39,966	32,406

<sup>1</sup> Does not include vehicles owned by War and Navy Departments and Maritime Commission.<sup>2</sup> As reported. State registration requirements differ widely.<sup>3</sup> Includes registration fees, certificates of title, transfer or registration fees, permits, fines, etc.; excludes motor-fuel and motor-carrier taxes.<sup>4</sup> Commercial full trailers included with trucks.<sup>5</sup> Includes fees for registration of trailers. For Kentucky and Tennessee, heavy semitrailers included with truck tractors as one unit.<sup>6</sup> Data for trucks under 1,500 pounds capacity included with passenger cars, etc.<sup>7</sup> Data for taxicabs included with trucks. <sup>8</sup> Includes 841 automobiles of the diplomatic corps.<sup>9</sup> Represents publicly-owned only. Other not registered.<sup>10</sup> Private and commercial trailers included with trucks.

Source: Federal Works Agency, Public Roads Administration; Highway Statistics, 1946.

**No. 555.—COMMERCIAL MOTOR VEHICLES, BY VEHICLE TYPE, BY STATES—NUMBER  
AS OF DEC. 31, 1941**

[The Nation-wide Truck and Bus Inventory covers 97.4 percent of all bus registrations and 92.4 percent of registrations of other commercial vehicles. Busses are defined as passenger-carrying vehicles of 9 persons or more. Excludes station wagons, sedan deliveries, fire engines, ambulances, hearses, small trailers of less than 3,000-pound capacity such as are pulled behind passenger cars, and converted passenger cars]

STATE OF GARAGED ADDRESS	Busses	Trucks	Truck-tractors	Semi-trailers	Trailers
<b>Total</b> .....	<b>128, 483</b>	<b>3, 711, 137</b>	<b>121, 256</b>	<b>138, 816</b>	<b>30, 417</b>
Alabama.....	3, 245	41, 769	790	559	29
Arizona.....	416	18, 743	552	642	385
Arkansas.....	1, 562	53, 877	3, 893	3, 957	49
California.....	4, 464	284, 604	8, 348	9, 748	10, 391
Colorado.....	1, 024	51, 033	1, 033	1, 222	154
Connecticut.....	1, 415	50, 511	694	892	146
Delaware.....	344	9, 957	375	391	50
District of Columbia.....	1, 149	14, 106	280	297	176
Florida.....	1, 991	62, 314	2, 244	2, 883	847
Georgia.....	3, 145	62, 596	2, 121	2, 597	289
Idaho.....	587	25, 236	214	494	383
Illinois.....	3, 251	208, 191	9, 225	8, 153	1, 040
Indiana.....	7, 161	94, 472	5, 231	5, 303	276
Iowa.....	2, 386	86, 501	1, 622	1, 861	170
Kansas.....	894	92, 339	1, 585	2, 673	496
Kentucky.....	2, 225	56, 286	552	584	54
Louisiana.....	3, 183	52, 751	4, 085	4, 453	324
Maine.....	766	37, 096	308	421	101
Maryland.....	1, 509	44, 104	1, 721	1, 700	256
Massachusetts.....	3, 290	91, 562	2, 733	3, 429	195
Michigan.....	4, 994	116, 736	4, 168	4, 337	2, 068
Minnesota.....	2, 309	106, 139	2, 338	3, 180	399
Mississippi.....	3, 745	36, 478	970	914	57
Missouri.....	3, 597	121, 573	5, 567	6, 980	432
Montana.....	860	43, 716	387	417	224
Nebraska.....	528	57, 351	1, 807	1, 990	107
Nevada.....	105	8, 097	66	94	56
New Hampshire.....	404	17, 503	252	306	16
New Jersey.....	5, 470	104, 907	3, 620	3, 733	243
New Mexico.....	923	19, 753	667	785	38
New York.....	10, 188	292, 932	7, 408	8, 571	1, 108
North Carolina.....	6, 468	74, 633	4, 216	4, 271	118
North Dakota.....	141	34, 258	277	238	8
Ohio.....	9, 310	191, 006	10, 614	12, 258	3, 170
Oklahoma.....	3, 160	71, 173	2, 269	2, 987	355
Oregon.....	1, 203	60, 813	3, 986	4, 568	1, 010
Pennsylvania.....	6, 793	223, 795	6, 484	7, 012	1, 096
Rhode Island.....	429	19, 984	398	369	112
South Carolina.....	1, 816	35, 549	1, 669	2, 381	287
South Dakota.....	349	27, 797	399	396	51
Tennessee.....	2, 672	64, 584	1, 325	1, 385	29
Texas.....	8, 087	199, 987	6, 535	9, 283	1, 280
Utah.....	701	18, 366	175	264	129
Vermont.....	181	15, 421	201	220	41
Virginia.....	3, 721	70, 381	2, 798	2, 821	293
Washington.....	2, 883	82, 115	1, 122	1, 932	1, 373
West Virginia.....	1, 353	43, 190	608	818	37
Wisconsin.....	1, 726	100, 364	2, 874	3, 445	382
Wyoming.....	360	14, 488	450	602	87

Source: Federal Works Agency, Public Roads Administration; Nation-wide Truck and Bus Inventory (Memo. No. 60).

**No. 556.—COMMERCIAL VEHICLES, BY VEHICLE TYPE, OWNERSHIP, KIND OF TRUCKING, KIND OF BUSINESS, MANUFACTURER'S RATED CAPACITY, BODY TYPE, FUEL TYPE—NUMBER AS OF DEC. 31, 1941, WITH ANNUAL AVERAGE MILEAGE FOR TRUCKS AND TRUCK-TRACTORS**

[See headnote, table 555]

ITEM	TRUCKS		TRUCK-TRACTORS		SEMI-TRAILERS	TRAILERS	
	Number	Annual average mileage	Number	Annual average mileage	Number	Number	
<b>Vehicles, total</b>	<b>3,711,137</b>	<b>10,013</b>	<b>121,254</b>	<b>30,500</b>	<b>138,816</b>	<b>30,417</b>	
<b>Ownership:</b>							
Private fleets	1,472,876	11,800	108,044	31,400	126,550	25,558	
Private nonfleets	2,000,147	8,800	12,085	24,500	10,617	2,421	
Public	139,114	11,100	1,127	10,900	1,649	2,438	
<b>Kind of trucking:</b>							
Private—Not for hire	2,936,607	9,400	49,269	25,100	61,832	17,911	
Private—For hire	636,416	12,500	70,880	34,400	75,336	10,088	
Not reported	19,140	10,700	892	22,600	1,104	216	
Common carrier	195,230	14,700	45,996	36,900	49,441	3,570	
Intrastate	128,425	(1)	8,935	(1)	8,553	2,401	
Interstate	23,135	(1)	12,957	(1)	12,612	958	
Intrastate and interstate	43,670	(1)	24,104	(1)	28,276	2,211	
Contract carrier	63,831	15,500	16,197	35,000	16,208	2,306	
Intrastate	46,558	(1)	6,021	(1)	6,038	1,433	
Interstate	7,280	(1)	3,577	(1)	3,154	219	
Intrastate and interstate	10,993	(1)	6,599	(1)	7,106	654	
Local haul	358,215	10,800	7,775	17,980	8,432	1,976	
<b>Business:</b>							
Agriculture	1,162,174	7,800	5,901	19,300	6,210	5,499	
Forestry and fishing	4,317	10,200	52	31,200	61	7	
Mining	38,634	11,100	1,199	19,100	2,841	941	
Contract construction	237,347	8,600	2,346	14,300	2,845	1,510	
Manufacturing	368,300	12,700	21,898	26,000	25,003	4,264	
Public utilities	116,319	8,500	3,120	24,100	7,249	2,124	
Retail and wholesale trade	381,390	11,300	21,519		23,608	3,601	
Finance, insurance, etc.	3,939	5,600	21	8,500		8	
Service industries	295,534	8,800	1,595	13,400	1,528	418	
Government	18,750	11,800	42	14,000	34	19	
Miscellaneous	456,319	12,900	62,436	35,360	67,778	9,585	
<b>Manufacturer's rated capacity (tons)</b>							
Trucks, truck-tractors	Trailers and semitrailers						
Less than 1	1 1/4-1 3/4	1,578,626	9,200	753	14,600	12,983	3,576
1-1 1/4	2-2 3/4	257,595	8,200	648	18,300	9,391	2,650
1 1/4	3	1,376,228	10,800	52,761	27,100	17,274	2,028
1 1/4-2 3/4	3 1/4-4 1/4	167,514	11,800	22,432	33,500	7,125	1,556
2-2 3/4	5-6 1/4	92,840	12,700	20,171	36,400	16,507	3,177
3-4 1/4	7-9 1/4	40,870	13,100	7,111	33,100	14,496	1,704
4-5 1/4	10-14 1/4	10,253	13,978	2,459	32,400	24,806	3,586
5-6 1/4	15-22 1/4	8,363	18,700	4,533	31,900	4,949	916
6-7 1/4	Not reported	172,948	9,400	10,388	27,700	31,285	10,745
7-9 1/4							
10-22 1/4							
Not reported							
<b>Body type:</b>							
Pick-up		1,263,464	8,600				
Panel		566,910	11,200				
Stake or platform		387,590	9,800			35,825	13,189
Dump		303,704	11,300			2,069	690
Cargo		128,688	10,600			15,505	1,247
Van		109,512	14,500			40,506	2,421
Rack		111,323	10,500			2,599	1,410
Express or screen		54,052	8,900			379	63
Tanks		97,005	11,600			5,829	2,293
Special and other		133,646				28,129	5,351
Not reported		54,954	11,200			6,985	3,794
Refrigerated		27,102	16,100			4,634	348
<b>Fuel types:</b>							
Gasoline		3,700,997		116,942			
Diesel		4,050		3,212			
Butane		3,139		1,064			
Electric (battery)		2,952		18			

<sup>1</sup> Data not yet available.

<sup>2</sup> Preliminary data.

Source: Federal Works Agency, Public Roads Administration; Nation-wide Truck and Bus Inventory (Memo. No. 67).



**No. 557.—BUSSES, BY TYPE OF PASSENGER SERVICE, SEATING CAPACITY, MILEAGE DRIVEN LAST CALENDAR YEAR, YEAR MODEL, SPECIAL FUEL TYPES, GARAGED ADDRESS AND REGISTRATIONS—NUMBER AS OF DEC. 31, 1941**

[See headnote, table 555]

ITEM	TYPE OF PASSENGER SERVICE							
	All types		Local and inter-city		School		Other	
	Number	Per-cent <sup>1</sup>	Number	Per-cent <sup>1</sup>	Number	Per-cent <sup>1</sup>	Number	Per-cent <sup>1</sup>
Busses, total.....	128,483	100.0	49,322	100.0	74,547	100.0	4,614	100.0
Seating capacity:								
9 persons.....	107	.1	34	1	60	.1	13	.3
10-14.....	2,688	2.2	917	1.9	1,300	1.9	471	12.0
15-19.....	3,227	2.6	1,349	2.7	1,600	2.3	278	7.1
20-24.....	14,090	11.5	8,413	17.2	5,023	7.2	655	16.5
25-29.....	19,609	16.0	14,056	28.6	4,805	6.9	638	21.3
30-34.....	19,568	15.9	9,793	19.9	9,005	12.9	770	19.8
35-39.....	21,546	17.6	8,120	16.6	12,871	18.4	555	13.9
40-44.....	17,825	14.5	5,062	10.3	12,545	18.0	228	5.7
45-49.....	9,382	7.6	486	1.0	8,826	12.6	70	1.8
50-54.....	6,492	5.3	38	.1	6,403	9.2	51	1.3
55 and over.....	8,205	6.7	810	1.6	7,363	10.5	32	.8
Not reported.....	5,654		254		4,747		653	
Estimated mileage during last calendar year <sup>2</sup> in thousands:								
1-4.....	19,214	16.8	2,952	6.8	15,352	23.0	910	24.7
5-9.....	36,187	31.6	2,772	6.4	32,757	49.1	658	17.9
10-14.....	16,229	14.2	2,720	6.2	13,031	19.6	478	13.0
15-19.....	6,107	5.4	2,821	6.5	3,068	4.6	218	6.9
20-29.....	9,000	7.9	7,081	16.2	1,608	2.4	351	9.5
30-39.....	8,904	7.8	8,294	19.0	434	.6	186	5.0
40-49.....	6,970	6.1	6,617	15.1	189	.3	164	4.5
50-59.....	6,952	6.1	6,434	14.7	207	.3	311	8.4
70-99.....	2,634	2.4	2,400	5.5	89	.1	145	4.0
100-149.....	1,454	1.3	1,229	2.8	27	( <sup>3</sup> )	198	5.4
150-199.....	407	.4	336	.8	8	( <sup>3</sup> )	64	1.7
Not reported.....	14,425		5,667		7,827		931	
Annual average miles.....	19,600		26,700		7,956		27,500	
Year of model:								
1942 <sup>4</sup> .....	1,870	1.5	724	1.5	1,076	1.4	70	1.5
1941.....	16,340	12.7	6,539	13.2	9,298	12.5	603	11.0
1940.....	16,526	12.9	6,053	12.3	10,101	13.6	572	8.2
1939.....	16,849	13.2	4,469	9.1	12,030	16.2	350	7.7
1938.....	13,438	10.6	4,032	8.2	9,052	12.2	364	7.7
1937.....	16,344	12.7	6,455	13.1	9,327	12.6	562	12.3
1936.....	14,841	11.6	5,905	12.0	8,446	11.4	490	10.7
1935.....	10,668	8.3	6,089	12.3	6,314	8.5	265	5.8
1934.....	5,655	4.4	2,326	4.7	3,108	4.2	221	4.8
1933.....	2,431	1.9	1,120	2.3	1,189	1.6	122	2.7
1932.....	1,969	1.6	777	1.6	1,050	1.4	162	3.5
1931.....	2,785	2.2	1,338	2.7	1,221	1.6	227	5.0
1930.....	2,752	2.1	1,618	3.3	844	1.1	290	6.4
Prior to 1930.....	5,655	4.4	3,813	7.7	1,271	1.7	581	12.7
Not reported.....	329		64		220		46	
Fuel types:								
Gasoline.....	125,361	97.5	46,289	93.8	74,506	100.0	4,566	99.0
Diesel.....	2,640	2.1	2,561	5.2	32	( <sup>3</sup> )	47	1.0
Gasoline-butane.....	130	.1	128	.3	2	( <sup>3</sup> )		
Gasoline-electric.....	241	.2	240	.5	1	( <sup>3</sup> )		
Other.....	111	.1	104	.2	6	( <sup>3</sup> )	1	( <sup>3</sup> )
Garaged location:								
Urban.....	78,646	61.2	47,000	95.3	28,284	37.9	3,362	72.9
Rural.....	49,837	38.8	2,322	4.7	46,263	62.1	1,252	27.1
Registrations:								
Number.....	138,113	100.0	57,260	41.5	74,795	54.1	6,058	4.4
Duplicate registrations.....	6,475	100.0	5,238	82.4	199	2.1	938	14.5
Busses registered in more than one State.....	9,630	100.0	7,938	82.4	948	2.6	1,444	15.0

<sup>1</sup> Based on reported records.

<sup>2</sup> Reference is to 1941.

<sup>3</sup> Less than 0.05 percent.

<sup>4</sup> Includes only a partial year's production.

Source: Fed. Works Agency, Pub. Roads Admin.; Nation-wide Truck and Bus Inventory (Memo. No. 69).

**No. 558.—NUMBER OF MOTOR-VEHICLE ACCIDENT FATALITIES BY PLACE OF ACCIDENT, PLACE OF DEATH, AND PLACE OF RESIDENCE: REPORTING AREA AND EACH REPORTING STATE, 1945**

[Based on special transcripts supplied through cooperation of State vital statistics offices and State traffic authorities in a reporting area which covered 42 States, D. C., and N. Y. City and represented 82 percent of population of U. S. Reported fatalities represented about 81 percent of total motor-vehicle accident fatalities in U. S. in 1945]

STATE	FATALITIES FROM ACCIDENTS OCCURRING IN 1945 (BY PLACE OF ACCIDENT)			DEATHS OCCURRING IN 1945 (BY PLACE OF DEATH)			FATALITIES FROM ACCIDENTS OCCURRING IN 1945 (BY PLACE OF RESIDENCE)		
	Total	Traffic	Non-traffic	Total	Traffic	Non-traffic	Total	Traffic	Non-traffic
<b>Reporting area.....</b>	<b>22,755</b>	<b>22,177</b>	<b>578</b>	<b>22,763</b>	<b>22,182</b>	<b>581</b>	<b>22,605</b>	<b>22,030</b>	<b>575</b>
Alabama.....	610	589	21	610	589	21	598	576	22
Arizona.....	290	276	14	292	278	14	226	212	14
Arkansas.....	176	172	4	163	160	3	188	185	3
California.....	3,578	3,473	105	3,564	3,459	105	3,592	3,488	104
Colorado.....	291	272	19	292	273	19	303	285	18
Connecticut.....									
Delaware.....	67	66	1	64	63	1	65	64	1
District of Columbia.....	74	72	2	92	90	2	94	91	3
Florida.....									
Georgia.....	641	606	35	645	610	35	628	595	33
Idaho.....	176	176		177	177		160	160	
Illinois.....	1,523	1,504	19	1,517	1,497	20	1,533	1,514	19
Indiana.....	864	847	17	871	855	16	858	842	16
Iowa.....	394	387	7	391	382	9	412	406	7
Kansas.....	305	297	8	317	309	8	297	288	9
Kentucky.....	581	569	12	580	568	12	588	577	11
Louisiana.....	361	350	11	361	350	11	347	336	11
Maine.....	169	164	5	169	164	5	163	159	4
Maryland.....	441	431	10	433	422	11	410	400	10
Massachusetts.....									
Michigan.....	1,186	1,151	35	1,188	1,153	35	1,195	1,160	35
Minnesota.....	469	459	10	469	459	10	469	459	10
Mississippi.....	368	365	3	365	362	3	365	361	4
Missouri.....	666	647	19	660	641	19	662	643	19
Montana.....	121	116	5	121	115	6	124	119	5
Nebraska.....	219	207	12	219	208	11	207	195	12
Nevada.....	80	74	6	83	77	6	62	57	5
New Hampshire.....	73	70	3	77	74	3	67	65	2
New Jersey.....	655	638	17	668	651	17	621	607	14
New Mexico.....	195	193	2	198	196	2	154	152	2
New York City.....	631	626	5	642	637	5	685	678	7
North Carolina.....	769	744	25	777	752	25	748	722	26
North Dakota.....	88	83	5	81	77	4	94	89	5
Ohio.....	1,472	1,458	14	1,471	1,456	15	1,450	1,433	17
Oklahoma.....	434	411	23	427	404	23	442	419	23
Oregon.....	363	348	15	361	346	15	355	341	14
Pennsylvania.....	1,542	1,514	28	1,528	1,500	28	1,564	1,538	26
Rhode Island.....	87	84	3	92	89	3	89	86	3
South Carolina.....	420	420		415	415		415	415	
South Dakota.....	97	90	7	99	93	6	100	93	7
Tennessee.....	517	507	10	540	528	12	522	510	12
Texas.....									
Utah.....	176	171	5	175	170	5	172	168	4
Vermont.....	52	51	1	50	49	1	51	50	1
Virginia.....									
Washington.....	551	532	19	550	531	19	562	542	20
West Virginia.....	288	288		282	282		289	289	
Wisconsin.....	624	611	13	619	606	13	617	603	14
Wyoming.....	71	68	3	68	65	3	62	59	3

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics; Annual Summary of Motor-Vehicle Accident Fatalities, 1945.

**No. 559.—NUMBER OF MOTOR-VEHICLE TRAFFIC ACCIDENT FATALITIES BY AGE, RACE, AND SEX, AND BY STATUS OF DECEDENT: REPORTING AREA, 1945**

[See headnote, table 558]

AGE	MALE					FEMALE				
	Total	Driver	Passenger	Pedestrian	Other and not stated	Total	Driver	Passenger	Pedestrian	Other and not stated
All ages.....	17,229	5,442	2,793	6,797	1,177	4,549	449	2,447	1,794	255
Under 1 year.....	42	—	38	1	3	42	—	37	3	2
1 to 4 years.....	485	1	137	337	10	266	1	95	185	5
5 to 14 years.....	1,378	20	327	784	247	699	5	194	324	36
15 to 19 years.....	1,492	522	631	192	147	512	29	354	75	35
20 to 24 years.....	1,707	684	551	170	102	514	80	352	63	30
25 to 34 years.....	2,536	1,305	683	392	156	625	95	389	95	43
35 to 44 years.....	2,199	1,004	472	572	151	581	94	306	160	31
45 to 54 years.....	2,154	749	332	935	118	530	54	258	189	32
55 to 64 years.....	2,256	532	308	1,208	108	535	48	243	219	25
65 to 74 years.....	1,883	323	204	1,264	93	470	24	183	258	35
75 years and over.....	1,050	111	78	822	29	314	6	81	213	14
Not stated.....	47	12	12	20	3	9	—	7	2	—
White.....	15,676	4,161	2,375	5,128	1,015	4,547	438	2,374	1,610	227
Under 1 year.....	40	—	37	1	2	35	—	30	3	2
1 to 4 years.....	438	1	128	301	8	259	1	89	164	5
5 to 14 years.....	1,246	19	292	705	230	478	4	152	287	35
15 to 19 years.....	1,370	499	570	175	126	481	37	346	68	30
20 to 24 years.....	1,553	835	498	144	86	464	78	317	50	19
25 to 34 years.....	2,285	1,220	605	331	129	570	95	358	81	35
35 to 44 years.....	1,913	926	387	480	120	524	94	280	131	19
45 to 54 years.....	1,932	708	301	825	98	481	53	238	163	27
55 to 64 years.....	2,078	517	280	1,184	97	504	44	232	208	22
65 to 74 years.....	1,777	316	192	1,186	83	442	23	146	252	31
75 years and over.....	999	110	76	779	34	301	6	80	203	12
Not stated.....	35	10	9	14	2	8	—	6	2	—
Nonwhite.....	1,553	301	418	672	162	401	19	173	184	21
Under 1 year.....	2	—	1	—	1	7	—	7	—	—
1 to 4 years.....	47	—	9	35	3	27	—	6	21	—
5 to 14 years.....	122	1	35	79	17	81	1	12	37	1
15 to 19 years.....	122	23	61	17	21	32	2	18	7	3
20 to 24 years.....	144	49	53	26	16	50	2	25	12	1
25 to 34 years.....	251	85	78	61	27	55	2	31	14	8
35 to 44 years.....	286	78	65	92	31	57	—	26	29	2
45 to 54 years.....	222	41	51	110	20	49	1	18	25	5
55 to 64 years.....	178	15	28	124	11	31	4	11	13	3
65 to 74 years.....	108	6	12	78	10	25	1	7	16	4
75 years and over.....	51	1	2	43	5	13	—	1	10	2
Not stated.....	12	2	3	6	1	1	—	1	—	—

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics; Annual Summary of Motor-Vehicle Accident Fatalities, 1945.

**No. 560.—NUMBER OF TRAFFIC ACCIDENT FATALITIES BY HOUR OF ACCIDENT AND PLACE OF ACCIDENT, URBAN AND RURAL: REPORTING AREA, 1945**

[See headnote, table 558]

HOUR OF ACCIDENT	Total	Urban	Rural	HOUR OF ACCIDENT	Total	Urban	Rural
Total.....	22,177	8,192	13,985	12 m. to 12:59 p. m.....	545	195	350
12 p. m. to 12:59 a. m.....	1,291	496	793	1 p. m. to 1:59 p. m.....	578	203	375
1 a. m. to 1:59 a. m.....	875	297	578	2 p. m. to 2:59 p. m.....	559	223	436
2 a. m. to 2:59 a. m.....	640	210	430	3 p. m. to 3:59 p. m.....	834	299	535
3 a. m. to 3:59 a. m.....	403	131	272	4 p. m. to 4:59 p. m.....	1,148	355	793
4 a. m. to 4:59 a. m.....	260	65	195	5 p. m. to 5:59 p. m.....	1,320	507	813
5 a. m. to 5:59 a. m.....	256	91	165	6 p. m. to 6:59 p. m.....	1,405	492	913
6 a. m. to 6:59 a. m.....	412	176	236	7 p. m. to 7:59 p. m.....	1,375	533	842
7 a. m. to 7:59 a. m.....	439	169	270	8 p. m. to 8:59 p. m.....	1,245	522	723
8 a. m. to 8:59 a. m.....	383	127	256	9 p. m. to 9:59 p. m.....	1,244	474	770
9 a. m. to 9:59 a. m.....	435	131	304	10 p. m. to 10:59 p. m.....	1,154	411	743
10 a. m. to 10:59 a. m.....	442	136	304	11 p. m. to 11:59 p. m.....	1,241	471	770
11 a. m. to 11:59 a. m.....	601	181	420	Hour not stated.....	2,992	1,323	1,669

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics; Annual Summary of Motor-Vehicle Accident Fatalities, 1945.

**No. 561.—NUMBER OF MOTOR-VEHICLE TRAFFIC ACCIDENT FATALITIES BY TYPE OF ACCIDENT, AT INTERSECTION, URBAN AND RURAL: REPORTING AREA, 1945**

[See headnote, table 556]

ACCIDENT INVOLVING—	Total	URBAN				RURAL			
		Total	At intersection	Not at intersection	Not stated	Total	At intersection	Not at intersection	Not stated
<b>Total</b> .....	<b>22,177</b>	<b>8,192</b>	<b>2,364</b>	<b>2,819</b>	<b>1,618</b>	<b>13,985</b>	<b>1,128</b>	<b>10,692</b>	<b>2,165</b>
Pedestrian.....	8,548	5,099	2,180	2,281	638	3,449	421	2,896	432
Other motor vehicle.....	5,554	1,272	736	430	106	4,282	297	3,046	949
Railroad train.....	1,530	498	52	437	9	1,032	58	971	8
Streetcar.....	138	121	79	41	1	17	3	13	1
Bicycle.....	390	156	68	74	16	234	41	169	24
Animal-drawn vehicle.....	50	7	3	2	2	43	6	31	6
Animal.....	45	5	2	3	—	40	3	38	5
Fixed object.....	1,669	478	138	301	39	1,191	82	1,019	90
Overtaking on roadway.....	609	60	18	28	14	549	38	441	70
Running off roadway.....	2,347	164	42	114	8	2,183	166	1,894	123
Other noncollision.....	763	171	45	90	36	592	28	436	118
Other and not stated.....	544	161	3	9	140	393	1	48	339

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics; Annual Summary of Motor-Vehicle Accident Fatalities, 1945.

**No. 562.—NUMBER OF MOTOR-VEHICLE TRAFFIC ACCIDENT FATALITIES OF PEDESTRIANS AND NONPEDESTRIANS BY PLACE AND MONTH OF ACCIDENT: REPORTING AREA, 1945**

[See headnote, table 556]

AREA		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>REPORTING AREA</b>													
<b>Total</b> .....	<b>22,177</b>	<b>1,480</b>	<b>1,327</b>	<b>1,493</b>	<b>1,435</b>	<b>1,406</b>	<b>1,505</b>	<b>1,570</b>	<b>1,986</b>	<b>2,166</b>	<b>2,514</b>	<b>2,581</b>	<b>2,512</b>
Pedestrian.....	8,591	702	635	664	538	507	545	492	662	771	936	1,077	1,064
Nonpedestrian.....	13,586	778	702	829	897	901	959	1,178	1,324	1,395	1,578	1,504	1,548
<b>URBAN</b>													
Pedestrian.....	5,115	441	394	428	341	—	338	275	367	417	530	557	536
Nonpedestrian.....	3,077	202	193	209	223	204	195	259	295	289	316	321	371
Places 100,000 or more:													
Pedestrian.....	3,108	262	261	271	220	193	222	171	212	224	312	395	353
Nonpedestrian.....	1,352	79	74	83	96	102	96	113	141	126	144	156	143
Places 25,000 to 100,000:													
Pedestrian.....	688	78	73	79	42	52	50	41	55	50	93	120	104
Nonpedestrian.....	625	43	44	51	42	43	37	65	62	49	68	55	71
Places 10,000 to 25,000:													
Pedestrian.....	533	55	35	42	32	24	37	33	43	44	55	69	64
Nonpedestrian.....	448	33	27	26	36	29	27	39	46	48	38	38	60
Places 2,500 to 10,000:													
Pedestrian.....	588	46	45	45	27	31	29	31	47	69	60	73	85
Nonpedestrian.....	552	46	48	60	47	30	35	42	46	66	71	72	—
<b>RURAL</b>													
Pedestrian.....	3,476	261	241	236	194	207	208	216	295	354	416	420	428
Nonpedestrian.....	10,509	576	509	620	667	697	764	919	1,029	1,106	1,202	1,183	1,177

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics; Annual Summary of Motor-Vehicle Accident Fatalities, 1945.

No. 568.—NUMBER OF MOTOR-VEHICLE ACCIDENT FATALITIES IN REGISTRATION STATES, PLACES OF 10,000 OR MORE, AND PLACES UNDER 10,000 AND RURAL: 1915 TO 1945

[For continental United States; by place of occurrence. Excludes automobile collisions with trains and streetcars, and motorcycle accidents, 1915 to 1925, inclusive]

YEAR	DEATH-REGISTRATION STATES <sup>1</sup>				PLACES OF 10,000 OR MORE		PLACES UNDER 10,000 AND RURAL	
	Number of deaths	Rate per 100,000 estimated population	Number of cars registered (including official)	Deaths per 100,000 cars	Number of deaths	Rate per 100,000 estimated population	Number of deaths	Rate per 100,000 estimated population
1915.....	3,573	5.8	1,775,064	201.3	2,356	7.6	1,217	3.9
1916.....	4,737	7.1	2,511,805	188.6	3,063	9.7	1,684	4.8
1917.....	6,064	8.6	3,530,268	171.8	3,890	11.9	2,174	5.9
1918.....	7,310	9.3	4,715,317	155.0	4,942	13.1	2,368	5.7
1919.....	7,771	9.3	5,922,572	131.2	5,263	13.5	2,508	5.6
1920.....	8,878	10.3	7,440,420	119.3	6,121	14.7	2,757	6.2
1921.....	9,903	11.3	8,578,536	115.4	6,535	15.4	3,368	7.5
1922.....	11,466	12.4	10,374,993	110.5	7,446	16.9	4,020	8.3
1923.....	14,157	14.6	13,359,965	106.0	8,948	19.7	5,209	10.2
1924.....	15,221	15.3	15,714,878	96.9	9,553	20.6	5,668	10.9
1925.....	17,149	16.8	17,875,567	95.9	10,640	22.4	6,509	12.1
1926.....	20,625	19.9	19,838,947	104.0	12,042	24.8	8,583	15.8
1927.....	23,114	21.6	21,084,564	109.6	13,281	26.7	9,833	17.4
1928.....	26,311	23.2	23,126,127	113.8	14,680	28.4	11,631	19.0
1929.....	29,439	25.5	25,097,555	117.8	16,003	30.4	13,436	21.5
1930.....	31,256	26.7	25,350,499	123.3	17,710	31.2	13,546	22.4
1931.....	32,020	27.1	24,706,328	129.6	18,010	31.1	14,010	23.2
1932.....	28,029	23.6	23,085,036	121.4	15,590	27.0	12,439	20.4
1933.....	31,363	25.0	24,103,969	130.1	17,011	28.2	14,352	21.9
1934.....	36,101	28.6	25,210,503	143.2	19,270	( <sup>2</sup> )	16,831	( <sup>2</sup> )
1935.....	36,369	28.6	26,513,491	137.2	18,593	( <sup>2</sup> )	17,776	( <sup>2</sup> )
1936.....	38,089	29.7	28,519,059	133.6	19,102	( <sup>2</sup> )	18,987	( <sup>2</sup> )
1937.....	39,643	30.8	30,039,892	132.0	19,886	( <sup>2</sup> )	19,757	( <sup>2</sup> )
1938.....	32,582	25.1	29,851,210	109.1	15,918	( <sup>2</sup> )	16,664	( <sup>2</sup> )
1939.....	32,386	24.7	31,009,870	104.4	15,704	( <sup>2</sup> )	16,682	( <sup>2</sup> )
1940.....	34,501	<sup>3</sup> 26.2	32,452,861	106.3	16,863	<sup>3</sup> 26.9	17,638	<sup>3</sup> 25.6
1941.....	39,969	30.0	34,842,847	114.7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1942.....	28,309	21.2	33,002,600	85.9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1943.....	23,823	17.8	30,888,134	77.1	10,601	( <sup>2</sup> )	13,222	( <sup>2</sup> )
1944.....	24,282	18.3	30,479,306	79.7	10,673	( <sup>2</sup> )	13,609	( <sup>2</sup> )
1945.....	28,076	21.3	31,035,420	90.5	12,320	( <sup>2</sup> )	15,756	( <sup>2</sup> )

<sup>1</sup> Includes District of Columbia. All States were in registration system in 1933 and thereafter.  
<sup>2</sup> Not available.  
<sup>3</sup> Based on enumerated population, Apr. 1, 1940.

Source: Federal Security Agency, U. S. Public Health Service, National Office of Vital Statistics; basic figures are published in annual reports as follows: 1915-36, Mortality Statistics; 1937-45, Vital Statistics of the United States, Pt. I. Motor-vehicle registrations, Federal Works Agency, Public Roads Administration; annual statements on motor-vehicle registrations.

## 20. Transportation, Air and Land—Steam and Electric Railways, Express Companies, Motor Busses, and Civil Aeronautics

**Steam railways.**—Because of the long period in which it has been subject to close Federal regulation and the degree of its consolidation, there is an extensive coverage of important statistical items relating to the railway industry. The Statistics of Railways in the United States, published annually by the Interstate Commerce Commission since 1888, is the most important source for steam railway statistics. Various other periodical reports are also issued by the Interstate Commerce Commission. The Association of American Railroads supplements official railway statistics with various releases.

The term "steam railways" as used in this section includes electrified divisions operated by such carriers. The total steam railroad mileage of the United States comprises: (a) Regular interstate carriers (and their nonoperating subsidiaries) reporting to the Interstate Commerce Commission, (b) switching and terminal railroads, also reporting to the Commission; and (c) private railroads (defined by the Commission as "circular" because they report on brief circulars and as "unofficial"). Except in certain mileage data the circular and unofficial companies are not included in any of the statistics. The switching and terminal roads were formerly included with operating railways, but are now separated, and data for them do not appear in most of the tables.

Nonoperating subsidiaries include proprietary companies, which are covered by the reports of operating carriers, and lessor companies which have no traffic and whose reports appear only in statistics of capitalization, dividends, and investment.

Operating railways are divided into three classes, according to the amount of their annual operating revenues, class I, having more than \$1,000,000 of such revenue; class II, from \$100,000 to \$1,000,000; and class III, less than \$100,000. During recent years more detailed reports are required from class I carriers than from smaller companies. The basis of the figures in each table is indicated by notes. Omission of class II and class III railroads affects very little the comparability of statistics with those of earlier years as regards most items, since the bulk of the business is done by class I.

The Interstate Commerce Commission divides railroads geographically into three districts and eight subsidiary regions. Each railroad is treated as a unit and placed wholly in some one district or region. Broadly speaking, the eastern district includes territory east of Chicago and north of the Ohio and Potomac Rivers; southern district, territory east of the Mississippi River and south of the Ohio and Potomac Rivers; and western district, the remainder of the country.

**Electric railways.**—The Interstate Commerce Commission issues annually an abstract of the annual reports of electric railways, chiefly interurban, which report to it. The American Transit Association publishes street railway statistics in its annual Transit Fact Book. The Bureau of the Census has published a quinquennial report on electric railways from 1902 to 1937. In the more recent years the report also covered affiliated trolley-bus and motor bus operations. The last Census of Electrical Industries was for the year 1937.

**Motor carriers.**—Statistics of class I for-hire carriers (those with \$100,000 or more of gross annual operating revenues) are compiled by the Interstate Commerce Commission from annual, quarterly, and monthly reports submitted to it by these carriers. This series begins with 1939 data.



The annual review and statistical number of Bus Transportation, a McGraw-Hill publication, summarizes operations of common carriers and school busses.

Civil aeronautics.—The Civil Aeronautics Administration of the Department of Commerce compiles statistics on civil aviation. These data are published in the Statistical Handbook of Civil Aviation.

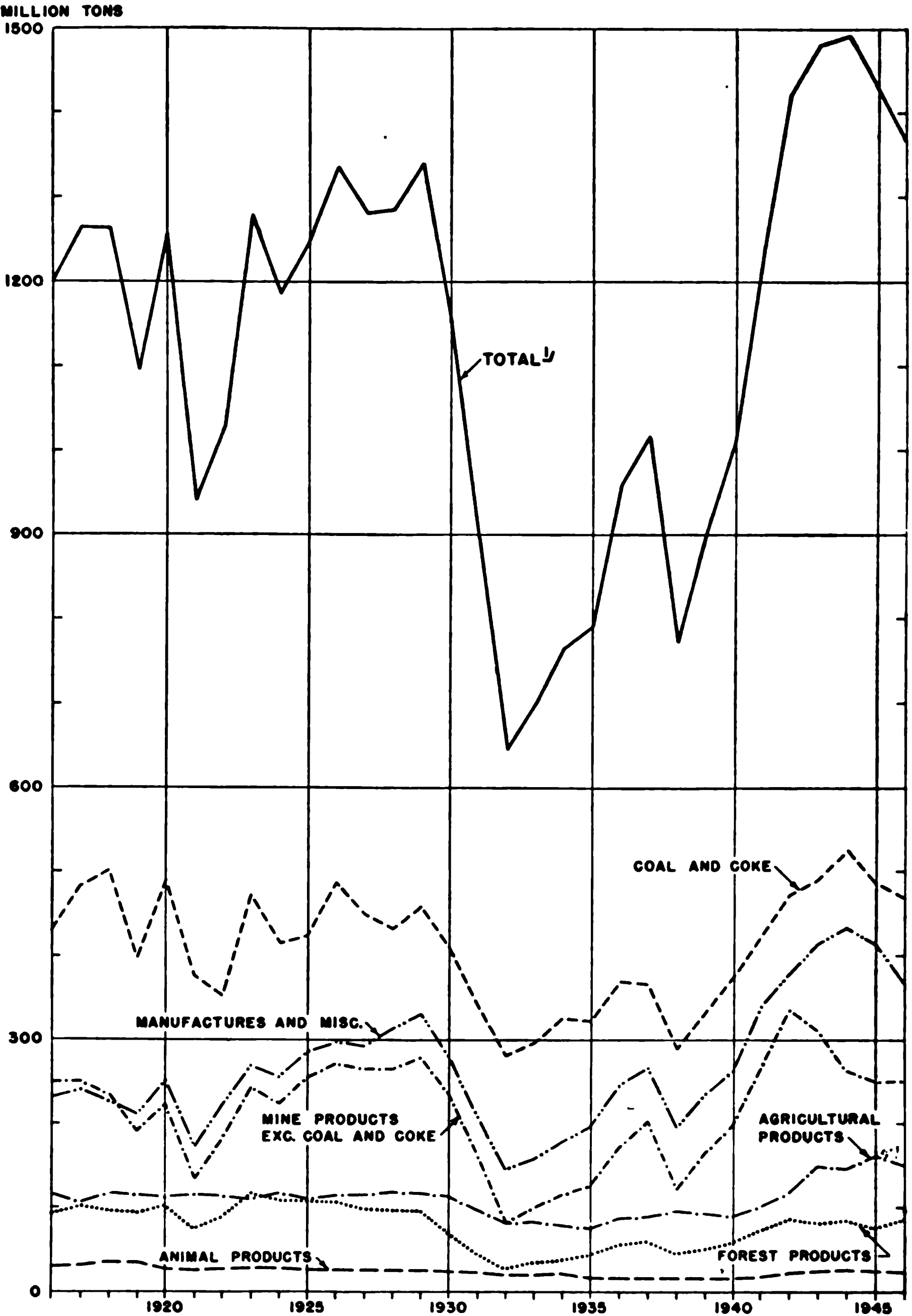
No. 564.—STEAM RAILWAYS—MILEAGE OWNED AND MILEAGE OPERATED: 1890 TO 1946

[Excludes switching and terminal roads beginning with 1910 (they operate about 2,300 miles of main tracks). First and second columns cover all railways, including "circular" and "unofficial" lines; last 5 columns omit "circular" and "unofficial" lines. Mileage owned excludes all duplication and covers continental United States only. Mileage operated includes some duplication under trackage rights and some mileage in Canada operated by United States companies]

YEAR	Miles of road (first track) owned	MILES OPERATED					Class I railways: Road (first track)
		All railways: Road (first track)	Reporting railways				
			Total track	Road (first track)	Other main tracks	Yard track and sidings	
June 30:							
1890.....	163, 597	167, 191	199, 875	156, 404	9, 760	33, 711	.....
1895.....	180, 657	184, 628	233, 275	177, 746	12, 348	43, 181	.....
1900.....	193, 346	198, 964	258, 784	192, 556	14, 075	52, 153	.....
1905.....	218, 101	225, 196	306, 797	216, 974	19, 881	69, 942	.....
1910.....	240, 293	249, 992	351, 767	240, 831	25, 354	85, 582	.....
1914.....	252, 105	263, 547	387, 208	256, 547	32, 376	98, 285	226, 999
1915.....	253, 789	264, 378	391, 141	257, 569	33, 662	99, 910	228, 989
Dec. 31:							
1916.....	254, 037	266, 381	397, 014	259, 705	34, 325	102, 984	231, 674
1917.....	253, 626	266, 015	400, 353	259, 705	35, 066	105, 582	232, 697
1918.....	253, 529	264, 233	402, 343	258, 507	36, 228	107, 608	233, 145
1919.....	253, 152	263, 707	403, 892	258, 525	36, 730	108, 637	234, 363
1920.....	252, 845	263, 821	406, 579	259, 941	36, 894	109, 744	235, 234
1921.....	251, 176	262, 544	407, 531	258, 362	37, 614	111, 555	234, 702
1922.....	250, 413	261, 984	409, 359	257, 425	37, 888	114, 046	234, 976
1923.....	250, 222	262, 482	412, 993	258, 064	38, 697	116, 212	235, 574
1924.....	250, 156	262, 158	415, 028	258, 238	39, 916	116, 874	235, 894
1925.....	249, 398	261, 871	417, 954	258, 631	40, 962	118, 361	236, 848
1926.....	249, 138	261, 562	421, 341	258, 815	41, 686	120, 840	237, 054
1927.....	249, 131	262, 091	424, 737	259, 639	42, 071	123, 027	238, 634
1928.....	249, 309	262, 713	427, 750	260, 546	42, 432	124, 772	240, 747
1929.....	249, 433	262, 546	429, 055	260, 570	42, 711	125, 774	242, 015
1930.....	249, 052	262, 215	429, 883	260, 440	42, 742	126, 701	242, 391
1931.....	248, 829	261, 816	429, 823	259, 999	42, 780	127, 044	242, 292
1932.....	247, 595	260, 438	428, 402	258, 869	42, 556	126, 977	241, 424
1933.....	245, 703	258, 465	425, 664	256, 741	42, 397	126, 526	239, 797
1934.....	243, 857	256, 418	422, 401	254, 882	42, 109	125, 410	238, 555
1935.....	241, 822	254, 347	419, 228	252, 930	41, 916	124, 382	237, 491
1936.....	240, 104	252, 871	416, 381	251, 542	41, 731	123, 108	236, 486
1937.....	238, 539	251, 829	414, 572	250, 582	41, 579	122, 411	235, 168
1938.....	236, 842	249, 826	411, 324	248, 474	41, 589	121, 261	234, 031
1939.....	235, 064	248, 040	408, 350	246, 922	41, 445	119, 983	233, 277
1940.....	233, 670	246, 739	405, 975	245, 740	41, 373	118, 862	232, 524
1941.....	231, 971	245, 240	403, 625	244, 263	41, 166	118, 196	231, 861
1942.....	229, 174	242, 744	399, 627	241, 737	41, 137	116, 753	229, 791
1943.....	227, 999	241, 700	398, 730	240, 745	41, 093	116, 892	229, 187
1944.....	227, 335	241, 014	398, 437	240, 215	41, 178	117, 044	228, 557
1945.....	226, 696	240, 156	398, 054	239, 438	41, 106	117, 510	227, 877
1946.....	226, 438	239, 869	398, 037	239, 069	41, 015	117, 953	227, 599

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

FIGURE R.—REVENUE FREIGHT ORIGINATED, CLASS I RAILROADS: 1916 TO 1946  
[See table 584]



1 Includes "all less-than-carload shipments," not shown separately.  
Source: Department of Commerce, Bureau of the Census. Data are from Interstate Commerce Commission.

## No. 565.—STEAM RAILWAYS—MILES OF ROAD OWNED, BY STATES: 1860 TO 1946

[See headnote, table 564. Data are for actual length of line in each State without duplication. Figures relate to June 30 prior to 1920 and Dec. 31 thereafter; they include reporting circular, and unofficial railways, but beginning with 1910 exclude switching and terminal roads]

STATE	1860 <sup>1</sup>	1870 <sup>1</sup>	1880 <sup>1</sup>	1890	1900	1910 <sup>2</sup>	1920	1930	1940	1946
<b>United States<sup>3</sup></b>	<b>30,626</b>	<b>52,322</b>	<b>92,267</b>	<b>163,597</b>	<b>193,348</b>	<b>240,439</b>	<b>252,648</b>	<b>249,952</b>	<b>233,670</b>	<b>226,438</b>
<b>New England</b>	<b>3,660</b>	<b>4,494</b>	<b>5,282</b>	<b>6,718</b>	<b>7,531</b>	<b>7,921</b>	<b>7,942</b>	<b>7,596</b>	<b>6,677</b>	<b>6,467</b>
Maine	472	786	1,005	1,338	1,915	2,248	2,295	2,193	1,682	1,828
New Hampshire	661	736	1,015	1,145	1,239	1,246	1,252	1,165	1,002	951
Vermont	554	514	914	921	1,012	1,100	1,077	1,056	919	902
Massachusetts	1,264	1,480	1,915	2,094	2,119	2,115	2,106	2,022	1,793	1,721
Rhode Island	108	186	210	213	212	212	211	191	194	190
Connecticut	601	742	923	1,007	1,024	1,000	1,001	960	887	876
<b>Middle Atlantic</b>	<b>8,540</b>	<b>9,709</b>	<b>13,832</b>	<b>16,161</b>	<b>20,709</b>	<b>21,960</b>	<b>22,298</b>	<b>21,752</b>	<b>20,176</b>	<b>19,583</b>
New York	2,682	3,928	5,957	7,651	8,121	8,430	8,390	8,312	7,739	7,539
New Jersey	560	1,125	1,684	2,047	2,257	2,260	2,362	2,299	2,108	2,044
Pennsylvania	2,898	4,656	6,191	8,453	10,331	11,290	11,551	11,141	10,326	9,900
<b>South Atlantic</b>	<b>5,976</b>	<b>7,349</b>	<b>9,789</b>	<b>15,278</b>	<b>23,362</b>	<b>29,798</b>	<b>32,390</b>	<b>31,644</b>	<b>29,476</b>	<b>28,568</b>
Delaware	127	197	275	323	347	335	335	325	295	295
Dist. of Columbia	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	30	32	36	36	36	35	34
Maryland	368	571	1,040	1,231	1,378	1,426	1,436	1,443	1,367	1,322
Virginia	1,379	1,486	1,893	3,160	3,779	4,535	4,703	4,516	4,261	4,099
West Virginia	352	387	691	1,328	2,228	3,601	3,996	4,046	3,831	3,748
North Carolina	987	1,178	1,486	3,001	3,631	4,932	5,522	5,161	4,668	4,553
South Carolina	973	1,139	1,427	2,194	2,818	3,442	3,814	3,780	3,466	3,330
Georgia	1,420	1,846	2,459	4,532	5,652	7,056	7,326	6,871	6,324	6,168
Florida	402	446	518	2,471	3,299	4,432	5,212	5,666	5,215	4,959
<b>East North Central</b>	<b>9,583</b>	<b>14,761</b>	<b>25,109</b>	<b>36,324</b>	<b>41,007</b>	<b>44,928</b>	<b>44,904</b>	<b>43,770</b>	<b>41,281</b>	<b>40,056</b>
Ohio	2,946	3,538	5,792	7,912	8,807	9,134	9,002	8,804	8,501	8,416
Indiana	2,163	3,177	4,373	5,971	6,471	7,420	7,420	7,106	6,889	6,648
Illinois	2,790	4,823	7,851	10,214	11,008	11,878	12,188	12,500	11,949	11,742
Michigan	779	1,638	3,038	7,243	8,196	9,021	8,734	8,072	7,303	6,899
Wisconsin	905	1,525	3,155	5,584	6,531	7,475	7,654	7,288	6,639	6,383
<b>West North Central</b>	<b>1,472</b>	<b>8,046</b>	<b>19,094</b>	<b>38,354</b>	<b>42,968</b>	<b>49,730</b>	<b>52,180</b>	<b>51,400</b>	<b>48,299</b>	<b>47,465</b>
Minnesota		1,092	3,151	5,466	6,943	8,569	9,114	8,779	8,421	8,345
Iowa	655	2,683	5,400	8,356	9,185	9,755	9,908	9,698	8,950	8,775
Missouri	817	2,000	3,965	6,004	6,875	8,083	8,117	7,897	7,042	6,832
North Dakota		65	1,220	1,941	2,731	4,201	5,311	5,275	5,266	5,297
South Dakota		( <sup>5</sup> )	( <sup>5</sup> )	2,486	2,850	3,948	4,276	4,238	4,006	3,981
Nebraska		705	1,983	5,295	5,865	6,067	6,166	6,174	6,044	5,821
Kansas		1,501	3,400	8,806	8,719	9,007	9,368	9,339	8,564	8,444
<b>East South Central</b>	<b>3,392</b>	<b>4,536</b>	<b>8,343</b>	<b>11,144</b>	<b>13,343</b>	<b>17,074</b>	<b>17,754</b>	<b>17,452</b>	<b>16,179</b>	<b>15,718</b>
Kentucky	534	1,017	1,530	2,745	3,060	3,526	3,929	4,054	3,691	3,590
Tennessee	1,253	1,492	1,843	2,752	3,187	3,816	4,078	3,940	3,573	3,492
Alabama	742	1,157	1,843	3,314	4,226	5,226	5,378	5,249	4,906	4,842
Mississippi	863	990	1,127	2,332	2,920	4,506	4,369	4,209	3,919	3,794
<b>West South Central</b>	<b>680</b>	<b>1,417</b>	<b>5,844</b>	<b>13,782</b>	<b>18,221</b>	<b>31,122</b>	<b>32,972</b>	<b>32,227</b>	<b>31,497</b>	<b>30,179</b>
Louisiana	335	450	652	1,759	2,824	5,554	5,223	4,654	4,357	4,192
Texas	307	711	3,244	8,513	9,886	14,282	15,125	17,069	16,356	15,681
Oklahoma			289	1,214	2,151	5,980	6,572	6,678	6,302	6,091
Arkansas	38	256	859	2,196	3,360	5,306	5,062	4,826	4,482	4,315
<b>Mountain</b>		<b>1,465</b>	<b>5,082</b>	<b>12,675</b>	<b>18,808</b>	<b>22,958</b>	<b>25,170</b>	<b>24,973</b>	<b>23,518</b>	<b>22,544</b>
Montana			106	2,181	3,019	4,207	5,072	5,228	5,149	5,067
Wyoming		459	512	942	1,229	1,645	1,931	2,036	2,006	1,924
Colorado		157	1,570	4,176	4,587	5,533	5,519	4,972	4,552	4,422
New Mexico			758	1,324	1,759	3,032	2,972	2,973	2,812	2,526
Arizona			349	1,097	1,512	2,097	2,478	2,494	2,226	2,206
Utah		257	842	1,090	1,547	1,985	2,161	2,195	2,082	1,863
Nevada		593	739	925	909	2,277	2,160	2,109	1,941	1,825
Idaho			206	941	1,261	2,179	2,877	2,965	2,746	2,719
<b>Pacific</b>	<b>23</b>	<b>1,064</b>	<b>2,982</b>	<b>7,567</b>	<b>10,389</b>	<b>14,932</b>	<b>17,248</b>	<b>17,238</b>	<b>16,575</b>	<b>15,696</b>
Washington			289	1,783	2,914	4,575	5,567	5,542	5,243	5,227
Oregon		169	506	1,426	1,724	2,285	3,306	3,456	3,385	3,310
California	23	925	2,195	4,356	5,751	7,772	8,356	8,240	7,947	7,349
Alaska Territory					22	390	245	790	535	544
Hawaii Territory						176	243	232	192	110

<sup>1</sup> Represents mileage operated.

<sup>2</sup> Revised total 240,293 not distributed by States.

<sup>3</sup> Totals exclude Alaska and Hawaii.

<sup>4</sup> Included in returns for Maryland.

<sup>5</sup> Figures for Dakota.

<sup>6</sup> For total Dakota, see North Dakota.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

### No. 566.—STEAM RAILWAYS (ALL REPORTING COMPANIES)—EQUIPMENT IN SERVICE: 1929 TO 1946

["All reporting companies" include switching and terminal but not circular and unofficial lines. Data for tractive effort and capacity of cars exclude switching roads, also smaller roads during recent years; they would not be materially different if all carriers were included. Excludes the large number of cars owned by private car lines]

YEAR ENDING DEC. 31	LOCOMOTIVES					FREIGHT-TRAIN CARS <sup>1</sup>			Passen- ger- train cars
	Total num- ber <sup>1</sup>	Steam			Elec- tric loco- mo- tive units	Total num- ber	Capacity <sup>2</sup>		
		Num- ber	Tractive effort <sup>3</sup>				Aggregate (1,000 tons)	Aver- age (tons)	
			Aggregate (1,000 lb.)	Average (lb.)					
1929	61,257	60,572	2,550,613	44,801	621	2,323,683	105,411	46.3	53,838
1930	60,189	59,406	2,526,940	43,225	663	2,322,267	106,180	46.6	53,394
1931	58,682	57,820	2,488,861	43,764	709	2,245,904	103,422	47.0	52,006
1932	56,732	55,831	2,430,328	46,299	764	2,184,690	100,901	47.0	50,508
1933	54,228	53,802	2,348,821	46,916	789	2,072,632	96,734	47.5	47,677
1934	51,423	50,465	2,263,267	47,712	806	1,973,247	92,909	48.0	44,984
1935	49,541	48,477	2,206,201	48,367	884	1,867,381	88,677	48.3	42,426
1936	48,009	46,923	2,162,699	48,972	858	1,790,043	85,721	48.8	41,300
1937	47,555	46,342	2,155,555	49,412	872	1,776,428	85,808	49.2	40,949
1938	46,544	45,210	2,123,464	49,803	882	1,731,036	84,032	49.4	39,931
1939	45,172	43,404	2,072,110	50,395	879	1,680,619	82,002	49.7	38,977
1940	44,333	42,410	2,038,284	50,905	900	1,664,171	82,722	50.0	38,308
1941	44,375	41,911	2,029,425	51,217	895	1,732,673	85,882	50.2	38,334
1942	44,871	41,755	2,046,064	51,811	892	1,773,735	88,187	50.5	38,446
1943	45,406	41,983	2,083,618	52,481	907	1,784,472	88,968	50.7	38,331
1944	46,305	41,921	2,096,046	52,822	902	1,797,012	89,980	50.8	38,217
1945	46,253	41,018	2,067,639	53,217	885	1,787,073	89,872	51.1	38,633
1946	45,511	39,592	2,017,807	53,735	867	1,768,400	89,391	51.3	38,697

<sup>1</sup> Includes locomotives other than classes shown.

<sup>2</sup> Class I roads.

<sup>3</sup> Excludes caboose cars.

### No. 567.—STEAM RAILWAYS—CARS IN SERVICE, BY CLASS: 1930 TO 1946

["All operating companies" include switching and terminal companies but not circular and unofficial lines. Excludes cars owned by private car lines, roughly equaling one-tenth of those owned by railway companies]

CLASS	ALL OPERATING COMPANIES					CLASS I, 1946			
	1930	1935	1940	1945	1946	Total	Eastern district	South- ern dis- trict	West- ern dis- trict
Freight-train cars <sup>1</sup>	2,322,267	1,867,381	1,684,171	1,787,073	1,768,400	1,743,656	754,970	385,996	602,686
Box	1,064,652	812,776	708,683	745,901	732,331	728,468	283,860	130,664	313,949
Flat	108,181	83,405	65,752	71,092	69,565	65,977	12,647	12,781	40,549
Stock	84,460	68,456	54,674	54,484	53,169	53,099	6,557	4,331	42,211
Gondola and hopper (open and closed tops)	930,624	793,776	809,538	874,553	872,808	857,334	449,805	231,974	175,555
Tank	10,981	9,269	8,836	9,080	9,011	8,349	27	12	8,310
Refrigerator	41,006	26,703	21,772	21,001	20,630	20,612	436	2,336	17,840
Other	82,363	73,000	14,917	11,012	10,886	9,222	1,948	3,000	4,274
Steel <sup>2</sup>	854,864	809,612	956,004	1,153,145	1,181,784	1,181,784	617,413	280,417	283,954
Steel underframe <sup>3</sup>	1,118,257	808,252	640,428	570,513	529,688	529,688	136,665	92,202	300,531
Caboose cars	29,779	24,994	22,216	25,198	24,944	24,106	9,670	4,717	9,719
Passenger-train cars	53,554	42,426	38,348	38,633	38,697	38,354	20,485	5,519	12,352
Coaches	( <sup>4</sup> )	( <sup>4</sup> )	17,470	17,068	17,854	17,547	10,543	2,353	4,661
Combination coach	( <sup>4</sup> )	( <sup>4</sup> )	8,207	2,748	2,692	2,523	1,340	428	761
Parlor and sleeping <sup>4</sup>	( <sup>4</sup> )	( <sup>4</sup> )	423	731	825	825	426	34	365
Dining	( <sup>4</sup> )	( <sup>4</sup> )	1,535	1,552	1,549	1,549	598	383	669
Club, lounge, and observation	( <sup>4</sup> )	( <sup>4</sup> )	370	273	299	297	36	36	233
Postal	( <sup>4</sup> )	( <sup>4</sup> )	1,839	1,701	1,690	1,690	821	266	603
Baggage, express, and other nonpassenger	( <sup>4</sup> )	( <sup>4</sup> )	18,087	13,671	13,708	13,659	6,661	—	4,873
Other passenger	( <sup>4</sup> )	( <sup>4</sup> )	105	25	25	21	21	—	—
Other passenger-train	( <sup>4</sup> )	( <sup>4</sup> )	283	258	255	245	49	19	177
Steel <sup>2</sup>	26,061	28,981	—	31,838	32,184	32,184	17,731	4,864	10,089
Steel underframe <sup>3</sup>	10,376	8,394	6,442	5,678	5,424	5,424	2,588	983	1,851
Company service equip- ment	106,627	79,864	77,811	90,066	93,376	91,289	28,943	17,026	45,329
Motor cars and trailers <sup>3</sup>	5,594	4,546	4,981	3,830	3,753	3,789	2,966	370	459

<sup>1</sup> Excludes caboose cars.

<sup>2</sup> No comparable data available because of change in classification.

<sup>3</sup> Data represent class I roads only.

<sup>4</sup> Excludes cars owned by Pullman Co.

Source of tables 566 and 567: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 568.—STEAM RAILWAYS (CLASS I)—EQUIPMENT INSTALLED AND RETIRED:  
1918 TO 1946

["Installed" includes new and used equipment purchased; equipment leased from others; the return to service of equipment that was leased to others; equipment rebuilt or converted; and units (except locomotives, since 1925) transferred from one class of service to another. "Retired" includes equipment permanently withdrawn from transportation service; equipment leased to others; return of leased equipment to owning companies; equipment rebuilt or converted; and units (except locomotives, since 1925) transferred from one class of service to another]

YEAR ENDING DEC. 31—	LOCOMOTIVES <sup>1</sup>		FREIGHT-TRAIN CARS		PASSENGER-TRAIN CARS	
	Number installed	Number retired	Number installed	Number retired	Number installed	Number retired
1918.....	2,803	977	65,249	56,024	1,817	1,051
1919.....	2,062	999	76,019	43,274	435	670
1920.....	1,017	1,254	36,044	75,197	621	885
1921.....	1,330	1,130	63,406	69,245	1,681	929
1922.....	1,226	1,682	105,394	126,471	1,328	1,286
1923.....	4,360	3,746	232,060	213,789	2,658	2,360
1924.....	2,786	2,529	156,572	118,590	2,755	2,295
1925.....	1,600	2,873	139,083	128,573	3,230	3,569
1926.....	1,882	3,105	93,369	103,152	3,455	3,309
1927.....	1,542	2,976	73,254	96,991	2,646	3,612
1928.....	1,017	3,047	62,945	90,707	2,524	3,252
1929.....	1,229	3,134	94,946	115,869	2,663	3,499
1930.....	1,160	2,204	81,038	82,101	1,900	2,036
1931.....	482	1,802	14,910	82,828	697	1,938
1932.....	477	2,316	8,545	69,394	579	1,928
1933.....	268	2,681	6,410	117,268	607	3,443
1934.....	312	2,912	31,366	129,026	703	3,368
1935.....	424	2,150	18,496	122,346	730	3,049
1936.....	1,054	1,798	75,979	131,754	1,123	1,631
1937.....	877	1,321	91,128	105,324	1,074	1,413
1938.....	395	1,237	25,721	70,235	642	1,592
1939.....	497	1,780	31,421	82,274	462	1,343
1940.....	576	1,366	75,397	72,030	706	1,315
1941.....	826	795	90,668	40,781	1,379	1,299
1942.....	1,004	740	69,608	25,925	1,188	1,036
1943.....	1,062	391	37,510	26,086	695	808
1944.....	1,467	598	44,654	30,987	398	496
1945.....	1,143	1,230	41,887	51,348	1,025	592
1946.....	964	1,635	52,603	70,813	1,281	1,164

<sup>1</sup> Beginning 1926, excludes units transferred from 1 class of service to another.  
Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 569.—STEAM RAILWAYS (CLASS I)—FUEL CONSUMPTION AND RAIL AND TIE REPLACEMENTS: 1944, 1945, AND 1946

[Excludes rails and ties laid in new construction. Short ton is 2,000 pounds; long ton, 2,240 pounds]

CLASS	ALL DISTRICTS			1946		
	1944	1945	1946	Eastern district	Southern district	Western district
Consumption of fuel by locomotives:						
Anthracite.....1,000 short tons..	197	139	145	145		
Bituminous coal.....do.....	122,654	115,154	100,486	48,973	24,255	27,258
Fuel oil <sup>1</sup> .....1,000 gallons..	4,511,002	4,413,072	3,869,371	4,662	39,965	3,824,744
Other fuel equivalent.....1,000 short tons..	29	32	32	4	1	27
Total, coal equivalent <sup>2</sup> .....1,000 short tons..	151,928	143,806	125,568	49,152	24,493	51,923
Rails laid in replacement and betterment:						
Total tonnage.....1,000 long tons..	2,878	2,956	2,302	773	495	1,034
Total charges <sup>3</sup> .....1,000 dollars..	100,263	106,010	87,537	28,369	18,547	40,621
Ties laid in previously constructed tracks:						
Cross ties.....thousands..	48,033	43,912	37,562	9,886	10,384	17,292
Switch and bridge ties.....1,000 board feet..	137,780	130,520	106,205	31,003	28,720	46,482
Total charges <sup>3</sup> .....1,000 dollars..	101,749	97,908	90,717	27,166	26,688	36,863

<sup>1</sup> Ratio of fuel oil to coal based upon experience of various roads.  
<sup>2</sup> Totals include equivalent of a small amount of miscellaneous fuel.  
<sup>3</sup> Excludes labor cost of applying rails or ties.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 570.—STEAM RAILWAYS—NUMBER AND COMPENSATION OF EMPLOYEES: 1890 TO 1946

[Excludes switching and terminal companies beginning 1910. 1915 data omitted because incomplete]

YEAR ENDING—	ALL OPERATING CARRIERS				YEAR ENDING—	ALL OPERATING CARRIERS			
	Average number of em- ployees	Total yearly compensa- tion (1,000 dollars)	Average com- pensation			Average number of em- ployees	Total yearly compensa- tion (1,000 dollars)	Average com- pensation	
			Per hour 1	Per year				Per hour 1	Per year
June 30:					June 30:				
1890.....	749,301				1914.....	1,710,296	1,381,117		\$808
1895.....	785,034	445,508		\$568	1916.....	1,654,075	1,403,968	\$0.266	849
1900.....	1,017,653	577,265		567	Dec. 31:				
1905.....	1,882,196	839,945		608	1916.....	1,700,814	1,506,961	.275	886
1910.....	1,699,420	1,143,725		673					

YEAR ENDING DEC. 31—	All operating carriers: Average number of employees	CLASS I CARRIERS					
		Average number of em- ployees	Total hours (thou- sands)	Total yearly compen- sation (1,000 dollars)	Average hours per em- ployee	Average com- pensation	
						Per hour <sup>1</sup>	Per year
1920.....	2,075,886	2,022,832	5,446,741	3,681,801	2,692.6	\$0.676	\$1,820
1923.....	1,902,222	1,857,674	4,928,651	3,004,072	2,653.1	.610	1,617
1924.....	1,795,493	1,751,362	4,534,879	2,825,775	2,589.3	.623	1,613
1925.....	1,786,411	1,744,311	4,531,361	2,860,600	2,597.8	.631	1,640
1926.....	1,821,804	1,779,275	4,671,736	2,946,114	2,625.6	.631	1,656
1927.....	1,775,549	1,735,105	4,519,281	2,910,183	2,604.6	.644	1,677
1928.....	1,691,950	1,656,411	4,313,574	2,826,590	2,604.2	.655	1,706
1929.....	1,694,042	1,660,850	4,346,822	2,896,566	2,617.2	.666	1,744
1930.....	1,517,043	1,487,839	3,759,772	2,550,789	2,527.0	.678	1,714
1931.....	1,282,825	1,258,719	3,039,110	2,094,994	2,414.4	.689	1,664
1932.....	1,052,285	1,031,703	2,378,206	1,512,816	2,305.1	.636	1,466
1933.....	990,839	971,196	2,233,045	1,403,841	2,299.3	.629	1,446
1934.....	1,027,426	1,007,702	2,393,899	1,519,352	2,375.6	.635	1,508
1935.....	1,013,654	994,371	2,397,353	1,643,879	2,410.9	.686	1,653
1936.....	1,086,405	1,065,624	2,675,345	1,848,636	2,510.6	.691	1,735
1937.....	1,136,912	1,114,663	2,799,539	1,985,447	2,511.6	.709	1,781
1938.....	968,280	939,171	2,329,606	1,746,141	2,480.5	.750	1,869
1939.....	1,006,711	987,675	2,488,635	1,863,334	2,519.7	.749	1,867
1940.....	1,045,738	1,026,848	2,615,905	1,964,125	2,547.5	.751	1,913
1941.....	1,159,025	1,139,925	2,989,788	2,331,650	2,622.8	.780	2,045
1942.....	1,290,818	1,270,687	3,440,957	2,932,070	2,708.0	.852	2,307
1943.....	1,374,518	1,355,114	3,816,420	3,520,926	2,816.3	.923	2,598
1944.....	1,434,167	1,414,776	3,996,873	3,857,957	2,825.1	.965	2,727
1945.....	1,438,545	1,419,505	3,979,637	3,862,001	2,803.5	.970	2,721
1946.....	1,377,700	1,359,263	3,632,338	4,170,767	2,672.3	1.148	3,068

<sup>1</sup> Calculated for all classes of employees, including those not paid on an hourly basis.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.



**No. 571.—STEAM RAILWAYS (CLASS I)—NUMBER AND COMPENSATION OF EMPLOYEES,  
BY DISTRICTS AND BY CLASS: 1945 AND 1946**

[For years ending Dec. 31. Includes class I switching and terminal companies]

DISTRICT OR CLASS	AVERAGE NUMBER OF EMPLOYEES		TOTAL COMPENSATION (1,000 DOLLARS)		AVERAGE PER DAY OR HOUR, STRAIGHT TIME		AVERAGE PER MONTH, TOTAL COM- PENSATION	
	1945	1946	1945	1946	1945	1946	1945	1946
<b>DISTRICT</b>								
<b>All employees, all districts.....</b>	<b>1,463,809</b>	<b>1,403,000</b>	<b>3,982,664</b>	<b>4,309,654</b>				
Daily basis.....	98,932	98,655	360,011	410,823	\$11.01	\$12.69	\$303	\$347
Hourly basis.....	1,364,877	1,304,345	3,622,653	3,898,831	.891	1.070	221	249
<b>Eastern district.....</b>	<b>612,376</b>	<b>588,862</b>	<b>1,669,104</b>	<b>1,825,240</b>				
Daily basis.....	43,390	43,183	154,483	175,586	10.87	12.50	297	339
Hourly basis.....	568,986	545,679	1,514,621	1,649,654	.924	1.102	222	252
<b>Southern district.....</b>	<b>264,218</b>	<b>259,083</b>	<b>670,842</b>	<b>759,285</b>				
Daily basis.....	17,132	17,255	64,762	74,699	11.39	13.12	315	361
Hourly basis.....	247,086	241,828	606,080	684,586	.852	1.026	204	236
<b>Western district.....</b>	<b>587,215</b>	<b>555,055</b>	<b>1,642,718</b>	<b>1,725,129</b>				
Daily basis.....	38,410	38,217	140,766	160,538	10.99	12.72	305	350
Hourly basis.....	548,805	516,838	1,501,952	1,564,591	.875	1.058	228	252
<b>CLASS</b>								
<b>Executives, officials, and staff assistants.....</b>	<b>15,469</b>	<b>15,566</b>	<b>96,505</b>	<b>107,955</b>				
Daily basis.....	15,469	15,566	96,505	107,955	19.45	21.69	520	578
<b>Professional, clerical, and general....</b>	<b>239,345</b>	<b>234,122</b>	<b>607,327</b>	<b>695,400</b>				
Daily basis.....	42,227	42,587	133,183	154,829	9.91	11.51	263	303
Hourly basis.....	197,118	191,535	474,144	540,571	.888	1.070	200	235
<b>Maintenance of way and structures....</b>	<b>305,133</b>	<b>270,527</b>	<b>617,300</b>	<b>622,032</b>				
Daily basis.....	4,678	4,596	16,976	19,084	11.27	12.83	302	346
Hourly basis.....	300,455	265,931	600,324	602,948	.709	.894	167	189
<b>Maintenance of equipment and stores.....</b>	<b>397,850</b>	<b>382,146</b>	<b>1,077,916</b>	<b>1,139,381</b>				
Daily basis.....	11,998	11,900	46,351	51,917	11.16	12.70	322	364
Hourly basis.....	385,852	370,246	1,031,565	1,087,464	.905	1.079	223	245
<b>Transportation (other than train service, engine, and yard).....</b>	<b>179,658</b>	<b>184,250</b>	<b>425,006</b>	<b>511,005</b>				
Daily basis.....	17,582	17,442	38,138	46,333	6.01	7.43	181	221
Hourly basis.....	162,076	166,808	386,868	464,672	.812	.987	199	232
<b>Transportation (yardmasters, switch tenders, and hostlers).....</b>	<b>19,469</b>	<b>18,462</b>	<b>68,125</b>	<b>72,233</b>				
Daily basis.....	6,978	6,564	28,858	30,705	11.11	12.91	345	390
Hourly basis.....	12,491	11,898	39,267	41,528	.947	1.119	262	291
<b>Transportation (train and engine service).....</b>	<b>306,885</b>	<b>297,927</b>	<b>1,090,485</b>	<b>1,161,648</b>				
Hourly basis.....	306,885	297,927	1,090,485	1,161,648	1.102	1.282	296	325

Source: Interstate Commerce Commission; annual report, Wage Statistics of Class I Steam Railways in the United States.

No. 572.—STEAM RAILWAYS—RECEIVERSHIPS AND TRUSTEESHIPS: 1884 TO 1946

YEAR (CALENDAR, EXCEPT AS NOTED)	UNDER RE- CEIVERSHIP END OF YEAR <sup>1</sup>		PLACED UNDER RE- CEIVERSHIP			YEAR (CALENDAR, EXCEPT AS NOTED)	UNDER RE- CEIVERSHIP END OF YEAR <sup>1</sup>		PLACED UNDER RE- CEIVERSHIP		
	Num- ber	Mileage oper- ated	Num- ber	Miles	Stocks and long- term debt (1,000 dollars)		Num- ber	Mileage oper- ated	Num- ber	Miles	Stocks and long- term debt (1,000 dollars)
1884.....			37	11,038	714,755	1916.....	80	34,804	9	4,439	208,160
1885.....			44	8,836	385,460	1917.....	82	17,376	19	2,486	61,170
1886.....			13	1,799	70,346	1918.....	74	19,208	8	3,519	242,091
1887.....			9	1,046	90,318	1919.....	65	16,590	7	244	11,887
1888.....			22	3,270	186,814	1920.....	61	16,290	10	541	21,620
1889.....			22	3,803	99,604	1921.....	68	13,512	14	1,744	63,872
1890.....			26	2,963	105,007	1922.....	64	15,259	12	4,330	329,115
1891.....			26	2,159	84,479	1923.....	64	12,623	10	2,218	87,914
1892.....			36	10,508	357,692	1924.....	61	8,105	11	920	30,223
1893.....			74	29,340	1,781,046	1925.....	53	18,687	6	11,368	680,422
1894.....	192	40,819	38	7,025	395,791	1926.....	45	17,632	6	88	2,821
1895.....	169	37,856	31	4,069	369,075	1927.....	40	16,752	6	924	45,237
1896.....	151	30,475	34	5,441	275,597	1928.....	33	5,256	1	19	529
1897.....	128	18,862	18	1,537	92,909	1929.....	29	5,703	3	634	30,981
1898.....	94	12,745	18	2,069	138,701	1930.....	30	9,486	4	4,752	277,324
1899.....	71	9,853	10	1,019	52,285	1931.....	45	12,970	19	5,195	432,152
1900.....	52	4,178	16	1,165	78,234	1932.....	55	22,545	13	11,817	626,577
1901.....	45	2,497	4	73	1,627	1933 <sup>2</sup> .....	78	41,698	22	25,124	1,750,397
1902.....	27	1,475	5	278	5,835	1934 <sup>2</sup> .....	80	42,168	4	1,016	51,074
1903.....	27	1,185	9	229	18,823	1935 <sup>2</sup> .....	87	68,345	13	27,124	2,168,871
1904.....	28	1,323	8	744	36,069	1936 <sup>2</sup> .....	91	69,712	10	1,874	165,278
1905.....	26	796	10	3,593	176,321	1937 <sup>2</sup> .....	109	70,884	27	2,110	199,093
1906.....	34	3,971	6	204	55,042	1938 <sup>2</sup> .....	109	76,938	9	6,997	730,287
1907.....	29	3,926	7	317	13,585	1939 <sup>2</sup> .....	108	77,013	3	734	78,869
1908.....	52	9,529	24	8,009	596,359	1940 <sup>2</sup> .....	103	75,270	1	24	33
1909.....	44	10,530	5	859	78,095	1941 <sup>2</sup> .....	91	69,859	1	685	97,392
1910.....	39	5,257	7	735	51,428	1942 <sup>2</sup> .....	87	66,904	4	974	83,329
1911.....	39	4,593	5	2,606	210,607	1943 <sup>2</sup> .....	82	64,758	2	14	5,522
1912.....	44	9,786	13	3,784	182,112	1944 <sup>2</sup> .....	76	50,497	6	429	98,045
1913.....	49	16,286	17	9,020	477,781	1945 <sup>2</sup> .....	72	39,714	1	96	7,012
1914.....	63	18,608	22	4,222	199,571	1946 <sup>2</sup> .....	65	34,389			
1915.....	85	30,223	12	20,143	1,070,809						

<sup>1</sup> Data relate to June 30 prior to 1916, Dec. 31 thereafter.

<sup>2</sup> Includes roads under trusteeship.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States for first 2 columns and all data beginning with 1933; The Railway Age, Chicago, for other data.

### No. 573.—STEAM RAILWAYS (ALL REPORTING COMPANIES)—CAPITALIZATION: 1890 TO 1946

[All amounts except "per mile of road" in millions of dollars. Excludes switching and terminal companies beginning with 1910; their total capitalization in 1946 was \$763,012,000. Includes both operating and non-operating railways. Gross figures include considerable amounts of securities held by companies issuing them as well as larger amounts held by other railway companies]

YEAR	TOTAL CAPITALIZATION				HELD BY RAILROADS		NET CAPITALIZATION				
	Total	Common stock	Preferred stock	Funded debt	Stock	Funded debt	Total	Per mile of road (dollars)	Stock	Funded debt	Funded debt, percent of total
June 30:											
1890.....	8,984	3,803	606	4,575	964	443	7,577	-----	3,445	4,132	54.5
1900.....	11,491	4,522	1,323	5,646	1,470	473	9,548	-----	4,375	5,172	54.2
1910.....	18,417	6,710	1,403	10,304	2,555	1,486	14,376	62,819	5,559	8,817	61.3
Dec. 31:											
1920.....	21,891	7,215	1,898	12,778	2,407	2,490	16,994	68,787	6,707	10,287	60.5
1925.....	23,644	7,602	1,937	14,105	2,654	2,799	18,191	74,460	6,885	11,305	62.1
1930.....	24,331	8,609	2,074	14,248	2,897	2,368	19,066	77,343	7,186	11,880	62.3
1934.....	24,570	7,994	2,044	14,532	2,999	2,918	18,653	77,090	7,039	11,614	62.3
1935.....	24,247	7,987	2,036	14,224	3,022	2,883	18,342	76,389	7,002	11,340	61.8
1936.....	24,003	7,993	2,036	13,974	2,933	2,734	18,336	76,910	7,095	11,241	61.3
1937.....	24,123	8,064	2,050	14,009	3,045	2,759	18,319	77,280	7,069	11,250	61.4
1938.....	23,855	8,046	2,049	13,766	3,067	2,800	17,968	76,449	7,022	10,966	61.0
1939.....	23,609	8,025	2,050	13,534	3,084	2,827	17,698	75,701	6,991	10,707	60.5
1940.....	23,371	8,005	2,064	13,302	3,048	2,693	17,630	75,839	7,021	10,609	60.2
1941.....	22,952	7,832	1,980	13,140	2,808	2,576	17,568	76,139	7,004	10,564	60.1
1942.....	22,742	7,882	1,959	12,901	2,880	2,547	17,315	75,974	6,961	10,354	59.8
1943.....	22,149	7,842	1,936	12,371	2,857	2,537	16,755	74,162	6,921	9,834	58.7
1944.....	21,693	7,790	2,023	11,880	2,849	2,568	16,276	72,037	6,964	9,312	57.2
1945.....	20,891	7,743	2,004	11,144	2,739	2,485	15,667	69,654	7,008	8,659	55.3
1946.....	20,545	7,733	1,980	10,832	2,699	2,337	15,509	68,982	7,014	8,495	54.8

### No. 574.—STEAM RAILWAYS—STOCK OUTSTANDING, DIVIDENDS, AND INTEREST: 1891 TO 1946

[For years ending June 30 prior to 1916, calendar years thereafter. Includes nonoperating as well as operating roads. Excludes switching and terminal roads beginning with 1908. Dividend figures throughout cover all classes of roads, but interest figure for 1913 excludes unimportant class III roads. Amount of stock shown in first column is exclusive of stock held by issuing company, but includes that held by other railway companies]

YEAR OR YEARLY AVERAGE	STOCK			DIVIDENDS			Interest accrued on funded debt (1,000 dol.)
	Actually outstanding (1,000 dol.)	Paying dividends (1,000 dol.)	Percent paying dividends	Amount declared (1,000 dol.)	Percent on stock paying dividends	Percent on all stock outstanding	
1891-1895.....	-----	1,737,048	-----	94,093	5.42	-----	243,013
1896-1900.....	-----	1,977,832	-----	104,295	5.27	-----	249,548
1901-1905.....	-----	3,505,694	-----	199,752	5.70	-----	285,755
1906-1910.....	-----	4,930,368	-----	339,685	6.89	-----	363,470
1911-1915.....	8,561,050	5,595,888	65.36	401,944	7.18	4.70	436,178
1916-1920.....	8,866,429	5,310,622	59.90	350,789	6.61	3.96	480,063
1921-1925.....	9,131,529	5,669,613	62.09	400,389	7.06	4.38	558,375
1926-1930.....	9,697,138	7,108,596	73.31	543,007	7.64	5.60	582,701
1928.....	9,722,079	7,159,989	73.65	510,018	7.12	5.25	578,831
1929.....	9,847,311	7,506,265	76.23	560,902	7.47	5.70	580,770
1930.....	10,011,538	7,702,021	76.93	603,150	7.83	6.02	588,742
1931.....	10,008,413	7,325,664	73.20	401,463	5.48	4.01	592,866
1932.....	10,042,762	3,298,822	32.85	150,774	4.57	1.50	591,340
1933.....	10,027,092	3,119,282	31.11	158,790	5.09	1.58	590,230
1934.....	9,958,550	3,411,520	34.26	211,767	6.21	2.13	569,760
1935.....	9,925,202	3,412,968	34.39	202,568	5.94	2.04	559,187
1936.....	9,929,650	3,594,789	36.20	231,733	6.45	2.33	548,452
1937.....	9,812,663	3,890,177	39.64	227,596	5.85	2.32	532,237
1938.....	9,788,412	3,139,486	32.07	136,270	4.34	1.39	521,758
1939.....	9,773,557	3,190,115	32.64	179,412	5.62	1.84	512,283
1940.....	9,769,974	3,741,132	38.29	216,522	5.79	2.22	547,333
1941.....	9,498,962	3,861,658	40.65	239,438	6.20	2.52	543,954
1942.....	9,500,543	5,355,928	56.37	254,088	4.74	2.67	564,174
1943.....	9,429,323	5,466,566	57.97	263,919	4.83	2.83	515,617
1944.....	9,448,379	5,523,271	58.46	292,248	5.29	3.09	488,877
1945.....	9,423,342	5,383,158	57.13	295,294	5.49	3.13	449,917
1946.....	9,408,536	5,221,681	55.50	283,171	5.42	3.01	406,147

Source of tables 573 and 574: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

## No. 575.—STEAM RAILWAYS—SECURITIES ACTUALLY OUTSTANDING: 1930 TO 1946

[All figures in thousands of dollars. Capital actually outstanding represents securities in hands of public or of railway companies other than those issuing same; excludes securities held by or for issuing company. Excludes switching and terminal companies]

SECURITY AND YEAR ENDING DEC. 31—	ALL RAILROADS				Class I	Class II	Class III	Non- operating sub- sidiaries
	All dis- tricts	Eastern district	Southern district	Western district				
<b>Total:</b>								
1930.....	22,782,889	9,128,919	3,558,575	9,995,395	19,006,275	249,079	64,514	3,362,720
1935.....	22,079,551	9,210,379	3,401,012	9,468,160	18,530,046	300,476	53,426	3,195,609
1940.....	21,047,280	8,910,221	3,344,555	8,792,504	17,761,161	237,786	44,147	3,004,196
1945.....	18,651,292	8,074,078	2,839,008	7,798,206	16,030,795	207,822	27,068	2,415,387
1946.....	18,442,437	8,026,132	2,834,629	7,583,676	15,928,544	200,968	25,131	2,294,594
<b>Stock:</b>								
1930.....	10,011,538	4,290,108	1,461,628	4,259,802	8,267,129	207,556	48,068	1,491,785
1935.....	9,925,202	4,325,471	1,431,397	4,168,334	8,218,994	194,922	35,217	1,473,009
1940.....	9,769,974	4,364,337	1,441,969	3,965,668	8,158,960	162,720	21,765	1,418,329
1945.....	9,423,342	4,029,886	1,398,890	3,994,566	8,008,565	150,861	21,024	1,342,892
1946.....	9,408,586	4,019,613	1,392,027	3,996,896	8,036,390	146,411	19,954	1,205,781
<b>Funded debt:</b>								
1930.....	12,771,351	4,838,811	2,196,947	5,735,593	10,739,147	141,523	19,746	1,870,935
1935.....	12,154,349	4,884,908	1,969,615	5,299,826	10,311,046	105,554	15,209	1,722,540
1940.....	11,277,306	4,545,894	1,902,586	4,828,836	9,601,301	75,066	12,382	1,588,657
1945.....	9,257,950	4,044,192	1,440,118	3,773,840	8,022,230	56,961	6,064	1,172,695
1946.....	9,040,901	4,006,519	1,442,602	3,591,780	7,892,254	54,557	5,177	1,088,913
<b>1946</b>								
Common stock.....	7,447,541	3,443,369	1,195,421	2,808,751	6,200,085	136,421	19,646	1,091,389
Preferred stock.....	1,900,995	575,244	198,606	1,188,145	1,836,306	9,990	308	114,392
Mortgage bonds.....	7,651,860	3,369,736	1,214,752	3,067,872	6,540,372	47,594	5,123	1,058,641
Collateral trust bonds.....	291,951	188,921	18,840	84,190	282,757	2,177	—	7,017
Unsecured bonds (debentures).....	406,496	157,658	44,436	204,402	395,331	1,596	—	15,509
Miscellaneous obligations.....	64,542	18,293	10,508	37,773	55,742	3,260	54	4,466
Equipment obligations.....	626,052	273,941	154,068	198,043	626,062	—	—	—

## No. 576.—STEAM RAILWAYS—INVESTMENT, INCOME, AND DIVIDENDS: 1926 TO 1946

[All figures, except as indicated, in thousands of dollars. Excludes data for switching and terminal companies. Investment is as reported by carrier and should not be confused with tentative valuation fixed by Interstate Commerce Commission]

YEAR ENDING DEC. 31—	Invest- ment	Invest- ment per mile of road	Net rail- way oper- ating income	Return on in- vest- ment	Other in- come <sup>1</sup>	Interest, rents, and other de- ductions <sup>1</sup>	Dividends declared <sup>1</sup>
		<i>Dollars</i>		<i>Percent</i>			
1926.....	23,880,740	97,433	1,229,020	5.15	301,541	718,964	411,306
1927.....	24,453,871	99,546	1,077,842	4.41	314,396	722,445	508,146
1928.....	24,875,984	100,974	1,182,467	4.75	322,310	720,776	436,317
1929.....	25,465,086	103,197	1,262,636	4.96	362,363	728,428	495,345
1930.....	26,081,000	106,061	874,154	3.36	361,196	716,730	511,259
1931.....	26,094,899	106,953	528,204	2.02	307,788	708,622	335,986
1932.....	26,086,991	106,337	325,332	1.25	226,092	701,600	97,345
1933.....	25,901,962	106,437	477,326	1.84	213,592	703,745	98,443
1934.....	25,681,606	106,279	466,896	1.81	203,941	694,360	126,618
1935.....	25,800,465	106,539	503,415	1.95	186,228	685,688	131,448
1936.....	25,432,388	106,788	675,000	2.65	182,821	693,479	175,323
1937.....	25,636,082	106,235	597,841	2.33	176,322	676,276	172,796
1938.....	25,596,739	106,371	376,865	1.47	156,841	660,298	85,239
1939.....	25,538,157	107,321	696,951	2.73	162,599	658,054	128,295
1940.....	25,646,014	110,449	690,554	2.69	170,794	670,257	168,696
1941.....	25,658,984	111,362	1,009,592	3.93	178,066	663,002	189,750
1942.....	25,838,351	113,364	1,490,364	5.77	184,245	737,155	206,316
1943.....	26,145,458	115,286	1,370,568	5.24	202,969	667,257	220,319
1944.....	26,631,654	117,771	1,118,153	4.13	213,082	640,428	249,893
1945.....	26,667,756	119,664	856,864	3.18	206,998	689,973	246,693
1946.....	27,277,974	121,074	634,668	2.33	211,963	548,819	297,605

<sup>1</sup> Excludes returns for lesser companies.

Source of tables 575 and 576: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

# **No. 577.—STEAM-RAILWAY FREIGHT SERVICE—TRAIN-MILES, CAR-MILES, TONNAGE AND RELATED AVERAGES: 1891 TO 1946**

[For years ending June 30, prior to 1916, thereafter calendar years. Excludes switching and terminal roads beginning with 1908, except as noted. Tonnage "per loaded car" for "All roads" based on revenue tonnage only; and for "Class I roads" on revenue and nonrevenue tonnage. Tons are of 2,000 pounds]

CLASS AND YEAR OR YEARLY AVERAGE	Train-miles (thousands) <sup>1</sup>	CAR-MILES (THOUSANDS) <sup>1</sup>		TONS OF REVENUE FREIGHT		FREIGHT REVENUE <sup>1</sup>		Average miles per car per day <sup>2</sup>
		Loaded (revenue and non-revenue)	Empty	Per train	Per loaded car	Per train-mile (dollars) <sup>3</sup>	Per loaded car-mile (cents) <sup>3</sup>	
<b>All roads:</b>								
1891-1905	467,299			184		1.62		
1896-1900	489,723			299		1.76		
1901-1905	519,896	9,631,628	4,320,390	304	17.4	2.35		
1906-1910	603,105	11,754,421	5,234,008	359	19.5	2.72		
1911-1915	608,312	13,369,203	5,169,216	432	20.7	3.19		
1916-1920	617,430	15,274,413	6,904,625	604	25.3	5.30		
1921-1925	577,844	15,099,213	8,096,532	621	24.6	7.39		
1926-1930	589,399	17,357,165	10,330,175	700	24.6	7.67		
1931-1935	390,917	11,419,604	7,283,037	626	23.2	6.46		
1936-1940	478,402	13,982,934	8,371,016	713	24.6	6.95	22.6	
1941-1945	600,694	21,669,322	11,938,016	977	29.7	9.29	27.9	46.2
1925	602,873	16,836,710	9,319,708	663	24.6	7.41	26.9	36.5
1926	622,295	17,759,004	10,154,842	689	25.0	7.58	27.0	39.4
1927	628,436	17,390,777	10,298,091	690	24.8	7.59	26.6	39.3
1928	589,616	17,737,670	10,487,264	706	24.3	7.77	26.3	31.2
1929	606,343	18,169,092	10,805,302	718	24.5	7.86	26.4	32.3
1930	523,255	15,709,294	9,903,415	609	24.3	7.56	25.6	28.7
1931	446,261	13,067,643	8,472,144	553	23.4	6.98	24.6	24.6
1932	368,658	10,231,344	6,642,756	585	22.6	6.26	23.6	19.8
1933	368,658	10,540,396	6,773,651	619	23.3	6.32	23.2	21.3
1934	397,150	11,410,710	7,347,667	634	23.2	6.23	22.7	24.2
1935	408,851	11,827,925	7,178,969	646	23.5	6.51	23.2	25.5
1936	496,268	14,030,619	8,210,293	687	24.3	6.79	23.7	30.7
1937	512,200	14,702,185	8,636,673	708	24.7	6.72	23.1	32.4
1938	431,590	12,363,783	7,005,954	677	23.5	6.78	23.4	28.1
1939	461,026	13,639,377	8,267,277	727	24.6	7.18	23.9	31.7
1940	491,127	14,776,705	9,134,885	764	25.4	7.32	24.0	34.9
1941	577,144	18,171,979	10,251,079	827	26.3	7.83	24.6	40.6
1942	676,247	21,535,673	12,755,362	948	29.9	8.92	27.7	46.2
1943	710,497	23,284,078	12,953,549	1,029	31.4	9.67	29.2	48.5
1944	708,241	24,185,743	12,593,119	1,046	30.6	10.02	29.1	49.3
1945	661,341	22,690,137	11,136,973	1,034	30.2	10.02	28.9	46.5
1946	599,165	20,340,175	10,016,300	993	29.2	9.80	28.6	42.4
<b>Class I roads, total:</b>								
1921-1925	567,286	15,158,242	8,032,891	633	27.0	7.23	25.3	25.8
1926-1930	576,664	17,457,631	10,267,375	713	26.8	7.67	26.4	30.6
1931-1935	390,772	11,603,584	7,250,061	538	25.4	6.46	23.6	23.1
1936-1940	468,859	13,806,378	8,319,797	729	26.8	6.95	23.6	31.5
1941-1945	637,277	21,876,605	11,578,864	999	31.8	9.29	27.9	46.2
1942	666,437	21,442,458	12,693,049	966	31.8	8.92	27.7	46.3
1943	701,212	23,193,928	12,896,699	1,060	33.3	9.67	29.2	48.5
1944	698,781	24,067,691	12,531,812	1,068	32.6	10.02	29.1	49.3
1945	652,250	22,575,076	11,080,465	1,058	32.2	10.02	28.9	46.5
1946	590,413	20,249,129	9,962,515	1,016	31.2	9.80	28.6	42.4
<b>Eastern district:</b>								
1942	230,188	8,006,113	4,931,895	1,111	33.1	10.38	29.6	29.6
1943	240,118	8,541,913	5,053,625	1,169	34.4	10.99	30.9	41.5
1944	234,924	8,574,907	4,804,135	1,194	33.9	11.36	31.1	40.7
1945	210,293	7,731,018	3,920,421	1,188	33.5	11.43	31.1	39.2
1946	190,857	7,080,991	3,532,253	1,147	32.2	11.68	31.6	33.2
<b>Southern district:</b>								
1942	142,067	4,143,542	2,627,371	970	34.9	8.14	27.9	50.5
1943	147,552	4,403,451	2,620,712	1,037	36.3	8.74	29.3	53.1
1944	146,789	4,511,330	2,555,714	1,049	35.8	9.00	29.4	52.8
1945	137,699	4,244,216	2,293,402	1,081	35.1	8.93	29.0	50.1
1946	129,228	4,016,817	2,091,253	1,022	34.6		28.6	47.0
<b>Western district:</b>								
1942	294,162	9,292,803	5,123,783	856	29.2	8.15	25.8	62.2
1943	313,542	10,248,594	5,222,322	951	31.1	9.10	27.6	54.5
1944	317,048	11,001,754	5,171,963	964	30.2	9.48	27.3	57.7
1945	304,258	10,399,842	4,876,632	981	30.0	9.63	27.4	56.9
1946	270,328	9,171,231	4,238,909	920	29.0	8.92	26.3	51.3

<sup>1</sup> 1925 and prior years not strictly comparable with subsequent years due to change in train classifications.

<sup>2</sup> Beginning with 1917 data available for class I roads only.

<sup>3</sup> Data are for class I roads including switching and terminal companies.

Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

**No. 578.—STEAM-RAILWAY FREIGHT SERVICE—TONS CARRIED, TON MILES REVENUE, AND AVERAGE HAUL: 1891 TO 1946**

[For years ending June 30 prior to 1916, thereafter calendar years. Excludes switching and terminal roads beginning with 1908. Tons are of 2,000 pounds]

CLASS AND YEAR OR YEARLY AVERAGE	TONS OF REVENUE FREIGHT CARRIED (THOUSANDS)		TONS CARRIED 1 MILE (MILLIONS)		Revenue ton-miles per mile of road	AVERAGE HAUL, REVENUE FREIGHT (MILES)		FREIGHT REVENUE	
	Originated	Total	Revenue freight	Revenue and nonrevenue		System	Individual road	Amount (1,000 dols.)	Per ton-mile (cents)
<b>All roads:</b>									
1891-1895.....	-----	692, 446	85, 693	-----	506, 809	-----	123. 75	758, 930	0. 886
1896-1900.....	-----	874, 389	113, 962	-----	611, 128	-----	130. 33	879, 837	. 772
1901-1905.....	691, 120	1, 266, 313	167, 715	-----	820, 016	242. 67	132. 44	1, 298, 713	. 774
1906-1910.....	930, 254	1, 673, 431	228, 936	-----	1, 006, 849	246. 10	136. 81	1, 744, 525	. 762
1911-1915.....	1, 074, 121	1, 903, 074	277, 073	-----	1, 104, 718	257. 95	145. 59	2, 051, 625	. 740
1916-1920.....	1, 325, 772	2, 378, 164	390, 815	-----	1, 510, 297	294. 78	164. 33	3, 419, 200	. 875
1921-1925.....	1, 231, 193	2, 216, 317	375, 468	-----	1, 455, 589	304. 96	169. 41	4, 377, 618	1. 166
1926-1930.....	1, 364, 607	2, 481, 018	430, 310	-----	1, 657, 434	315. 34	173. 44	4, 600, 122	1. 090
1931-1935.....	798, 205	1, 437, 728	270, 192	-----	1, 051, 083	339. 12	187. 93	2, 763, 951	1. 023
1936-1940.....	986, 094	1, 778, 746	341, 321	-----	1, 370, 519	346. 13	191. 89	3, 313, 398	. 971
1941-1945.....	1, 481, 798	2, 925, 421	654, 687	-----	2, 711, 448	439. 36	222. 44	6, 221, 235	. 950
1923.....	1, 387, 755	2, 503, 117	416, 256	-----	1, 615, 741	299. 94	166. 29	4, 712, 495	1. 132
1924.....	1, 287, 413	2, 331, 291	391, 945	-----	1, 518, 556	304. 44	168. 12	4, 437, 380	1. 132
1925.....	1, 351, 155	2, 463, 725	417, 418	-----	1, 613, 862	308. 93	169. 43	4, 648, 304	1. 114
1926.....	1, 439, 612	2, 627, 492	447, 444	-----	1, 732, 295	310. 81	170. 29	4, 905, 981	1. 096
1927.....	1, 372, 547	2, 510, 054	432, 014	-----	1, 668, 800	314. 75	172. 11	4, 728, 885	1. 095
1928.....	1, 371, 359	2, 504, 196	436, 087	-----	1, 677, 089	318. 00	174. 14	4, 771, 562	1. 094
1929.....	1, 419, 383	2, 584, 333	450, 189	-----	1, 727, 786	317. 17	174. 20	4, 899, 168	1. 088
1930.....	1, 220, 134	2, 179, 015	385, 815	-----	1, 481, 199	316. 21	177. 06	4, 145, 015	1. 074
1931.....	944, 846	1, 694, 075	311, 073	-----	1, 196, 960	329. 23	183. 62	3, 302, 324	1. 062
1932.....	678, 854	1, 229, 078	235, 309	-----	908, 296	346. 63	191. 45	2, 485, 475	1. 056
1933.....	733, 391	1, 322, 463	250, 651	-----	972, 262	341. 77	189. 53	2, 528, 968	1. 009
1934.....	802, 276	1, 440, 434	270, 292	-----	1, 058, 609	336. 91	187. 65	2, 671, 901	. 989
1935.....	831, 656	1, 502, 590	283, 637	-----	1, 119, 290	341. 05	188. 77	2, 831, 139	. 998
1936.....	1, 011, 530	1, 806, 767	341, 182	-----	1, 353, 406	337. 29	188. 94	3, 356, 631	. 984
1937.....	1, 075, 237	1, 928, 444	362, 815	-----	1, 446, 921	337. 43	188. 14	3, 428, 421	. 945
1938.....	819, 733	1, 482, 504	291, 866	-----	1, 171, 637	356. 05	196. 87	2, 900, 676	. 994
1939.....	954, 924	1, 729, 537	335, 375	-----	1, 355, 052	351. 21	193. 91	3, 297, 059	. 983
1940.....	1, 069, 045	1, 947, 479	375, 369	-----	1, 525, 579	351. 13	192. 75	3, 584, 201	. 955
1941.....	1, 295, 860	2, 404, 801	477, 576	-----	1, 950, 166	368. 54	198. 59	4, 509, 760	. 944
1942.....	1, 498, 477	2, 946, 470	640, 992	-----	2, 638, 067	427. 76	217. 55	6, 026, 416	. 940
1943.....	1, 556, 558	3, 157, 563	730, 132	-----	3, 032, 199	469. 07	231. 23	6, 865, 754	. 940
1944.....	1, 564, 780	3, 156, 484	740, 586	-----	3, 084, 195	473. 28	234. 62	7, 067, 033	. 957
1945.....	1, 493, 314	2, 961, 789	684, 148	-----	2, 852, 615	458. 14	230. 21	6, 617, 213	. 967
1946.....	1, 431, 936	2, 734, 818	594, 943	-----	2, 488, 499	415. 48	217. 54	5, 866, 351	. 986
<b>Class I roads:</b>									
1931-1935.....	758, 855	1, 365, 784	268, 635	295, 021	1, 118, 250	354. 56	196. 69	2, 719, 977	1. 013
1936-1940.....	931, 474	1, 683, 416	339, 328	371, 378	1, 445, 558	364. 3	201. 6	3, 259, 838	. 961
1941-1945.....	1, 409, 293	2, 783, 004	651, 676	695, 835	2, 835, 046	459. 8	232. 9	6, 140, 518	. 942
1942.....	1, 421, 187	2, 796, 920	637, 984	681, 501	2, 760, 479	448. 9	228. 1	5, 944, 344	. 932
1943.....	1, 481, 225	3, 006, 045	727, 075	772, 203	3, 168, 749	490. 9	241. 7	6, 782, 470	. 933
1944.....	1, 491, 491	3, 005, 798	737, 246	785, 202	3, 222, 168	494. 3	245. 3	6, 998, 606	. 949
1945.....	1, 424, 913	2, 823, 992	681, 001	726, 424	2, 979, 597	477. 9	241. 1	6, 533, 767	. 969
1946.....	1, 366, 617	2, 602, 186	591, 982	632, 558	2, 596, 647	433. 2	227. 5	5, 786, 556	. 978
<b>Eastern district:</b>									
1942.....	563, 566	1, 375, 979	252, 051	265, 069	4, 425, 172	447. 2	183. 2	2, 390, 017	. 948
1943.....	592, 145	1, 471, 618	280, 477	293, 880	4, 973, 466	473. 7	190. 6	2, 639, 352	. 941
1944.....	607, 633	1, 476, 499	275, 843	290, 539	4, 908, 995	454. 0	186. 8	2, 666, 022	. 966
1945.....	571, 235	1, 356, 295	245, 508	258, 776	4, 373, 902	429. 8	181. 0	2, 404, 531	. 979
1946.....	553, 220	1, 252, 965	215, 388	227, 279	3, 835, 313	389. 3	171. 9	2, 228, 798	1. 036
<b>Southern district:</b>									
1942.....	352, 968	586, 007	136, 346	144, 806	3, 116, 553	386. 3	232. 7	1, 155, 961	. 848
1943.....	358, 953	622, 289	151, 155	160, 058	3, 480, 423	421. 1	242. 9	1, 289, 058	. 853
1944.....	355, 928	617, 771	152, 253	161, 565	3, 510, 565	427. 8	246. 5	1, 325, 844	. 871
1945.....	340, 419	586, 146	140, 235	149, 141	3, 234, 870	411. 9	239. 2	1, 239, 082	. 876
1946.....	340, 656	557, 690	130, 446	139, 004	3, 014, 141	382. 9	233. 9	1, 147, 734	. 880
<b>Western district:</b>									
1942.....	504, 653	834, 934	249, 587	271, 624	1, 914, 807	494. 6	298. 9	2, 398, 366	. 961
1943.....	530, 127	914, 138	295, 443	318, 265	2, 280, 246	557. 3	323. 2	2, 854, 060	. 966
1944.....	527, 930	911, 528	309, 150	333, 098	2, 393, 008	585. 6	339. 2	3, 006, 740	. 972
1945.....	513, 259	881, 551	295, 258	318, 507	2, 288, 462	575. 3	334. 9	2, 900, 204	. 982
1946.....	427, 741	791, 511	246, 149	266, 275	1, 915, 796	520. 7	311. 0	2, 410, 624	. 979

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.



# No. 579.—STEAM RAILWAYS (CLASS I)—OPERATING REVENUES, FREIGHT AND PASSENGER REVENUE, AND FREIGHT TON-MILES, BY MONTHS

[Except at times of general revisions in freight rates, changes in freight revenue closely parallel those of ton-mileage.  
Excludes class I switching and terminal companies]

YEAR	Average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
TOTAL OPERATING REVENUES (millions of dollars)													
1926.....	532.7	476.0	455.7	525.7	494.9	512.2	535.4	551.6	573.8	584.8	603.6	556.2	522.1
1927.....	511.7	482.0	464.0	525.2	493.3	513.6	511.6	503.9	551.6	559.5	574.7	498.8	442.6
1928.....	509.5	452.8	451.3	499.9	469.3	505.3	496.9	507.6	552.2	550.4	611.7	526.0	491.1
1929.....	523.6	481.6	470.4	511.3	508.6	531.8	526.0	551.7	590.2	560.7	602.4	494.1	464.2
1930.....	440.1	446.3	423.2	447.7	445.9	457.6	439.7	451.8	461.0	462.2	478.0	394.3	373.9
1931.....	349.0	361.8	332.8	371.9	365.4	364.8	365.8	372.8	360.3	346.3	359.0	301.9	285.4
1932.....	260.6	272.2	264.2	286.7	264.9	251.9	243.5	235.8	249.4	269.5	295.2	250.7	243.3
1933.....	258.0	226.6	212.2	218.1	224.9	255.2	278.3	293.7	297.0	292.2	294.4	257.7	245.3
1934.....	272.6	258.0	248.5	293.2	265.4	282.0	282.8	276.0	282.7	275.5	292.9	257.0	257.5
1935.....	287.5	264.2	254.9	280.9	274.7	279.5	281.3	275.8	294.0	306.9	341.0	301.3	296.1
1936.....	337.7	299.1	300.4	308.3	313.4	320.9	330.6	349.7	350.5	357.1	391.3	358.4	372.1
1937.....	347.2	331.7	321.9	377.7	351.5	352.5	351.7	365.1	359.6	363.1	372.9	318.2	300.3
1938.....	297.1	279.1	251.0	283.0	268.2	272.6	282.1	299.6	315.8	322.5	353.4	319.6	318.3
1939.....	332.9	305.8	276.9	315.1	282.1	302.6	321.6	332.4	344.4	381.1	419.7	368.0	345.2
1940.....	358.2	345.6	313.6	327.1	321.6	343.5	345.0	366.2	381.5	382.7	413.7	375.5	381.9
1941.....	445.6	377.4	358.4	416.3	375.0	442.3	455.0	485.4	493.7	489.0	517.6	457.0	479.6
1942.....	622.2	480.7	462.5	540.3	572.5	601.1	623.7	665.2	683.8	697.8	745.6	690.1	703.0
1943.....	754.5	671.3	663.5	756.2	748.7	759.3	747.3	791.1	800.2	776.5	796.2	762.0	781.7
1944.....	786.4	740.7	735.3	797.0	759.5	804.1	799.5	809.0	836.2	799.2	818.7	780.7	756.9
1945.....	741.6	750.9	712.8	812.9	778.6	822.6	819.9	795.7	754.9	678.9	697.0	661.2	613.7
1946.....	635.6	641.0	579.1	646.2	566.6	532.6	612.0	674.1	710.3	660.4	710.0	658.2	637.2
FREIGHT REVENUE (millions of dollars)													
1934.....	219.5	208.8	201.7	241.0	214.3	228.6	225.7	221.3	224.8	220.5	238.8	208.6	199.4
1935.....	233.0	211.5	206.5	229.2	222.6	224.9	225.8	221.1	235.7	250.6	285.4	248.7	234.4
1936.....	275.6	241.1	245.1	251.8	256.3	262.7	268.5	283.9	283.5	291.6	325.9	298.1	299.1
1937.....	281.5	268.7	264.1	313.8	288.6	287.9	281.8	293.1	289.2	293.8	307.1	258.7	231.3
1938.....	238.2	218.3	198.4	227.1	211.4	217.9	222.7	238.1	253.6	261.3	293.7	264.1	251.3
1939.....	270.9	246.8	224.8	257.5	224.6	243.6	255.8	265.1	276.7	314.4	355.1	310.4	276.3
1940.....	294.8	283.1	257.7	266.7	265.3	284.7	280.7	300.7	310.7	316.1	348.2	315.2	306.4
1941.....	370.6	309.6	296.1	346.6	305.2	370.9	377.5	405.5	410.2	411.2	440.1	385.2	389.2
1942.....	495.4	392.6	377.6	445.7	468.0	488.0	501.3	533.1	537.4	546.8	587.6	534.8	531.9
1943.....	565.2	514.3	513.1	585.2	570.1	573.7	549.1	582.4	585.6	576.0	594.5	566.4	571.3
1944.....	583.2	548.4	551.4	597.0	561.1	600.1	585.1	593.8	617.3	591.1	612.0	585.4	555.8
1945.....	544.2	558.4	536.8	622.8	593.9	626.0	610.7	589.2	547.3	488.3	492.3	463.7	401.2
1946.....	482.2	453.5	421.2	483.9	411.8	399.3	458.5	513.3	546.2	515.6	567.0	522.8	493.5
PASSENGER REVENUE (millions of dollars)													
1939.....	34.7	34.8	30.2	31.2	31.8	31.8	38.4	41.3	39.8	37.1	33.4	29.3	37.8
1940.....	34.8	36.1	31.9	33.3	30.0	29.7	35.9	37.7	41.0	36.1	33.5	31.2	40.8
1941.....	42.9	40.2	36.5	40.0	38.3	37.5	44.8	47.4	49.8	43.5	42.2	40.5	53.9
1942.....	85.7	55.7	54.7	59.1	66.1	74.3	82.3	91.9	103.5	105.0	106.3	108.1	119.2
1943.....	137.7	111.7	107.2	121.4	127.9	133.6	147.3	156.6	162.0	146.7	144.9	141.9	151.5
1944.....	149.2	140.1	135.9	147.8	146.6	150.1	159.6	162.2	162.1	153.0	146.4	140.3	146.4
1945.....	143.0	139.2	125.9	133.6	129.2	138.9	152.2	150.7	153.3	140.1	146.5	145.6	161.1
1946.....	104.9	137.6	114.7	114.6	106.1	92.2	106.6	112.4	112.1	95.4	89.3	85.5	92.7
FREIGHT TON-MILES (millions) <sup>1</sup>													
1934.....	24,805	23,771	23,199	27,796	23,475	25,262	25,208	24,260	25,405	25,889	26,504	23,785	23,102
1935.....	26,031	24,967	24,124	27,598	23,340	24,672	25,951	23,174	25,938	27,731	31,218	27,482	26,179
1936.....	31,087	27,857	29,151	27,995	28,131	29,894	28,757	31,131	32,091	33,047	37,143	33,859	33,972
1937.....	32,983	33,138	32,218	36,655	32,261	34,090	31,848	33,745	33,699	34,862	36,700	29,097	27,417
1938.....	26,517	26,406	23,182	26,036	22,784	23,697	23,881	26,305	27,434	29,119	32,759	28,474	28,129
1939.....	30,393	28,155	25,558	28,834	23,982	25,741	28,461	29,829	31,397	36,118	40,069	35,125	31,453
1940.....	33,820	32,518	29,662	31,118	29,909	33,081	32,900	33,716	36,406	37,060	38,614	35,955	34,903
1941.....	42,852	36,070	34,186	40,572	31,617	43,391	44,032	46,079	49,231	47,622	51,142	46,026	44,252
1942.....	56,830	46,647	44,105	51,862	53,646	58,520	57,252	60,712	62,414	61,944	66,021	60,460	58,376
1943.....	64,369	58,933	58,098	64,662	62,997	66,500	61,345	68,185	68,981	66,565	69,218	63,196	63,745
1944.....	65,459	64,704	63,101	66,960	64,450	68,376	65,695	66,754	68,454	65,065	67,679	63,203	61,107
1945.....	60,504	60,676	58,924	68,224	65,215	68,631	66,558	64,696	60,487	56,078	53,260	53,453	49,844
1946.....	52,716	52,076	48,738	56,517	39,814	42,407	53,557	55,197	59,443	56,434	60,827	54,873	52,712

<sup>1</sup> Revenue and nonrevenue.

Source: Interstate Commerce Commission; monthly reports, Operating Revenues and Operating Expenses of Class I Steam Railways and Operating Statistics of Class I Steam Railways.

# No. 580.—STEAM RAILWAYS—PASSENGERS CARRIED AND PASSENGER REVENUE: 1891 TO 1946

[For years ending June 30 prior to 1916, calendar years thereafter. Passenger service revenue per train-mile includes revenue from mail, express, etc., but average revenue per passenger-mile is computed only from revenue from passengers themselves.]

CLASS AND YEAR OR YEARLY AVERAGE	Passengers carried (thou- sands)	Pas- sengers carried 1 mile (mil- lions)	Aver- age jour- ney per pas- sen- ger (miles)	Pas- sen- ger train- miles (thou- sands) <sup>1</sup>	Passenger train car-miles (thou- sands) <sup>1</sup>	Passenger revenue (thousand dollars)	Pas- senger service train revenue per train- mile <sup>2</sup>	Reve- nue per pas- senger per mile (cts.)	Aver- age pas- sen- gers per train <sup>1</sup>
<b>All roads:</b>									
1891-1896	546,782	13,383	24.48	821,031	-----	281,415	\$1.06	2.10	43
1896-1900	520,459	13,853	26.54	345,457	-----	279,900	.99	2.03	39
1901-1905	681,261	20,737	30.44	423,244	-----	416,609	1.11	2.01	45
1906-1910	885,033	28,683	32.41	509,858	-----	506,815	1.26	1.99	53
1911-1915	1,018,804	33,768	33.14	587,501	3,264,899	572,792	1.32	1.99	54
1916-1920	1,152,556	42,648	28.92	572,215	3,447,464	1,021,536	2.13	2.40	74
1921-1925	982,320	36,869	37.53	571,455	3,603,117	1,112,634	2.47	3.03	65
1926-1930	801,503	31,946	39.73	569,310	3,818,089	908,341	2.15	2.85	56
1931-1935	483,006	18,375	38.04	410,509	2,745,989	202,869	2.28	2.14	45
1936-1940	471,362	23,068	48.94	403,715	2,992,350	419,760	2.49	1.82	57
1941-1945	772,393	71,713	92.85	453,217	4,167,194	1,342,958	3.68	1.87	158
1924	950,459	36,368	38.26	579,384	3,670,746	1,085,072	2.41	2.99	63
1925	901,983	36,167	40.10	581,792	3,773,114	1,064,086	2.37	2.94	62
1926	874,889	35,673	40.79	584,972	3,862,610	1,049,210	2.33	2.94	61
1927	840,030	33,798	40.23	578,366	3,850,116	980,528	2.23	2.90	58
1928	798,476	31,718	39.72	570,038	3,815,387	903,271	2.13	2.85	56
1929	786,432	31,165	39.63	568,095	3,870,903	876,929	2.18	2.81	55
1930	707,987	26,876	37.96	545,091	3,691,480	780,766	1.85	2.72	49
1931	599,227	21,933	36.50	485,535	3,274,612	551,736	1.61	2.52	45
1932	480,718	16,997	35.36	419,088	2,743,437	377,511	1.23	2.22	41
1933	434,848	16,368	37.64	380,435	2,496,969	329,816	1.27	2.02	43
1934	452,176	18,000	39.06	381,611	2,574,329	346,870	1.33	1.92	47
1935	448,059	18,509	41.31	385,574	2,640,297	358,423	1.35	1.94	48
1936	492,493	22,460	46.60	409,072	2,930,332	413,189	1.46	1.84	55
1937	499,688	24,696	49.42	420,819	3,091,132	443,532	1.80	1.80	58
1938	454,508	21,657	47.65	398,145	2,933,233	406,406	1.46	1.88	54
1939	454,032	22,713	50.02	395,127	2,966,336	417,716	1.82	1.84	57
1940	456,068	23,816	52.22	395,410	3,020,719	417,953	1.53	1.75	60
1941	488,668	29,406	60.18	404,435	3,232,194	515,851	1.76	1.75	73
1942	672,420	53,747	79.93	431,001	3,760,056	1,030,486	2.95	1.92	126
1943	867,674	87,926	90.06	466,749	4,415,351	1,655,614	4.21	1.89	186
1944	915,817	95,663	104.46	479,457	4,669,543	1,793,322	4.43	1.87	200
1945	897,384	91,826	102.33	484,444	4,758,828	1,719,216	4.23	1.87	190
1946	794,824	64,764	81.47	451,135	4,324,969	1,261,416	3.39	1.96	144
<b>Class I roads:</b>									
1921-1925	962,153	36,556	37.99	559,568	3,572,292	1,100,602	2.47	3.01	65
1926-1930	793,335	31,724	39.99	560,633	3,800,659	908,748	2.15	2.85	56
1931-1935	480,764	18,343	38.15	405,992	2,738,583	391,826	1.38	2.14	45
1936-1940	463,681	23,024	49.18	399,466	2,982,243	418,738	1.49	1.82	58
1941-1946	767,215	71,619	93.35	449,660	4,157,958	1,340,474	3.58	1.87	189
1942	667,287	53,659	90.40	427,588	3,750,981	1,028,186	2.96	1.92	126
1943	881,945	87,820	90.60	463,391	4,405,881	1,652,868	4.21	1.88	190
1944	910,295	95,549	105.00	476,093	4,659,983	1,790,305	4.43	1.87	201
1945	891,126	91,717	102.90	481,386	4,749,615	1,716,379	4.23	1.87	191
1946	790,130	64,673	81.90	446,247	4,316,964	1,259,169	3.39	1.96	144
<b>Eastern district:</b>									
1942	467,269	23,341	50.00	175,789	1,469,178	467,757	3.16	2.00	133
1943	596,135	34,276	57.50	186,840	1,648,984	664,953	4.14	1.94	159
1944	612,310	37,522	61.30	192,163	1,749,978	723,800	4.34	1.93	196
1945	606,960	36,366	59.90	191,168	1,728,744	704,242	4.22	1.94	190
1946	562,698	29,756	51.10	180,544	1,643,143	578,938	3.63	2.01	139
<b>Southern district:</b>									
1942	91,426	10,332	113.00	76,728	686,178	200,614	3.06	1.94	135
1943	130,663	16,956	129.80	84,355	806,711	336,765	4.62	1.99	189
1944	181,087	17,652	134.00	96,490	858,124	352,290	4.66	2.00	204
1945	125,133	15,790	126.20	83,612	824,982	314,384	4.35	1.99	189
1946	101,568	10,067	99.10	73,261	714,587	203,990	3.84	2.03	137
<b>Western district:</b>									
1942	106,590	19,986	184.10	176,071	1,595,575	359,615	2.67	1.80	114
1943	155,167	26,588	235.80	192,196	1,948,186	651,130	4.15	1.78	190
1944	166,298	40,375	242.60	197,450	2,051,681	714,215	4.49	1.77	204
1945	159,035	39,561	248.80	206,705	2,195,889	697,753	4.18	1.76	191
1946	125,864	25,851	206.40	194,442	1,959,254	476,241	3.16	1.84	133

<sup>1</sup> 1936 and prior years not strictly comparable with subsequent years due to change in train classifications.

<sup>2</sup> Data available for class I roads only.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States

## No. 581.—STEAM RAILWAYS—REVENUES, EXPENSES, AND INCOME: 1891 TO 1946

[For years ending June 30 prior to 1916, calendar years thereafter. Method of calculating net revenue and net operating income is more fully shown in table 582. Excludes switching and terminal companies beginning with 1908; operating revenues of switching and terminal companies: 1942, \$143,429,000; 1943, \$149,846,000; 1944, \$150,931,000; 1945, \$148,563,000; 1946, \$143,039,000; operating expenses: 1942, \$93,922,000; 1943, \$107,530,000; 1944, \$116,310,000; 1945, \$128,543,000; 1946, \$130,500,000]

CLASS AND YEAR OR YEARLY AVERAGE	Average miles of line (first track) operated	INCOME ACCOUNT ITEMS (THOUSANDS OF DOLLARS)					PER MILE OF LINE		Percent operating expenses of revenues
		Operating revenues	Operating expenses	Net revenue from operations	Tax accruals	Net railway operating income	Operating revenues	Net revenue from operations	
<b>All roads:</b>									
1891-1905	199,378	1,127,631	750,688	367,942	34,915	333,027	\$6,657	\$2,172	67.87
1896-1900	186,001	1,264,048	832,377	431,671	41,970	389,701	6,796	2,321	65.85
1901-1906	206,450	1,854,682	1,226,737	627,945	53,106	574,840	9,001	3,048	66.14
1906-1910	229,404	2,528,171	1,705,542	822,630	80,931	737,407	11,021	3,586	67.46
1911-1915	246,952	3,007,262	2,123,262	883,960	123,345	729,172	12,178	3,580	70.61
1916-1920	258,296	4,870,468	3,971,453	899,015	227,680	624,304	16,856	3,481	81.54
1921-1925	257,932	6,003,699	4,684,135	1,319,563	328,822	993,332	23,276	5,116	78.02
1926-1930	259,646	6,139,269	4,502,029	1,637,240	386,732	1,125,224	23,645	6,306	73.33
1931-1935	267,098	3,473,819	2,622,222	851,597	265,137	490,435	13,512	3,812	75.49
1936-1940	249,100	4,071,163	2,998,447	1,072,716	353,335	587,364	16,343	4,306	73.65
1941-1945	241,723	8,122,360	5,507,771	2,614,589	1,265,554	1,170,306	33,502	10,818	67.81
1946	256,104	6,045,252	4,606,807	1,436,445	347,437	984,463	23,422	5,565	76.24
1925	256,646	6,246,883	4,633,497	1,613,386	365,790	1,136,728	24,162	6,238	74.17
1926	258,296	6,506,679	4,766,235	1,742,444	396,538	1,229,020	25,199	6,746	73.23
1927	258,877	6,245,716	4,662,621	1,583,195	383,112	1,077,842	24,126	6,116	74.66
1928	260,026	6,212,464	4,506,506	1,703,858	395,631	1,182,467	23,802	6,563	72.57
1929	260,556	6,373,004	4,579,162	1,793,842	402,698	1,262,636	24,459	6,886	71.86
1930	260,475	6,356,484	3,983,621	1,362,863	353,881	874,154	20,564	5,232	74.56
1931	259,886	4,246,385	3,273,908	972,479	308,492	528,204	16,339	3,742	77.10
1932	259,066	3,168,537	2,441,814	726,723	279,263	325,332	12,231	2,805	77.06
1933	257,802	3,138,186	2,285,218	852,968	253,522	477,326	12,173	3,309	72.82
1934	256,327	3,316,861	2,479,997	836,864	243,646	465,896	12,991	3,278	74.77
1935	253,406	3,499,126	2,630,177	868,949	240,760	505,415	13,808	3,429	75.17
1936	252,091	4,108,658	2,973,366	1,135,292	324,856	675,600	16,296	4,504	72.37
1937	250,780	4,226,325	3,165,154	1,061,171	331,013	567,841	16,855	4,232	74.89
1938	249,110	3,816,072	2,702,681	853,391	346,236	376,865	14,616	3,428	76.40
1939	247,560	4,050,047	2,959,438	1,090,609	361,817	595,961	16,364	4,407	73.07
1940	246,050	4,354,712	3,131,598	1,223,114	402,963	690,554	17,006	4,971	71.91
1941	244,890	5,413,972	3,709,921	1,704,051	565,970	1,009,592	22,106	6,958	68.52
1942	242,978	7,547,826	4,663,706	2,884,121	1,211,775	1,499,364	31,064	11,911	61.66
1943	240,793	9,138,419	5,714,804	3,423,615	1,682,940	1,370,566	37,951	14,218	62.54
1944	240,123	9,524,629	6,345,035	3,179,594	1,881,652	1,113,153	39,666	13,242	66.62
1945	239,832	8,996,954	7,115,390	1,871,564	633,434	866,964	37,472	7,804	79.17
1946	239,077	7,709,171	6,422,494	1,286,677	506,490	624,808	32,246	5,382	83.31
<b>Class I roads:</b>									
1926-1930	239,703	6,038,339	4,421,699	1,616,640	379,941	1,114,903	25,191	6,744	73.23
1931-1935	240,242	3,426,801	2,562,163	844,638	260,971	457,739	14,264	3,516	75.35
1936-1940	234,578	4,015,180	2,956,063	1,059,117	347,655	580,277	17,117	4,615	73.62
1941-1945	229,869	8,041,257	5,451,268	2,589,964	1,252,968	1,190,203	34,982	11,267	67.79
1942	230,925	7,465,823	4,601,083	2,864,740	1,198,834	1,484,519	32,330	12,405	61.63
1943	229,263	9,054,724	5,657,461	3,397,263	1,849,196	1,359,768	39,495	14,818	62.46
1944	228,626	9,436,790	6,282,063	3,154,727	1,646,043	1,106,327	41,276	13,799	66.57
1945	228,365	8,902,248	7,051,627	1,850,621	823,612	852,147	38,963	8,104	79.21
1946	227,764	7,627,651	6,357,415	1,270,236	498,144	620,120	33,489	5,577	83.35
<b>Eastern district:</b>									
1942	56,849	3,062,743	2,004,286	1,058,457	436,063	536,733	53,875	18,619	66.44
1943	56,281	3,548,758	2,386,194	1,162,561	506,682	484,099	63,054	20,656	67.24
1944	56,081	3,639,466	2,632,911	1,006,555	534,577	384,885	64,896	17,948	72.34
1945	56,009	3,355,902	2,636,908	518,994	152,617	288,739	59,917	9,266	84.53
1946	56,024	3,029,150	2,658,284	370,866	151,704	147,010	54,069	6,620	87.76
<b>Southern district:</b>									
1942	43,749	1,428,975	819,631	609,344	304,151	292,565	32,663	13,928	57.36
1943	43,430	1,717,142	963,591	733,551	447,063	273,012	36,538	16,890	57.26
1944	43,370	1,776,623	1,101,066	675,537	431,049	233,683	40,964	15,576	61.96
1945	43,351	1,639,384	1,278,643	360,741	188,577	171,031	37,617	8,321	78.00
1946	43,278	1,435,563	1,149,020	286,533	133,936	155,060	33,171	6,621	80.04
<b>Western district:</b>									
1942	130,327	2,974,105	1,777,166	1,196,939	456,000	655,221	22,820	9,164	59.75
1943	129,552	3,768,827	2,287,676	1,501,151	606,430	602,657	29,244	11,887	60.38
1944	129,175	4,020,701	2,548,066	1,472,635	880,417	487,769	31,126	11,400	63.37
1945	129,006	3,906,962	2,936,076	970,886	482,318	392,377	30,265	7,826	75.15
1946	128,462	3,162,948	2,550,111	612,837	212,504	318,060	24,622	4,771	80.62

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 582.—STEAM RAILWAYS (CLASS I)—INCOME ACCOUNT OF OPERATING ROADS:  
1926 TO 1946

[In thousands of dollars. Excludes switching and terminal companies. Beginning 1936, rail line and water line transportation combined in the several accounts; water line transportation included in "All other" in prior years]

ITEM	1926-30 (average)	1931-35 (average)	1936-40 (average)	1941-45 (average)	1944	1945	1946
Revenues.....	6,038,339	3,426,801	4,015,180	8,041,257	9,436,799	8,902,248	7,627,651
Freight.....	4,600,341	2,719,977	3,266,554	6,141,351	6,908,606	6,533,767	5,786,556
Passenger.....	903,748	391,826	419,049	1,340,485	1,790,305	1,716,379	1,250,169
Mail.....	111,887	95,530	97,924	120,887	130,246	129,571	129,001
Express.....	139,570	57,948	55,433	113,958	143,853	143,969	92,763
All other transportation.....	136,665	81,230	83,902	118,078	130,162	127,369	122,833
All other.....	146,128	80,291	92,318	206,498	243,618	251,193	237,329
Expenses.....	4,421,699	2,582,163	2,956,063	5,451,293	6,262,063	7,051,627	6,367,415
Maintenance, way, etc.....	826,826	392,669	466,882	1,036,465	1,263,292	1,411,304	1,150,241
Maintenance, equipment.....	1,178,252	670,879	774,225	1,475,776	1,587,485	2,147,406	1,468,758
Traffic.....	123,608	96,544	104,492	127,962	136,744	144,133	164,749
Transportation.....	2,054,865	1,235,538	1,439,204	2,538,462	2,973,910	3,015,571	3,212,292
All other.....	238,148	186,533	171,260	272,628	320,632	333,213	361,375
Net revenue from railway operations.....	1,616,640	844,638	1,059,117	2,589,964	3,154,727	1,850,621	1,270,236
Deduct—							
Tax accruals.....	379,941	260,971	347,655	1,252,963	1,846,043	823,512	498,144
Uncollectible revenues.....	1,427	1,099	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Equipment rents.....	91,786	88,963	95,338	134,979	152,014	131,354	113,333
Joint facility rents.....	28,583	35,866	35,847	41,819	50,343	43,608	38,639
Net railway operating income.....	1,114,903	457,739	580,277	1,160,203	1,106,327	852,147	620,120
Net income or deficit after charges.....	737,898	<sup>2</sup> 3,931	84,250	678,516	667,188	450,434	287,129

ITEM	EASTERN DISTRICT			SOUTHERN DISTRICT			WESTERN DISTRICT		
	1944	1945	1946	1944	1945	1946	1944	1945	1946
Revenues.....	3,639,466	3,355,902	3,029,150	1,776,623	1,639,384	1,435,553	4,020,701	3,906,962	3,162,948
Freight.....	2,666,022	2,404,531	2,228,798	1,325,844	1,229,032	1,147,734	3,006,740	2,900,204	2,410,024
Passenger.....	723,800	704,242	578,938	352,290	314,384	203,990	714,215	697,753	476,241
Mail.....	43,701	44,333	45,655	23,588	22,347	22,262	62,957	62,891	61,084
Express.....	45,203	39,228	9,382	21,360	20,638	14,784	77,290	84,103	68,597
All other transportation.....	54,540	53,199	55,675	17,613	17,272	14,909	58,009	56,898	52,249
All other.....	106,200	110,369	110,702	35,928	35,711	31,874	101,490	105,113	94,753
Expenses.....	2,632,911	2,836,908	2,658,284	1,101,086	1,278,643	1,149,020	2,548,066	2,936,076	2,550,111
Maintenance, way, etc.....	483,462	501,045	426,541	215,207	256,712	231,297	564,623	653,547	492,403
Maintenance, equipment.....	659,552	839,516	629,054	299,813	428,629	269,436	628,120	879,261	570,268
Traffic.....	49,839	51,471	60,074	24,797	26,999	30,962	62,108	65,663	73,713
Transportation.....	1,315,709	1,313,948	1,401,384	503,124	506,556	554,426	1,155,077	1,195,067	1,256,482
All other.....	124,349	130,928	141,231	58,145	59,747	62,899	138,138	142,538	157,245
Net revenue from railway operations.....	1,006,555	518,994	370,866	675,537	360,741	286,533	1,472,635	970,886	612,837
Deduct—									
Tax accruals.....	534,577	152,617	151,704	431,049	188,577	133,936	880,417	482,318	212,804
Equipment rents.....	64,146	55,953	52,371	5,714	3,803	7,148	82,154	79,204	68,110
Joint facility rents.....	22,947	21,685	19,781	5,091	4,936	4,695	22,305	16,967	14,163
Net railway operating income.....	384,885	288,739	147,010	233,683	171,031	155,050	487,759	392,377	318,680
Net income or deficit after charges.....	198,338	118,148	<sup>2</sup> 477	165,121	95,694	93,814	303,729	236,591	193,801

<sup>1</sup> Account eliminated      <sup>2</sup> Deficit.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

**No. 598.—STEAM RAILWAYS (CLASS I)—RAILWAY TAX ACCRUALS, BY STATES:  
1930 TO 1946**

[Excludes switching and terminal companies and includes nonoperating subsidiaries. Total railroad taxes, Federal and State in 1946, by classes, were as follows: Class I and subsidiaries, \$409,999,773 (including \$1,399,794 Canadian, \$882,249 Mexican \$25 Cuba, and \$44 Great Britain taxes); class II and subsidiaries, \$7,137,696; class III and subsidiaries, \$1,230,832; switching and terminal companies, \$25,744,448, grand total, \$534,102,748]

STATE	AMOUNT (THOUSANDS OF DOLLARS)						PER MILE OF LINE (DOLLARS)			
	1930	1935	1940	1944	1945	1946	1940	1944	1945	1946
<b>Total.....</b>	<b>349,307</b>	<b>335,372</b>	<b>337,391</b>	<b>1,844,648</b>	<b>822,868</b>	<b>497,838</b>	<b>1,809</b>	<b>8,567</b>	<b>2,624</b>	<b>2,339</b>
<b>U. S. Government taxes.....</b>	<b>40,986</b>	<b>26,796</b>	<b>183,546</b>	<b>1,564,118</b>	<b>551,004</b>	<b>243,531</b>	<b>536</b>	<b>7,204</b>	<b>2,508</b>	<b>1,126</b>
<b>New England:</b>										
Maine.....	1,908	1,232	1,161	1,784	1,705	1,631	636	977	1,001	903
New Hampshire.....	1,125	718	538	507	523	526	550	547	565	508
Vermont.....	407	413	268	266	286	265	361	401	402	403
Massachusetts.....	4,709	3,964	3,832	3,849	4,414	3,920	2,147	2,258	2,574	2,302
Rhode Island.....	687	604	685	768	708	776	3,667	4,387	4,884	4,474
Connecticut.....	1,672	711	946	1,637	1,416	1,223	1,071	1,868	1,628	1,404
<b>Middle Atlantic:</b>										
New York.....	37,378	23,685	24,156	29,782	29,878	30,136	3,378	4,044	4,070	4,114
New Jersey.....	20,442	17,820	19,709	37,592	30,901	13,376	10,393	20,284	16,767	7,259
Pennsylvania.....	12,440	9,342	10,764	15,799	9,378	7,391	1,008	1,658	986	780
<b>South Atlantic:</b>										
Delaware.....	166	151	150	159	154	156	609	520	522	527
Dist. of Columbia.....	144	138	234	260	253	254	6,410	7,854	7,429	7,478
Maryland.....	2,076	1,748	2,110	3,453	3,523	3,418	1,879	3,116	3,179	3,063
Virginia.....	7,318	5,192	5,500	7,465	7,811	7,563	1,258	1,910	1,959	1,949
West Virginia.....	8,109	8,229	8,096	8,406	7,870	8,355	2,288	2,437	2,273	2,412
North Carolina.....	5,392	3,696	4,110	5,703	4,907	3,745	1,131	1,574	1,362	1,040
South Carolina.....	3,489	2,396	1,937	3,014	2,548	1,611	629	903	845	634
Georgia.....	3,066	2,424	2,519	3,432	3,146	3,891	472	661	693	749
Florida.....	4,964	3,039	2,122	2,646	3,046	2,435	445	582	731	748
<b>East North Central:</b>										
Ohio.....	19,928	10,452	11,063	12,433	12,722	12,843	1,320	1,496	1,524	1,648
Indiana.....	13,852	6,820	6,278	7,475	7,488	8,903	946	1,139	1,141	1,357
Illinois.....	22,084	13,610	12,900	19,717	19,040	17,163	1,103	1,697	1,640	1,479
Michigan.....	10,816	5,346	5,035	5,448	5,538	5,054	742	836	853	785
Wisconsin.....	7,201	4,921	4,455	4,520	4,681	4,879	683	710	728	776
<b>West North Central:</b>										
Minnesota.....	6,778	4,291	6,529	10,814	9,871	9,687	815	1,325	1,210	1,187
Iowa.....	5,026	3,304	2,986	3,407	3,386	3,952	334	384	366	451
Missouri.....	4,284	3,336	2,767	3,448	2,900	3,266	399	503	424	490
North Dakota.....	4,110	2,114	2,569	2,775	2,954	2,984	499	535	548	574
South Dakota.....	2,696	2,191	1,063	1,063	1,115	1,230	267	269	282	317
Nebraska.....	4,622	3,080	2,978	3,142	3,669	3,901	493	539	624	670
Kansas.....	5,871	6,233	5,327	5,424	6,323	6,546	623	643	750	777
<b>East South Central:</b>										
Kentucky.....	5,373	3,552	5,048	5,887	5,390	9,466	1,411	1,716	1,553	2,723
Tennessee.....	3,629	2,558	2,841	4,240	5,784	5,827	644	1,288	1,767	1,782
Alabama.....	3,681	2,378	2,736	3,332	3,502	3,344	611	756	819	762
Mississippi.....	5,047	2,937	3,079	4,315	3,962	3,327	840	1,209	1,110	934
<b>West South Central:</b>										
Louisiana.....	5,068	4,067	3,854	4,392	4,316	4,123	1,001	1,165	1,169	1,120
Texas.....	7,614	5,487	5,250	5,037	5,562	5,274	359	353	399	369
Oklahoma.....	6,468	3,667	3,723	4,420	4,277	4,021	603	750	720	682
Arkansas.....	3,025	2,290	2,038	2,969	2,890	2,874	497	742	722	727
<b>Mountain:</b>										
Montana.....	5,179	4,460	4,068	3,806	4,058	4,437	899	758	515	901
Wyoming.....	1,970	1,671	1,715	1,745	1,970	2,037	925	984	1,116	1,149
Colorado.....	4,271	3,363	3,021	4,197	4,026	4,143	748	1,052	1,009	1,039
New Mexico.....	2,783	1,883	1,758	1,877	2,019	1,839	651	765	824	768
Arizona.....	3,100	3,035	2,597	1,986	3,154	2,140	1,276	979	1,554	1,055
Utah.....	2,404	2,243	2,309	2,576	2,956	2,848	1,135	1,396	1,605	1,561
Nevada.....	1,970	1,756	1,813	1,699	1,619	1,951	1,073	1,146	1,229	1,318
Idaho.....	3,244	2,516	2,524	2,497	2,949	3,291	942	937	1,111	1,240
<b>Pacific:</b>										
Washington.....	7,430	3,862	3,346	4,262	4,734	5,076	694	637	962	1,020
Oregon.....	3,064	2,413	2,297	2,214	2,673	3,219	767	746	901	1,085
California.....	13,210	6,229	7,047	12,916	13,496	12,596	1,018	1,924	2,025	1,863

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 584.—STEAM RAILWAYS—REVENUE FREIGHT ORIGINATED, BY COMMODITY GROUPS, ALL ROADS, 1906 TO 1915, CLASS I ROADS, 1916 TO 1946

[In thousands of tons of 2,000 pounds. For years ending June 30 prior to 1916, calendar years thereafter. Excludes switching and terminal roads beginning with 1908. Figures for 1911 to 1915, inclusive, exclude class III roads but this affects comparability very slightly; those after 1916 exclude both class II and class III, thereby reducing grand total about 6 percent. Excludes nonrevenue freight; this is a large item in the case of a few commodities, notably coal]

CLASS OF ROAD AND YEAR OR YEARLY AVERAGE	Total	Prod- ucts of agri- culture	Ani- mals and prod- ucts	PRODUCTS OF MINES		Prod- ucts of forests	Manu- factures and miscel- laneous	All less than car- load
				Coal and coke	Other			
All roads:								
1906-1910.....	<sup>1</sup> 930, 255	73, 864	20, 000	324, 282	147, 864	98, 879	162, 225	33, 991
1911-1915 <sup>2</sup> .....	<sup>1</sup> 1, 053, 648	99, 095	25, 731	392, 808	192, 058	101, 143	181, 191	41, 314
Class I:								
1916-1920.....	<sup>1</sup> 1, 216, 452	112, 038	32, 039	460, 120	229, 816	97, 351	231, 901	52, 914
1921-1925.....	1, 135, 499	112, 215	26, 564	407, 764	207, 020	99, 316	240, 481	42, 139
1926-1930.....	1, 279, 197	113, 844	25, 183	447, 293	262, 328	93, 033	301, 396	36, 119
1931-1935.....	758, 855	83, 150	18, 565	312, 273	115, 869	36, 066	176, 763	16, 149
1936-1940.....	931, 474	90, 377	15, 341	345, 521	171, 925	52, 833	239, 989	15, 488
1941-1945.....	1, 409, 293	134, 344	21, 905	477, 837	280, 810	79, 100	386, 301	19, 107
1939.....	901, 669	91, 564	15, 049	330, 947	165, 992	50, 156	233, 086	14, 875
1940.....	1, 009, 421	88, 821	15, 458	372, 663	197, 557	58, 221	262, 010	14, 603
1941.....	1, 227, 650	100, 173	16, 810	419, 516	264, 917	71, 540	336, 603	18, 091
1942.....	1, 421, 187	117, 318	20, 619	471, 072	333, 505	84, 570	376, 527	17, 575
1943.....	1, 481, 225	148, 971	22, 936	489, 264	307, 899	80, 899	412, 345	18, 911
1944.....	1, 491, 491	145, 685	25, 413	524, 224	261, 041	83, 731	431, 272	20, 126
1945.....	1, 424, 913	159, 571	23, 748	485, 109	247, 832	75, 604	412, 216	20, 833
1946.....	1, 366, 617	149, 941	21, 587	467, 645	250, 161	84, 817	368, 079	24, 387
Eastern district:								
1943.....	592, 145	27, 550	5, 721	247, 030	71, 422	5, 537	224, 850	10, 034
1944.....	607, 633	28, 178	6, 502	268, 967	58, 089	6, 238	229, 103	10, 556
1945.....	571, 235	30, 482	5, 896	246, 601	56, 003	6, 029	215, 591	10, 633
1946.....	553, 220	28, 537	5, 216	245, 136	60, 050	6, 811	194, 930	12, 540
Southern district:								
1943.....	358, 953	16, 896	2, 285	191, 510	55, 132	29, 303	60, 016	3, 811
1944.....	355, 928	17, 491	2, 595	200, 104	40, 424	29, 030	62, 337	3, 947
1945.....	340, 419	18, 731	2, 317	186, 771	38, 826	28, 134	61, 540	4, 100
1946.....	340, 656	18, 046	1, 978	176, 389	49, 377	32, 577	57, 599	4, 690
Western district:								
1943.....	530, 127	104, 525	14, 930	50, 724	181, 345	46, 060	127, 478	5, 066
1944.....	527, 930	100, 016	16, 316	55, 153	162, 528	48, 463	139, 832	5, 622
1945.....	513, 259	110, 358	15, 535	51, 737	153, 003	41, 441	135, 085	6, 100
1946.....	472, 741	103, 358	14, 393	46, 120	140, 734	45, 429	115, 550	7, 157

<sup>1</sup> Includes some undistributed freight. <sup>2</sup> Excluding class III.  
Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.



**No. 585.—STEAM RAILWAYS (CLASS I)—NUMBER OF CARS OF REVENUE FREIGHT LOADED, BY PRINCIPAL COMMODITIES: 1927 TO 1947**

[Annual totals in thousands]

YEAR	Total	Grain and grain products	Livestock	Coal	Coke	Forest products	Ore	Miscellaneous	Mdse., less than carload
1927.....	51,636	2,379	1,547	9,233	548	3,423	1,892	19,369	13,245
1928.....	51,590	2,513	1,521	8,768	534	3,327	1,910	19,851	13,166
1929.....	52,828	2,396	1,419	9,095	634	3,248	2,282	20,547	13,206
1930.....	45,878	2,265	1,285	7,927	488	2,869	1,662	17,681	12,201
1931.....	37,151	2,024	1,162	6,493	325	1,471	875	13,852	10,949
1932.....	28,180	1,653	949	5,339	224	899	210	9,835	9,070
1933.....	29,220	1,660	887	5,695	298	1,101	743	10,390	8,446
1934.....	30,846	1,646	1,074	6,135	333	1,149	793	11,474	8,241
1935.....	31,504	1,577	714	6,145	340	1,384	1,036	12,227	8,081
1936.....	36,109	1,805	759	6,937	480	1,663	1,623	14,546	8,276
1937.....	37,670	1,789	722	6,977	508	1,828	2,208	15,174	8,466
1938.....	30,457	1,967	708	5,541	275	1,418	846	12,026	7,682
1939.....	33,911	1,940	694	6,063	414	1,584	1,615	13,751	7,831
1940.....	36,358	1,835	685	6,820	549	1,806	2,148	14,842	7,679
1941.....	42,352	2,028	651	7,606	679	2,190	2,683	18,476	8,040
1942.....	42,771	2,185	745	8,356	732	2,445	3,016	19,755	5,537
1943.....	42,440	2,648	838	8,507	752	2,229	2,816	19,571	5,060
1944.....	43,408	2,521	892	8,890	751	2,271	2,649	20,007	5,428
1945.....	41,918	2,734	894	8,296	695	2,039	2,474	19,258	5,529
1946.....	41,341	2,497	925	8,004	587	2,263	1,996	18,744	6,325
1947 (prel.).....	44,503	2,727	770	9,088	732	2,415	2,651	20,048	6,073

Source: Association of American Railroads, Car Service Division, Washington, D. C.; Annual summary, Cars of Revenue Freight Loaded. Weekly reports are published currently.

**No. 586.—STEAM-RAILWAY ACCIDENTS—NUMBER OF PERSONS KILLED AND INJURED, BY STATUS: 1891 TO 1946**

[For various reasons, including fact that returns were required under different acts, statistics are not strictly comparable. Prior to 1921, train accidents were those causing damage to railway property in excess of \$150 or any damage and a resulting casualty. Thereafter they were considered as such when damage exceeded \$150 with or without a casualty. Where damage is less than \$150 and there is a reportable casualty it is classified as a train-service accident. Figures for years 1911-15 include industrial and other nontrain accidents to employees only, and for years 1908-10 exclude switching and terminal roads. Otherwise, data cover all reportable accidents, including those due to suicide, mental derangement, and attempting to escape custody]

YEARLY AVERAGE OR YEAR ENDING—	TOTAL		PASSENGER <sup>1</sup>		EMPLOYEES <sup>2</sup>		OTHER PERSONS		TRESPASSERS	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
June 30:										
1891-1895.....	6,821	35,313	292	2,967	2,315	27,051	595	1,283	3,618	4,011
1896-1900.....	6,946	42,248	222	3,237	2,054	32,793	634	1,547	4,036	4,672
1901-1905.....	9,326	72,943	392	7,894	3,249	57,209	891	2,793	4,795	5,047
1906-1910.....	10,210	105,617	385	11,625	3,572	83,502	994	4,830	5,258	5,660
1911-1915.....	10,174	174,941	273	13,382	3,273	148,640	1,262	6,836	5,366	6,063
Dec. 31:										
1916-1920.....	8,662	176,693	304	7,419	2,855	157,523	2,074	8,460	3,429	3,291
1921-1925.....	6,618	141,688	173	5,578	1,654	123,790	2,225	9,420	2,566	2,901
1926-1930.....	6,623	89,543	101	3,667	1,395	73,522	2,606	9,822	2,521	2,532
1931-1935.....	5,127	29,834	38	1,995	589	18,222	1,811	6,529	2,668	3,067
1936.....	5,550	34,723	41	2,548	720	22,409	1,988	7,348	2,801	2,418
1937.....	5,502	36,713	34	2,594	712	24,114	2,102	7,703	2,654	2,302
1938.....	4,649	27,275	81	2,345	513	16,569	1,695	6,253	2,300	2,108
1939.....	4,492	28,144	40	2,580	536	17,383	1,564	6,225	2,352	1,956
1940.....	4,740	29,606	83	2,597	583	18,350	1,979	6,886	2,095	1,773
1941.....	5,191	37,829	48	3,009	807	25,866	2,141	7,378	2,195	1,576
1942.....	5,337	48,123	122	3,501	1,605	36,032	2,197	7,237	2,013	1,353
1943.....	5,051	60,348	278	5,166	1,072	46,971	1,946	7,076	1,755	1,135
1944.....	4,908	61,251	267	4,854	1,067	48,613	1,958	6,632	1,596	1,152
1945.....	4,812	61,515	156	4,840	972	48,632	2,052	6,870	1,632	1,173
1946.....	4,508	52,026	128	4,714	738	39,472	1,971	6,670	1,671	1,170

<sup>1</sup> Data cover passengers on trains and travelers not on trains. Casualties sustained in nontrain accidents included with "other persons."

<sup>2</sup> Prior to 1921 casualties sustained by employees not on duty in nontrain accidents included with "other persons."

Source: Interstate Commerce Commission, annual report, Accident Bulletin—Steam Railways.

## No. 587.—EXPRESS COMPANIES—INCOME ACCOUNT: 1921 TO 1946

[In thousands of dollars. Mileage operated by Railway Express Agency, Inc., 1946: Total, 294,846; steam road, 196,417; electric line, 1,851; steamboat line, 13,094; motor carrier, 16,714; airplane, 66,660]

CALENDAR YEAR	Receipts for transportation	Paid for express privileges	Total operating revenues <sup>1</sup>	Operating expenses	Net operating revenues	Express taxes	Operating income <sup>2</sup>	Other income	Net income <sup>3</sup>
<b>American Railway Express Co.:</b>									
1921.....	294,664	113,491	184,897	182,266	2,631	2,095	508	2,074	2,809
1925.....	290,303	143,832	149,715	146,423	3,292	2,059	1,195	1,068	2,184
1929 <sup>4</sup> .....	41,104	18,554	23,083	22,598	523	327	198	193	281
<b>Railway Express Agency, Inc.:</b>									
1929 <sup>5</sup> .....	242,216	127,591	117,628	116,535	2,093	1,343	734	637	20
1934.....	130,953	50,530	82,907	79,756	3,151	1,516	1,612	156	4
1935.....	138,751	53,170	88,068	84,699	3,169	1,548	1,603	146	4
1936.....	155,446	59,328	96,634	92,666	5,956	4,534	1,418	191	5
1937.....	160,788	58,009	105,396	100,441	4,955	3,395	1,528	167	22
1938.....	155,590	50,478	107,640	98,827	8,813	6,401	2,394	173	731
1939.....	167,179	57,803	111,976	104,156	7,819	6,937	831	192	2
1940.....	176,521	59,063	119,957	111,478	8,479	7,539	907	178	4
1941.....	195,096	63,117	135,262	125,638	9,624	8,489	1,106	225	188
1942.....	200,250	107,708	155,306	144,448	10,858	9,785	1,055	320	191
1943.....	350,715	146,042	207,545	193,690	13,955	13,074	861	433	66
1944.....	400,865	150,086	254,734	238,017	16,717	15,518	1,172	349	219
1945.....	437,139	157,075	284,428	266,960	17,468	16,724	712	273	238
1946.....	427,341	106,814	326,230	305,483	20,747	19,841	876	411	1,344
<b>Southeastern Express Co.:</b>									
1921 <sup>6</sup> .....	4,374	1,649	2,781	2,719	61	25	27	10	47
1925.....	5,041	3,912	4,241	4,086	155	86	67	20	67
1929.....	5,007	3,900	4,244	4,098	146	110	35	38	73
1933.....	4,926	1,537	2,905	2,759	136	94	38	15	53
1935.....	5,020	2,234	3,406	3,250	156	96	57	3	60
1936.....	5,270	2,484	3,903	3,705	198	140	57	—	57
1937.....	5,102	1,997	4,221	3,930	291	242	49	1	49
1938 <sup>7</sup> .....	3,122	746	2,436	2,270	166	168	0	1	7

<sup>1</sup> Includes revenues from sources other than transportation.

<sup>2</sup> Deducting, besides taxes, a small amount of uncollectible revenue.

<sup>3</sup> Sum of 2 preceding columns less deductions.

<sup>4</sup> Result of operations for 2 months ended Feb. 28, 1929, when taken over by Railway Express Agency, Inc.

<sup>5</sup> Result of operations for 10 months ended Dec. 31, 1929.

<sup>6</sup> Deficit.

<sup>7</sup> Result of operations for 8 months ended Dec. 31, 1931.

<sup>8</sup> Result of operations for 7 months ended July 31, 1938, when taken over by Railway Express Agency, Inc.

## No. 588.—PULLMAN COMPANY—SUMMARY OF OPERATIONS: 1910 TO 1946

[All money figures in thousands of dollars]

YEAR ENDING—	Total revenues, car operations	Association and contract revenues, debit <sup>1</sup>	EXPENSES, CAR OPERATIONS		Net revenues, car operation	Operating income	REVENUE PASSENGERS CARRIED	
			Total	Conducting car operations			Thousands	Number per car-day
June 30:								
1910.....	35,334	959	23,982	( <sup>2</sup> )	11,372	13,151	20,209	14
1915.....	38,723	2,421	26,633	11,716	12,090	10,816	24,252	12
Dec. 31:								
1920.....	72,124	13,155	61,031	30,805	11,093	9,304	39,255	16
1925.....	80,196	8,873	63,513	32,247	16,685	12,546	35,536	12
1930.....	76,234	5,534	68,900	35,379	7,274	4,937	29,360	9
1935.....	48,428	2,683	49,077	19,720	<sup>3</sup> 649	<sup>4</sup> 1,647	15,479	9
1937.....	52,112	3,834	54,566	22,061	7,547	4,219	17,745	8
1938.....	56,963	2,762	51,549	21,812	5,414	1,503	15,540	8
1939.....	58,524	3,946	52,895	21,943	5,629	2,176	15,655	8
1940.....	57,992	2,131	51,942	21,940	6,020	2,366	14,765	8
1941.....	64,648	3,133	56,561	25,149	5,987	1,855	16,911	9
1942.....	95,875	13,570	72,531	36,169	23,344	9,151	26,068	11
1943.....	120,529	26,888	92,766	50,107	27,763	5,553	32,632	13
1944.....	141,288	10,080	107,908	60,922	33,290	10,721	35,858	13
1945.....	142,578	13,647	117,885	60,361	24,693	9,045	31,484	12
1946.....	131,692	2,360	118,694	62,841	12,998	4,780	25,948	11

<sup>1</sup> Amounts due other carriers under provisions of definite contracts. <sup>2</sup> Not separated. <sup>3</sup> Deficit.

Source of tables 587 and 588: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

**No. 589.—THE ALASKA RAILROAD—SUMMARY OF PASSENGER AND FREIGHT SERVICES:  
YEARS ENDING JUNE 30, 1946 AND 1947**

ITEM	1946	1947	ITEM	1946	1947
Road mileage operated— monthly average.....	512.2	512.2	<b>FREIGHT TRAFFIC</b>		
<b>PASSENGER TRAFFIC</b>			Freight-train miles.....	256,468	402,882
Passenger-train miles <sup>1</sup> .....	111,607	146,952	Loaded cars, 1 mile, freight and mixed trains.....	3,544,000	5,342,000
Passenger-car miles, passenger trains <sup>1</sup> .....	466,219	556,633	Empty cars, 1 mile, freight and mixed trains.....	1,925,000	3,646,000
Total revenue passengers carried.....	69,238	69,007	All cars, 1 mile.....	5,469,000	8,992,000
Revenue passengers carried 1 mile.....	6,620,911	8,682,007	Tons of revenue freight car- ried.....		
Total passenger revenue.....	\$338,128	\$451,204	Coal.....	230,468	281,068
Average revenue per passenger per mile.....	\$0.05106	\$0.05197	Miscellaneous.....	189,198	360,743
			Tons of revenue freight car- ried 1 mile.....	56,668,200	111,868,044
			Total freight revenue.....	\$4,432,632	\$8,138,445
			Average revenue per ton per mile.....	\$0.07823	\$0.07275

<sup>1</sup> Including motor miles.

Source: Department of the Interior, Division of Territories and Island Possessions.

**No. 590.—ELECTRIC RAILWAYS—SUMMARY: 1890 TO 1937**

[The census of street railways, which was first taken in 1890, and which has been taken at quinquennial intervals through 1937 beginning with the inquiry for 1902, covers (1) all street railways, without regard to kind of motive power, and (2) all interurban railways using other than steam as motive power. The nonelectric railroads included are those operated principally by cable and gasoline engines. Operations of electrified divisions of steam-railway companies are not included. Figures in this table do not include data for motorbus and trolley-bus operations of electric street railways. (For motorbus and trolley-bus statistics from census reports, see source)]

ITEM	1890	1902	1912	1922	1927	1932	<sup>1</sup> 1937
Number of companies.....	789	987	1,260	<sup>2</sup> 1,200	<sup>2</sup> 963	<sup>2</sup> 708	<sup>2</sup> 478
Miles of line operated <sup>3</sup> .....	5,788	16,645	30,428	31,264	27,948	20,110	14,214
Miles of all track operated <sup>4</sup> .....	6,123	22,677	41,065	43,992	40,722	31,548	23,770
Value of road and equipment (thou- sand dollars).....	389,357	2,167,634	4,696,563	5,068,782	( <sup>5</sup> )	4,143,381	4,399,768
Number of employees <sup>6</sup> .....	70,764	140,769	282,461	300,119	264,575	<sup>6</sup> 162,166	152,476
Number of passenger cars.....	32,506	60,390	76,162	77,301	70,300	59,692	44,844
Revenue passengers, including pay- transfer (thousands).....	2,023,010	4,774,212	9,546,555	12,666,566	12,174,592	7,965,981	7,485,290
Operating revenues (thousand dol- lars) <sup>7</sup> .....	90,617	247,564	667,512	1,016,719	927,774	566,290	613,129
Operating expenses (thousand dol- lars) <sup>8</sup> .....	62,011	142,313	332,896	727,796	604,460	442,607	406,119
Operating ratio (percent).....	68.4	57.5	58.7	71.6	74.9	78.2	79.1

<sup>1</sup> Excludes data for 22 companies, operating on a part-year basis. These companies reported 36,810,221 passen-  
gers, 9,108,009 car-miles; 1,042,866 car-hours; \$2,898,206, operating revenue; and \$2,412,010, operating expense.

<sup>2</sup> Includes certain companies in Pennsylvania which maintained separate organizations, though controlled  
through stock ownership by other companies. For 1912 these companies were treated as merged and not included  
in the number reported.

<sup>3</sup> Includes small mileage of track lying outside United States.

<sup>4</sup> Data incomplete. Some of the companies engaged in both light-and-power and electric-railway operations  
were unable to report separately the values of plant and equipment assignable to their railway activities.

<sup>5</sup> Number reported as of June 30, for 1890, 1922, 1927, and 1932; for 1902, average for the year; for 1912, as of Sept.  
16. Figures for 1937 represent an average of numbers reported on June 30 and Dec. 31.

<sup>6</sup> Includes 334 trolley-bus operators.

<sup>7</sup> Includes 29,721,000 trolley-bus passengers.

<sup>8</sup> Includes auxiliary operating revenues of \$8,905,000 for 1927 and \$91,242,000 for 1922; auxiliary expenses, \$7,322,000  
for 1927, and \$49,232,000 for 1922. Data for operating revenues and operating expenses of auxiliary operations  
excluded so far as possible for earlier years.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Street  
Railways and Trolley-Bus and Motorbus Operations. Survey discontinued.

## No. 591.—TRANSIT INDUSTRY—SUMMARY: 1930 TO 1946

[Represents entire transit industry comprising all organized local passenger transportation agencies except taxicabs and suburban railroads. Based on financial and statistical reports received by American Transit Association from transit companies representing 85 to 95 percent of the industry]

ITEM	1930	1935	1940	1942	1943	1944	1945	1946
Miles of route operated (Dec. 31):								
Electric railway—miles of single track.....	35,400	26,700	19,600	18,200	18,210	18,112	17,732	16,742
Surface.....	34,320	25,470	18,360	16,950	16,950	16,860	16,480	15,490
Subway and elevated.....	1,080	1,230	1,240	1,250	1,260	1,252	1,252	1,252
Trolley coach—miles of negative overhead wire.....	146	548	1,925	2,330	2,305	2,302	2,370	2,411
Motorbus—miles of route round trip.....	60,900	58,100	78,000	85,500	87,000	87,700	90,400	91,150
Passenger vehicles owned (Dec. 31), total.....	79,363	71,744	75,464	86,893	88,107	89,246	90,186	90,328
Electric railway cars.....	64,790	50,466	37,662	37,508	37,505	37,285	36,755	33,962
Surface.....	55,150	40,050	26,630	27,230	27,250	27,180	26,680	24,730
Subway and elevated.....	9,640	10,416	11,032	10,278	10,255	10,105	10,075	9,232
Trolley coaches.....	173	578	2,802	3,385	3,501	3,561	3,711	3,916
Motorbuses.....	14,400	20,700	35,000	46,000	47,100	48,400	49,670	52,450
Investment (Dec. 31), total (millions).....	(1)	(1)	\$4,096	\$4,208	\$4,259	\$4,271	\$4,262	\$4,187
Electric railway.....	(1)	(1)	3,588	3,605	3,650	3,646	3,620	3,504
Surface.....	(1)	(1)	1,574	1,600	1,600	1,596	1,570	1,457
Subway and elevated.....	(1)	(1)	2,014	2,005	2,050	2,050	2,050	2,051
Trolley coach.....	(1)	(1)	58	70	72	73	76	80
Motorbus.....	(1)	(1)	450	533	537	552	566	599
Operating revenues, total (millions).....	\$963	\$681	\$737	\$1,040	\$1,294	\$1,362	\$1,380	\$1,397
Electric railway.....	803	520	456	557	686	710	709	701
Surface.....	649	388	327	413	537	562	558	540
Subway and elevated.....	154	132	129	144	149	147	151	161
Trolley coach.....	2	5	25	49	64	68	68	72
Motorbus.....	158	156	256	434	544	565	603	624
Vehicle miles operated, total (millions).....	2,707	2,327	2,596	3,048	3,262	3,284	3,254	3,304
Electric railway.....	1,995	1,544	1,316	1,320	1,440	1,439	1,396	1,353
Surface.....	1,540	1,097	845	850	978	978	940	894
Subway and elevated.....	455	447	471	470	462	461	458	459
Trolley coach.....	6	19	86	116	130	132	133	144
Motorbus.....	706	764	1,194	1,612	1,693	1,713	1,723	1,807
Passengers carried, total (millions).....	15,567	12,226	13,098	18,000	22,000	23,017	23,254	23,372
Electric railway.....	13,072	9,512	8,325	9,856	11,806	12,137	12,124	11,862
Surface.....	10,513	7,276	5,943	7,290	9,150	9,516	9,426	9,027
Subway and elevated.....	2,559	2,236	2,382	2,566	2,656	2,621	2,698	2,835
Trolley coach.....	16	96	534	899	1,175	1,234	1,244	1,311
Motorbus.....	2,479	2,618	4,239	7,245	9,019	9,646	9,886	10,199
Revenue passengers carried, total (millions).....	12,528	9,782	10,504	14,501	17,918	18,735	18,982	19,119
Electric railway.....	10,346	7,408	6,465	7,589	9,410	9,652	9,636	9,454
Surface.....	7,782	5,156	4,183	5,142	6,894	7,169	7,081	6,769
Subway and elevated.....	2,564	2,252	2,282	2,447	2,516	2,483	2,555	2,685
Trolley coach.....	13	77	419	718	938	987	1,001	1,050
Motorbus.....	2,169	2,297	3,620	6,194	7,570	8,096	8,345	8,615
Number of employees (average), total.....	276,444	209,200	202,400	219,000	239,000	242,000	242,000	261,000
Electric railway.....	247,244	164,400	122,500	114,700	132,100	132,300	129,200	125,300
Trolley coach.....	400	1,300	6,400	7,700	8,000	8,100	8,500	9,800
Motorbus.....	28,800	43,500	73,500	96,600	98,900	101,600	104,300	125,900
Pay roll, total (millions).....	\$479	\$321	\$360	\$462	\$554	\$599	\$632	\$713

<sup>1</sup> Not available.

Source: American Transit Association, New York, N. Y.; annual report, Transit Fact Book.

# **No. 592.—CLASS I INTERCITY MOTOR CARRIERS OF PROPERTY—SUMMARY OF FINANCIAL AND OPERATING STATISTICS: 1941 TO 1945**

[All money figures, except average revenue and expense per vehicle-mile, in thousands of dollars. Covers common and contract carriers with average annual operating revenues of \$100,000 or more engaged wholly or preponderantly in intercity service subject to general jurisdiction of I. C. C.]

ITEM	1941	1942	1943	1944	1945
Number of carriers reporting.....	1,076	1,083	1,165	1,237	1,445
Investment in carrier operating property.....	178,518	191,940	198,392	231,493	258,578
Less reserve for depreciation and amortization.....	83,503	93,643	110,098	126,071	134,905
Net investment in carrier operating property.....	95,015	98,297	88,294	105,422	123,673
<b>Income statement:</b>					
Operating revenue, total.....	560,167	587,870	645,873	710,910	745,394
Common carrier.....	494,288	534,778	587,487	643,144	675,678
Contract carrier.....	61,800	46,590	46,747	52,811	53,962
Other operating revenue.....	4,079	6,502	11,439	14,955	15,724
Expenses, total.....	533,232	556,472	625,796	695,830	745,009
Operation and maintenance expenses.....	461,256	470,475	493,894	552,315	586,140
Equipment maintenance and garage.....	59,051	67,539	99,173	120,102	130,557
Transportation.....	201,423	188,641	161,275	182,339	192,345
Terminal.....	101,707	110,243	118,461	124,932	133,801
Sales, tariff, and advertising.....	18,836	18,580	17,367	17,654	18,538
Insurance and safety.....	28,945	30,395	35,711	40,347	43,222
Administrative and general.....	51,295	55,078	61,887	66,941	69,677
Depreciation and amortization <sup>1</sup> .....	22,613	22,260	23,174	25,577	28,348
Operating taxes and licenses <sup>2</sup> .....	40,232	40,101	43,221	45,856	49,901
Operating rents, net.....	9,131	23,636	65,607	71,069	78,613
Operating ratio (percent expenses of operating revenue).....	95.2	94.7	96.9	97.9	98.1
Net operating revenue.....	26,934	31,398	19,877	15,090	1,392
Other income, less income deductions.....	1,638	1,576	1,027	80	499
Net income before income taxes.....	26,223	30,833	18,729	14,805	1,891
Net income after income taxes.....	17,537	17,258	9,438	7,778	8,287
Dividend appropriations and withdrawals <sup>3</sup> .....	6,881	7,379	9,463	10,300	10,473
<b>Number and compensation of employees:</b>					
All employees:					
Number.....	120,153	118,980	130,090	130,496	133,804
Compensation.....	210,797	234,779	290,760	319,042	335,403
Equipment maintenance and garage:					
Number.....	8,291	8,730	10,512	11,546	11,578
Compensation.....	13,970	16,838	24,509	30,018	31,765
Transportation:					
Drivers and helpers: <sup>4</sup>					
Number.....	44,083	40,300	44,719	47,199	48,198
Compensation.....	77,376	82,607	106,672	119,707	125,525
Others:					
Number.....	3,962	3,574	3,065	2,968	3,069
Compensation.....	7,997	8,162	9,685	9,523	10,319
Terminal:					
Number.....	46,023	<sup>5</sup> 48,492	<sup>5</sup> 52,522	<sup>5</sup> 50,353	<sup>5</sup> 51,496
Compensation.....	68,422	<sup>5</sup> 81,393	<sup>5</sup> 100,560	<sup>5</sup> 106,484	<sup>5</sup> 112,823
Sales, tariff, and advertising:					
Number.....	4,709	4,314	3,543	3,155	2,067
Compensation.....	10,836	10,974	9,967	9,628	9,808
Administrative and general:					
General officers:					
Number.....	2,195	2,179	2,328	2,562	2,723
Compensation.....	17,544	18,087	19,060	20,310	20,769
Others, including insurance and safety:					
Number.....	10,941	11,341	12,615	12,713	13,463
Compensation.....	14,762	16,748	21,207	23,372	24,294
<b>Operating statistics and averages:</b>					
Owned revenue vehicles, total.....	83,756	83,818	88,778	97,729	100,165
Trucks.....	19,922	18,547	19,278	19,980	19,610
Truck-tractors.....	27,063	27,592	29,542	33,124	33,534
Semitrailers.....	34,316	35,157	37,302	41,901	44,061
Full trailers.....	2,455	2,522	2,651	2,774	2,940
Intercity vehicle-miles (millions).....	<sup>6</sup> 2,121	2,040	2,006	2,132	2,165
Tons of intercity revenue freight carried <sup>7</sup> (thousands).....	<sup>8</sup> 78,531	82,722	95,918	105,134	108,017
Miles per owned vehicle <sup>9</sup> .....	<sup>9</sup> 49,514	45,976	45,079	44,531	43,385
Revenue per vehicle-mile (intercity) <sup>9</sup> .....	<sup>9</sup> \$0.245	\$0.282	\$0.316	\$0.326	\$0.337
Expense per vehicle-mile (intercity) <sup>9</sup> .....	\$0.240	\$0.273	\$0.312	\$0.326	\$0.344

<sup>1</sup> Amortization represents a very small part of this total.

<sup>2</sup> Does not include Federal or State income taxes.

<sup>3</sup> Withdrawals of sole proprietors and partners.

<sup>4</sup> Does not include drivers of equipment engaged by these carriers to perform "purchased transportation."

<sup>5</sup> Includes collection and delivery employees as follows: 1942, 19,010, compensation, \$24,862,000; 1943, 21,180, compensation, \$44,402,000; 1944, 21,111, compensation, \$48,778,000; 1945, 21,444, compensation, \$51,441,000

<sup>6</sup> Based on 1,019 carriers.

<sup>7</sup> Includes duplications on account of tonnage received from connecting motor carriers.

<sup>8</sup> Basic figures include expenses of operating vehicles in intercity and local services; these expenses are not separable. Comparisons of revenue and expense per intercity vehicle-mile are therefore subject to qualification.

Source: Interstate Commerce Commission; annual report, Statistics of Class I Motor Carriers.

No. 593.—CLASS I INTERCITY MOTOR CARRIERS OF PROPERTY—SELECTED OPERATING STATISTICS, BY REGIONS: 1941 TO 1945

[See headnote, table 592. Regions: 1, Conn., Maine, Mass., N. H., R. I., Vt.; 2, Del., D. C., Md., N. J., N. Y., Pa., W. Va.; 3, Ill., Ind., Mich. (Lower Pen.), Ohio; 4, Ala., Fla., Ga., Ky., Miss., N. C., S. C., Tenn., Va.; 5, Mich. (Upper Pen.), Minn., N. Dak., S. Dak., Wis.; 6, Iowa, Kans., Mo., Nebr.; 7, Ark., La., Okla., Tex.; 8, Colo., Idaho, Mont., N. Mex., Utah, Wyo.; 9, Ariz., Calif., Nev., Oreg., Wash.]

REGION AND YEAR	Number of carriers reporting	Operating revenue (thousands)	Total expenses (thousands)	OWNED REVENUE VEHICLES <sup>1</sup>	
				Trucks	Truck-tractors
Total:					
1941.....	1, 076	\$560, 167	\$533, 232	19, 922	27, 063
1942.....	1, 083	587, 870	556, 472	18, 547	27, 592
1943.....	1, 165	645, 673	625, 796	19, 278	29, 542
1944.....	1, 337	710, 910	695, 820	19, 930	33, 124
1945.....	1, 445	746, 394	745, 002	19, 610	33, 534
1. New England:					
1941.....	122	53, 152	49, 965	3, 061	2, 393
1942.....	114	52, 608	49, 046	2, 127	2, 395
1943.....	118	46, 982	45, 845	2, 109	2, 082
1944.....	132	50, 765	49, 841	2, 127	2, 489
1945.....	141	54, 594	54, 110	2, 047	2, 588
2. Middle Atlantic:					
1941.....	256	103, 386	99, 007	3, 548	5, 263
1942.....	265	114, 394	109, 284	3, 506	5, 442
1943.....	293	113, 206	109, 355	3, 332	5, 430
1944.....	332	145, 477	142, 424	3, 728	7, 804
1945.....	357	150, 177	149, 500	3, 611	7, 539
3. Central:					
1941.....	283	202, 721	193, 566	3, 727	8, 987
1942.....	272	189, 141	182, 360	3, 346	8, 997
1943.....	286	201, 150	196, 888	3, 472	9, 711
1944.....	324	218, 116	212, 869	3, 388	10, 525
1945.....	348	223, 515	222, 408	3, 387	10, 326
4. Southern:					
1941.....	103	63, 014	60, 207	2, 343	3, 850
1942.....	107	75, 029	70, 905	2, 434	4, 113
1943.....	120	92, 469	92, 050	2, 577	5, 089
1944.....	143	79, 465	78, 559	2, 238	4, 152
1945.....	152	83, 473	84, 285	1, 973	4, 086
5. Northwestern:					
1941.....	48	20, 871	20, 001	752	1, 204
1942.....	50	24, 062	22, 871	772	1, 354
1943.....	52	28, 023	26, 898	846	1, 492
1944.....	64	33, 025	32, 495	949	1, 775
1945.....	69	34, 893	34, 816	955	1, 834
6. Midwestern:					
1941.....	63	28, 545	27, 645	837	1, 542
1942.....	63	30, 203	29, 295	819	1, 464
1943.....	63	34, 723	34, 116	926	1, 562
1944.....	73	37, 476	37, 531	1, 002	1, 734
1945.....	77	37, 600	38, 043	1, 017	1, 782
7. Southwestern:					
1941.....	84	38, 271	35, 582	2, 156	2, 292
1942.....	81	39, 609	35, 450	2, 078	2, 255
1943.....	91	51, 417	47, 091	2, 291	2, 592
1944.....	109	58, 733	56, 482	2, 495	3, 149
1945.....	124	64, 988	64, 354	2, 387	3, 106
8. Rocky Mountain:					
1941.....	20	8, 769	8, 332	475	259
1942.....	23	11, 276	10, 425	430	299
1943.....	24	12, 285	11, 539	496	274
1944.....	29	14, 870	14, 655	534	336
1945.....	31	16, 890	16, 893	554	316
9. Pacific:					
1941.....	97	41, 438	38, 928	3, 023	1, 273
1942.....	108	51, 548	46, 836	3, 035	1, 273
1943.....	118	65, 409	62, 014	3, 229	1, 310
1944.....	131	72, 993	70, 964	3, 469	1, 660
1945.....	146	80, 264	80, 593	3, 679	1, 957

For footnotes, see p. 543.



**No. 598.—CLASS I INTERCITY MOTOR CARRIERS OF PROPERTY—SELECTED  
OPERATING STATISTICS, BY REGIONS: 1941 to 1945—Continued**

REGION AND YEAR	OWNED REVENUE VEHICLES <sup>1</sup> —con.		Vehicle- miles, total intercity service (thousands)	Freight revenue per intercity vehicle-mile	EMPLOYEES <sup>2</sup>	
	Semi- trailers	Full trailers			Average number	Compensation (thousands)
<b>Total:</b>						
1941.....	34,316	2,455	2,121,249	\$0.245	120,153	\$210,797
1942.....	35,157	2,522	2,040,098	.282	118,990	234,779
1943.....	37,302	2,651	2,006,439	.316	130,099	290,760
1944.....	41,901	2,774	2,132,121	.326	130,495	319,042
1945.....	44,081	2,940	2,164,808	.337	132,904	335,403
<b>1. New England:</b>						
1941.....	3,142	1	137,570	.352	12,938	24,903
1942.....	3,196	2	128,518	.399	11,462	25,358
1943.....	2,748	2	110,964	.410	9,457	24,257
1944.....	3,201	4	117,833	.417	9,385	25,577
1945.....	3,399	7	122,697	.430	9,763	27,539
<b>2. Middle Atlantic:</b>						
1941.....	6,509	72	351,610	.277	22,492	41,043
1942.....	6,882	82	349,001	.318	22,760	46,341
1943.....	6,783	34	308,708	.360	21,798	50,112
1944.....	9,277	28	369,650	.387	26,572	67,268
1945.....	9,761	45	377,021	.390	28,935	69,256
<b>3. Central:</b>						
1941.....	12,808	775	836,282	.225	36,836	66,757
1942.....	12,787	781	711,993	.262	34,316	70,224
1943.....	13,536	780	675,629	.293	38,855	89,795
1944.....	14,522	872	696,778	.307	38,836	98,106
1945.....	14,787	783	701,878	.312	39,278	101,852
<b>4. Southern:</b>						
1941.....	4,027	23	283,700	.212	16,098	24,602
1942.....	4,410	22	291,874	.255	17,446	29,112
1943.....	5,688	58	301,482	.305	21,841	42,674
1944.....	4,583	17	284,626	.277	15,963	32,087
1945.....	4,776	17	277,428	.298	15,810	33,588
<b>5. Northwestern:</b>						
1941.....	1,418	5	70,878	.280	4,996	8,719
1942.....	1,584	3	76,065	.307	5,344	10,403
1943.....	1,724	3	86,793	.316	6,193	13,385
1944.....	2,021	4	105,108	.308	6,778	16,000
1945.....	2,183	4	104,281	.328	6,990	16,708
<b>6. Midwestern:</b>						
1941.....	1,747	73	136,244	.200	5,993	10,326
1942.....	1,796	48	129,071	.230	6,318	12,136
1943.....	1,785	11	138,524	.247	7,029	15,247
1944.....	1,975	32	137,704	.268	6,845	16,282
1945.....	2,078	26	128,284	.289	6,861	16,103
<b>7. Southwestern:</b>						
1941.....	2,542	34	134,367	.226	9,751	13,539
1942.....	2,376	18	160,361	.241	9,710	15,069
1943.....	2,833	16	178,766	.282	11,847	21,123
1944.....	3,541	18	194,778	.292	12,564	25,042
1945.....	3,755	82	212,069	.296	13,330	28,280
<b>8. Rocky Mountain:</b>						
1941.....	295	97	38,024	.224	1,754	3,221
1942.....	343	116	42,413	.262	2,079	4,142
1943.....	321	144	40,699	.298	2,175	4,910
1944.....	415	162	47,541	.309	2,498	6,042
1945.....	518	185	49,204	.339	2,564	6,675
<b>9. Pacific:</b>						
1941.....	1,828	1,375	132,574	.294	9,295	17,596
1942.....	1,783	1,500	150,802	.333	9,555	21,994
1943.....	1,884	1,603	164,874	.387	10,904	29,257
1944.....	2,366	1,637	178,103	.394	11,054	32,638
1945.....	2,884	1,791	191,946	.404	11,373	35,402

<sup>1</sup> Excludes equipment used under lease, including operations conducted under "purchased transportation arrangements."

<sup>2</sup> Excludes drivers of equipment engaged by these carriers to perform "purchased transportation" service.

<sup>3</sup> Total of 1,019 carriers, including carriers which operated with owned equipment and "purchased transportation."

Source: Interstate Commerce Commission; annual report, Statistics of Class I Motor Carriers.

No. 594.—CLASS I INTERCITY MOTOR CARRIERS OF PROPERTY—FINANCIAL AND OPERATING STATISTICS, BY QUARTERS: 1942 TO 1947

[See headnote, table 592]

YEAR AND QUARTER	Number of carriers reporting	Total revenue (thousands)	Total expenses (thousands)	Operating ratio (percent)	Truck and tractor miles operated (thousands)	Tons of revenue freight transported (thousands)
1942:						
First.....	1,001	\$127,205	\$122,158	96.0	479,441	18,833
Second.....	1,015	140,874	131,021	93.0	490,433	19,184
Third.....	1,024	155,427	141,201	90.8	507,774	21,935
Fourth.....	1,015	155,972	153,201	98.2	499,917	22,298
1943:						
First.....	1,114	151,405	143,617	94.9	472,373	21,975
Second.....	1,110	162,954	153,847	94.4	504,925	23,351
Third.....	1,114	164,056	157,114	95.8	506,428	23,564
Fourth.....	1,091	161,550	164,592	101.9	488,269	23,684
1944:						
First.....	1,204	163,328	157,228	96.3	480,445	23,987
Second.....	1,213	169,617	163,367	96.3	493,841	24,396
Third.....	1,209	170,699	165,658	97.0	490,401	24,520
Fourth.....	1,202	173,736	176,525	101.6	497,395	25,032
1945:						
First.....	1,371	186,697	181,098	97.0	521,881	27,049
Second.....	1,393	194,256	187,498	96.5	543,048	27,809
Third.....	1,365	180,921	181,463	100.3	505,173	25,987
Fourth.....	1,342	171,484	183,225	106.8	476,367	24,802
1946:						
First.....	1,466	186,816	185,752	99.4	502,365	27,057
Second.....	1,456	218,954	205,653	93.9	574,010	36,592
Third.....	1,414	224,337	212,125	94.6	587,294	28,521
Fourth.....	1,408	247,727	243,296	98.2	620,295	30,382
1947:						
First.....	1,509	272,939	258,409	94.7	650,970	31,408
Second.....	1,514	291,836	274,448	94.0	693,008	32,347

Source: Interstate Commerce Commission; Statement No. Q-800.

No. 595.—CLASS I INTERCITY MOTOR CARRIERS OF PASSENGERS—FINANCIAL AND OPERATING STATISTICS, BY QUARTERS: 1942 TO 1947

[See headnote, table 596]

YEAR AND QUARTER	Number of carriers reporting	Total operating revenue (thousands)	Passenger revenue—regular route (thousands)	Total expenses (thousands)	Operating ratio (percent)	REGULAR-ROUTE INTERCITY	
						Passengers carried (thousands)	Vehicle miles (thousands) <sup>1</sup>
1942:							
First.....	156	\$47,216	\$44,406	\$37,265	78.9	61,541	160,840
Second.....	158	67,662	64,812	44,078	65.1	82,560	186,870
Third.....	154	86,578	83,500	51,080	59.0	102,694	216,254
Fourth.....	155	79,589	76,034	52,288	65.7	108,228	201,474
1943:							
First.....	181	82,139	78,728	52,414	63.8	121,925	204,522
Second.....	181	96,952	93,494	57,965	59.8	134,798	224,088
Third.....	180	111,382	107,933	64,854	58.2	145,188	243,413
Fourth.....	179	96,096	92,710	66,381	69.1	130,541	227,955
1944:							
First.....	210	93,505	89,518	63,551	68.0	112,212	216,165
Second.....	210	107,935	103,633	68,495	63.5	123,006	233,028
Third.....	213	117,594	113,671	72,756	61.9	131,285	247,674
Fourth.....	211	100,139	96,584	70,395	70.3	120,604	229,477
1945:							
First.....	257	95,710	91,799	69,721	72.8	120,008	226,390
Second.....	258	109,079	104,812	73,912	67.8	131,464	243,670
Third.....	256	124,245	119,954	79,317	63.8	141,246	269,735
Fourth.....	260	97,581	93,170	77,797	79.7	116,586	236,319
1946:							
First.....	273	96,191	91,982	76,226	79.2	116,086	249,038
Second.....	271	104,577	99,744	80,649	77.1	122,627	266,797
Third.....	264	118,891	113,909	87,597	73.7	134,152	290,748
Fourth.....	266	100,811	95,710	87,857	87.2	123,165	272,812
1947:							
First.....	263	82,902	78,757	79,117	95.4	108,140	248,690
Second.....	261	97,486	92,141	81,832	83.9	113,458	260,786

<sup>1</sup> Excludes minor combination truck-bus vehicle-miles.

Source: Interstate Commerce Commission; Statement No. Q-750.

**No. 596.—CLASS I INTERCITY MOTOR CARRIERS OF PASSENGERS—SUMMARY OF FINANCIAL AND OPERATING STATISTICS: 1941 TO 1945**

[All money figures, except average fare and average revenue and expense per vehicle-mile, in thousands of dollars. Covers carriers with average annual operating revenues of \$100,000 or more engaged wholly or preponderantly in intercity service subject to jurisdiction of Interstate Commerce Commission. This table does not include carriers subject to the Commission's jurisdiction engaged wholly or preponderantly in local or suburban service or carriers engaged in transportation of both property and passengers]

ITEM	1941	1942	1943	1944	1945
Number of carriers reporting . . . . .	132	136	157	194	231
Investment in carrier operating property . . . . .	169,576	129,016	136,618	133,079	163,477
Less reserve for depreciation and amortization . . . . .	52,334	66,165	79,185	70,916	81,103
Net investment in carrier operating property . . . . .	57,242	63,851	57,433	61,160	72,374
<b>Income statement:</b>					
Operating revenue, total . . . . .	148,876	251,192	344,007	374,067	377,963
Passenger revenue <sup>1</sup> . . . . .	139,892	241,069	332,906	362,297	364,769
Special bus revenue . . . . .	4,584	4,879	4,439	5,464	5,351
Other operating revenue . . . . .	4,401	5,244	6,662	6,306	7,783
Expenses, total . . . . .	119,921	164,465	213,779	245,403	264,934
Operation and maintenance expenses . . . . .	88,945	125,935	167,677	196,610	214,294
Depreciation and amortization <sup>2</sup> . . . . .	12,852	15,023	16,150	16,234	17,336
Operating taxes and licenses <sup>3</sup> . . . . .	14,134	18,723	23,829	26,054	26,846
Operating rents, net . . . . .	3,989	4,784	6,123	6,485	6,528
Operating ratio (percent expenses of operating revenue) . . . . .	80.6	65.5	62.1	65.5	70.1
Net operating revenue . . . . .	28,955	86,727	130,226	129,264	112,999
Other income, less income deductions . . . . .	3,308	3,186	1,829	1,267	2,076
Net income before income taxes . . . . .	32,210	83,407	127,951	129,966	110,364
Net income after income taxes . . . . .	20,406	24,416	36,681	36,282	32,246
Dividend appropriations and withdrawals <sup>4</sup> . . . . .	13,899	10,327	16,947	20,222	18,599
<b>Number of employees and compensation:</b>					
All employees:					
Number . . . . .	22,829	29,398	37,225	40,092	42,394
Compensation . . . . .	42,864	61,760	84,550	100,983	108,394
Equipment maintenance and garage:					
Number . . . . .	5,205	6,853	8,851	9,770	10,467
Compensation . . . . .	8,669	13,126	19,556	23,969	26,752
Transportation:					
Drivers of passenger revenue vehicles:					
Number . . . . .	10,257	12,726	15,768	16,760	17,560
Compensation . . . . .	21,077	29,639	39,200	46,811	49,065
Others:					
Number . . . . .	620	996	1,360	1,621	1,609
Compensation . . . . .	1,633	2,568	4,120	4,943	5,503
Station:					
Number . . . . .	3,594	4,893	6,318	6,703	7,163
Compensation . . . . .	4,343	6,906	9,799	11,714	12,560
Traffic, solicitation, and advertising:					
Number . . . . .	490	531	568	606	642
Compensation . . . . .	1,065	1,266	1,563	1,716	1,934
Administrative and general:					
General officers:					
Number . . . . .	299	326	381	455	516
Compensation . . . . .	2,097	2,568	3,797	4,302	5,489
Others, including insurance and safety:					
Number . . . . .	2,164	3,073	3,969	4,178	4,348
Compensation . . . . .	3,191	4,677	6,516	7,489	8,097
<b>Operating statistics and averages:</b>					
Passenger vehicles owned <sup>5</sup> . . . . .	7,891	9,677	11,000	12,019	12,865
Vehicle-miles of owned and leased passenger vehicles: <sup>6</sup>					
Regular route intercity service (thousands) . . . . .	533,438	675,225	771,729	833,851	860,485
Special, charter, and sightseeing service (thousands) . . . . .	13,127	14,510	12,793	14,863	15,113
Local and suburban service <sup>7</sup> (thousands) . . . . .	9,614	12,448	47,342	56,170	64,963
Number of revenue passengers carried:					
Regular route intercity service (thousands) . . . . .	166,044	296,706	394,129	429,917	434,614
Special, charter, and sightseeing service (thousands) . . . . .	3,706	4,344	4,370	7,086	7,036
Local service (thousands) . . . . .	17,365	29,024	102,761	132,628	122,794
Miles per vehicle <sup>8</sup> . . . . .	70,217	73,350	68,925	71,781	71,429
Average fare per passenger, per carrier, intercity service . . . . .	\$0.829	\$0.800	\$0.806	\$0.798	\$0.793
Passenger revenue per vehicle-mile:					
Regular route intercity . . . . .	.258	.336	.412	.411	.401
Special, charter, and sightseeing services . . . . .	.349	.329	.368	.367	.356
Local service . . . . .	.241	.297	.317	.343	.306
Expense per vehicle-mile . . . . .	.216	.234	.267	.271	.285

<sup>1</sup> Regular route intercity and local revenue

<sup>2</sup> Amortization a very small part of this total.

<sup>3</sup> Excludes Federal or State income taxes.

<sup>4</sup> Withdrawals, small in amount, of sole proprietors and partners.

<sup>5</sup> Total vehicles owned at close of year

<sup>6</sup> Includes bus-miles of vehicles operated under "purchased transportation arrangements."

<sup>7</sup> Includes only service on local and suburban runs of preponderantly intercity carriers.

<sup>8</sup> Averages for owned and leased vehicles.

Source: Interstate Commerce Commission; annual report, Statistics of Class I Motor Carriers.

**No. 597.—CLASS I INTERCITY MOTOR CARRIERS OF PASSENGERS—SELECTED  
OPERATING STATISTICS, BY REGIONS: 1941 TO 1945**

[See headnote, table 596; for description of regions, see headnote, table 593]

REGION AND YEAR	Number of carriers reporting	Operating revenue (thou- sands)	Total expenses (thou- sands)	PASSENGER VEHICLES	
				Intercity <sup>1</sup>	Total <sup>2</sup>
<b>Total:</b>					
1941 .....	132	\$148,876	\$119,921	7,597	7,905
1942 .....	136	251,192	164,465	9,296	9,689
1943 .....	157	344,007	213,779	11,327	12,019
1944 .....	194	374,667	245,403	11,808	12,895
1945 .....	231	377,933	264,934	12,281	13,393
<b>1. New England:</b>					
1941 .....	8	4,245	4,236	278	297
1942 .....	9	7,898	6,160	395	427
1943 .....	10	9,587	7,706	424	462
1944 .....	16	12,768	10,510	587	626
1945 .....	18	11,412	10,255	559	584
<b>2. Middle Atlantic:</b>					
1941 .....	35	21,486	19,733	1,293	1,404
1942 .....	33	31,149	24,855	1,387	1,520
1943 .....	32	35,430	26,644	1,528	1,607
1944 .....	34	38,428	29,701	1,540	1,663
1945 .....	34	39,985	32,567	1,556	1,772
<b>3. Central:</b>					
1941 .....	27	28,225	23,577	1,274	1,429
1942 .....	27	41,387	29,859	1,491	1,690
1943 .....	33	55,156	37,953	1,770	2,073
1944 .....	35	58,013	41,442	1,769	2,044
1945 .....	46	59,516	44,467	1,876	2,124
<b>4. Southern:</b>					
1941 .....	23	40,184	30,257	1,878	1,897
1942 .....	24	70,860	44,380	2,359	2,383
1943 .....	32	99,982	60,949	3,172	3,361
1944 .....	44	109,852	72,535	3,688	3,906
1945 .....	53	113,114	78,789	3,926	4,133
<b>5. Northwestern:</b>					
1941 .....	1	5,621	4,519	243	243
1942 .....	1	8,309	5,377	264	264
1943 .....	2	10,510	6,332	300	300
1944 .....	5	12,594	7,355	336	336
1945 .....	6	13,355	8,299	367	367
<b>6. Midwestern:</b>					
1941 .....	8	7,194	5,761	398	401
1942 .....	8	11,928	7,421	450	453
1943 .....	7	15,556	8,982	457	460
1944 .....	8	16,628	9,788	469	469
1945 .....	12	18,383	11,391	529	529
<b>7. Southwestern:</b>					
1941 .....	18	19,906	15,247	1,086	1,087
1942 .....	20	40,832	23,862	1,601	1,601
1943 .....	24	60,602	32,689	2,052	2,065
1944 .....	33	63,941	36,937	2,048	2,122
1945 .....	38	61,214	40,506	2,044	2,105
<b>8. Rocky Mountain:</b>					
1941 .....	3	1,059	930	71	71
1942 .....	4	2,280	1,444	88	90
1943 .....	4	3,422	2,141	105	110
1944 .....	5	4,185	2,567	118	165
1945 .....	9	5,291	3,359	178	225
<b>9. Pacific:</b>					
1941 .....	9	20,955	15,660	1,076	1,076
1942 .....	10	36,549	21,107	1,261	1,261
1943 .....	13	53,762	30,383	1,519	1,581
1944 .....	14	58,258	34,568	1,253	1,564
1945 .....	15	55,663	35,301	1,246	1,554

<sup>1</sup> Includes vehicles owned, leased, and operated under "purchased transportation arrangements," operated in intercity revenue service.

<sup>2</sup> Includes average number operated in intercity service during year and number owned in local operations at close of year.

No. 597.—CLASS I INTERCITY MOTOR CARRIERS OF PASSENGERS—SELECTED OPERATING STATISTICS, BY REGIONS: 1941 TO 1945—Continued

REGION AND YEAR	REGULAR-ROUTE INTERCITY				EMPLOYEES	
	Vehicle-miles (thousands)	Revenue passengers carried (thousands)	Average fare per passenger, per carrier	Passenger revenue per vehicle-mile	Average number	Total compensation (thousands)
<b>Total:</b>						
1941	533,438	166,044	\$0.829	\$0.268	22,829	\$42,864
1942	675,225	296,706	.800	.336	23,368	61,760
1943	771,729	394,129	.811	.412	37,225	84,550
1944	833,851	429,917	.798	.411	40,692	100,933
1945	860,485	484,614	.798	.401	42,394	108,394
<b>1. New England:</b>						
1941	14,161	4,376	.838	.289	818	1,734
1942	19,769	12,761	.667	.367	1,005	2,334
1943	21,052	18,617	.476	.421	1,277	3,167
1944	29,039	26,856	.421	.390	1,743	4,449
1945	26,097	23,132	.480	.399	1,601	4,493
<b>2. Middle Atlantic:</b>						
1941	67,180	33,364	.562	.274	4,083	7,663
1942	77,570	50,153	.566	.382	4,449	9,897
1943	81,014	68,676	.570	.413	4,554	10,437
1944	86,899	66,808	.541	.402	4,498	11,413
1945	87,191	64,630	.546	.404	4,874	12,615
<b>3. Central:</b>						
1941	97,833	27,196	.931	.259	4,205	8,178
1942	108,850	46,172	.840	.355	5,319	11,634
1943	119,376	60,869	.802	.409	6,586	16,323
1944	123,670	65,420	.777	.411	6,699	17,884
1945	131,498	69,215	.763	.396	7,129	19,115
<b>4. Southern:</b>						
1941	147,510	46,523	.830	.262	5,463	9,431
1942	196,852	84,338	.814	.355	7,696	14,869
1943	234,221	121,266	.765	.406	10,465	21,868
1944	287,591	137,677	.769	.406	11,875	27,366
1945	274,011	148,686	.734	.392	12,406	30,113
<b>5. Northwestern:</b>						
1941	21,010	4,194	1.269	.253	789	1,681
1942	22,962	6,090	1.273	.338	867	1,931
1943	26,651	8,707	1.167	.394	938	2,376
1944	29,340	11,218	1.057	.404	1,129	3,257
1945	32,029	11,657	1.097	.399	1,169	3,223
<b>6. Midwestern:</b>						
1941	27,260	4,401	1.501	.242	1,136	2,206
1942	32,630	7,557	1.489	.349	1,339	2,690
1943	36,086	10,002	1.486	.412	1,533	3,670
1944	39,533	10,794	1.483	.405	1,626	4,607
1945	44,966	12,929	1.374	.395	1,909	5,168
<b>7. Southwestern:</b>						
1941	83,438	20,465	.926	.227	3,067	5,653
1942	121,084	46,969	.829	.322	4,666	9,179
1943	144,989	70,657	.807	.394	6,314	13,129
1944	149,035	64,001	.940	.404	6,425	15,639
1945	148,409	61,487	.946	.392	6,964	16,662
<b>8. Rocky Mountain:</b>						
1941	5,680	665	1.400	.164	211	342
1942	7,161	1,342	1.580	.297	273	532
1943	8,072	2,457	1.292	.393	374	743
1944	9,166	3,007	1.236	.406	424	1,054
1945	11,938	3,899	1.177	.384	561	1,457
<b>9. Pacific:</b>						
1941	69,366	24,860	.795	.285	3,068	6,075
1942	89,347	42,325	.831	.394	3,765	8,504
1943	101,368	42,869	1.076	.453	5,184	12,827
1944	106,578	44,238	1.098	.456	5,713	15,364
1945	104,346	39,089	1.178	.441	5,772	15,638

Source: Interstate Commerce Commission; annual report, Statistics of Class I Motor Carriers.

No. 598.—MOTORBUS LINES—SUMMARY OF OPERATIONS OF COMMON CARRIERS  
AND SCHOOL BUSES: 1940 TO 1946

ITEM	1940	1941	1942	1943	1944	1945	1946
COMMON CARRIER BUS OPERATIONS							
Number of operating companies (Dec. 31).....	3, 478	3, 490	3, 803	4, 500	4, 970	5, 120	5, 174
City and city suburban.....	750	900	814	800	1, 270	1, 435	1, 455
Intercity.....	2, 308	2, 200	2, 637	3, 500	2, 600	2, 785	2, 911
Charter hire and sightseeing.....	420	390	352	200	1, 100	900	808
Number of busses (Dec. 31).....	54, 000	58, 658	69, 211	76, 114	79, 825	75, 988	79, 695
City and city suburban.....	33, 550	37, 855	44, 101	45, 610	48, 525	45, 955	47, 960
Intercity.....	18, 000	18, 420	22, 710	28, 504	28, 000	29, 000	30, 250
Charter hire and sightseeing.....	2, 450	2, 383	2, 400	2, 000	3, 300	1, 033	1, 475
Miles of highway covered (Dec. 31).....	343, 300	361, 000	401, 685	434, 575	387, 875	414, 595	422, 697
City and city suburban.....	28, 300	30, 000	36, 339	42, 000	38, 575	42, 943	45, 085
Intercity.....	315, 000	331, 000	365, 346	392, 575	349, 300	371, 652	377, 612
Revenue bus miles (millions).....	1, 981	2, 112	2, 654	2, 768	3, 212	3, 110	3, 502
City and city suburban.....	1, 067	1, 210	1, 453	1, 425	1, 630	1, 472	1, 656
Intercity.....	894	893	1, 195	1, 320	1, 524	1, 609	1, 813
Charter hire and sightseeing.....	21	10	6	23	58	29	33
Revenue passengers (millions).....	4, 186	4, 924	7, 120	8, 355	9, 753	8, 692	9, 162
City and city suburban (line haul service only).....	3, 821	4, 544	6, 501	7, 377	8, 609	7, 799	8, 268
Intercity (line service only).....	361	377	617	953	1, 084	874	872
Charter hire and sightseeing.....	4	3	2	25	60	19	22
Operating revenue (1,000 dollars).....	442, 382	517, 232	808, 000	1, 030, 400	1, 205, 310	1, 288, 380	1, 272, 434
City and city suburban.....	259, 693	306, 830	449, 000	535, 400	614, 870	643, 260	680, 950
Intercity.....	174, 189	204, 696	355, 000	480, 000	563, 840	585, 370	580, 200
Charter hire and sightseeing.....	8, 500	5, 706	4, 000	15, 000	26, 600	9, 750	11, 284
Taxes assignable to operations (1,000 dollars) <sup>1</sup> .....	46, 050	49, 573	66, 331	69, 000	96, 100	102, 266	94, 398
City and city suburban.....	27, 583	30, 089	39, 010	34, 450	52, 500	59, 540	50, 041
Intercity.....	17, 867	19, 164	27, 020	33, 580	40, 600	42, 029	43, 550
Charter hire and sightseeing.....	600	320	300	1, 000	3, 000	697	807
Investment in plant and equipment (Dec. 31) (1,000 dollars).....	524, 000	586, 106	<sup>2</sup> 663, 162	<sup>2</sup> 712, 600	<sup>2</sup> 758, 000	<sup>2</sup> 822, 130	( <sup>3</sup> )
Number of employees (Dec. 31).....	125, 000	127, 500	<sup>2</sup> 145, 000	<sup>2</sup> 154, 900	<sup>2</sup> 170, 362	<sup>2</sup> 175, 267	203, 383
Wages and salaries of employees (1,000 dollars).....	( <sup>3</sup> )	197, 560	<sup>2</sup> 270, 844	<sup>2</sup> 332, 900	<sup>2</sup> 433, 000	<sup>2</sup> 487, 805	( <sup>3</sup> )
SCHOOL BUS OPERATIONS							
Number of schools using busses.....	44, 250	44, 750	43, 550	44, 825	42, 200	40, 000	40, 400
Number of busses <sup>4</sup> .....	87, 300	87, 400	79, 000	77, 850	75, 500	80, 000	81, 200
Miles of route served (thousands).....	1, 270	1, 281	1, 383	1, 598	1, 543	1, 725	1, 915
Children carried daily (thousands).....	( <sup>3</sup> )	4, 142	4, 259	4, 425	4, 490	4, 700	4, 710
Cost of service annually (1,000 dollars).....	( <sup>3</sup> )	79, 155	85, 912	81, 000	90, 540	93, 500	103, 500

<sup>1</sup> Excludes income and excess-profit taxes.  
<sup>2</sup> Excludes charter hire and sightseeing; figures not available.  
<sup>3</sup> Not available.  
<sup>4</sup> Exclusive of common carrier busses furnishing school service.

Source: Bus Transportation, Annual Review and Statistical Number; published by McGraw-Hill Publishing Co., Inc., New York, N. Y.



## No. 599.—CIVIL AERONAUTICS—SUMMARY: 1934 TO 1947

ITEM	1934	1940	1944	1945	1946	1947 <sup>1</sup>
<b>SCHEDULED AIR CARRIER OPERATIONS</b>						
Number of operators, Dec. 31 <sup>2</sup>	25	23	22	24	28	32
Route miles in operation—December average	50,801	83,210	77,092	105,131	132,393	( <sup>3</sup> )
Domestic	28,416	41,014	47,384	56,990	61,197	( <sup>3</sup> )
International	22,385	42,197	29,708	48,141	71,196	( <sup>3</sup> )
Airplanes in service and reserve, Dec. 31 <sup>4</sup>	518	440	360	518	819	964
Domestic	428	369	288	421	672	809
International	90	71	72	97	147	155
Total personnel employed, Dec. 31, domestic	4,250	15,959	31,198	50,313	69,182	( <sup>3</sup> )
Pilots and copilots employed	663	1,921	2,879	4,967	5,712	( <sup>3</sup> )
Revenue airplane miles flown (thousands) <sup>5</sup>	49,065	120,165	161,118	241,978	372,409	411,462
Domestic	41,418	110,513	138,840	209,369	311,698	325,014
International	7,647	9,652	22,278	32,609	60,711	86,448
Revenue airplane miles flown daily, average <sup>6</sup>	134,424	328,321	440,199	662,952	1,020,299	1,127,295
Domestic	113,474	301,950	379,345	573,613	853,967	890,451
International	20,950	26,371	60,854	89,339	166,332	236,844
Revenue passengers carried <sup>7</sup>	572,265	2,965,398	4,387,968	7,051,810	13,254,728	14,248,834
Domestic	473,990	2,802,781	4,046,472	6,576,252	12,213,445	12,890,149
International	98,275	162,617	341,496	475,558	1,041,283	1,358,685
Average passenger-mile rate (domestic) <sup>8</sup>	\$0.059	\$0.0507	\$0.0514	\$0.0495	\$0.0463	( <sup>3</sup> )
Express and freight carried (thousands of pounds) <sup>9</sup>	3,482	14,273	84,749	105,023	171,199	277,426
Domestic	2,212	12,726	73,739	90,016	149,118	234,767
International	1,270	1,547	11,010	15,007	22,081	42,659
Airplane miles flown with mail, domestic (thousands) <sup>10</sup>		67,746	137,197	206,699	305,591	313,927
Accidents, domestic:						
Number of accidents <sup>7</sup>	71	30	30	40	33	42
Revenue miles flown per accident	580,517	3,683,789	4,628,005	5,234,222	9,445,397	7,738,440
Total fatalities	29	45	58	88	97	222
Fatalities per 1,000,000 revenue miles flown	0.70	0.41	0.42	0.42	0.31	0.68
Accidents, international:						
Number of accidents <sup>7</sup>	2	6	7	5	14	9
Revenue miles flown per accident	3,924,029	1,608,622	3,181,805	6,521,741	4,336,509	9,605,016
Total fatalities	9		17	27	52	33
Fatalities per 1,000,000 revenue miles flown	1.53		0.77	0.82	0.85	0.38
<b>MISCELLANEOUS <sup>11</sup></b>						
Miles airways implemented by Civil Aeronautics Administration <sup>12</sup>	19,081	30,480	42,549	43,285	43,403	45,393
Radio range stations, total <sup>13</sup>	112	281	333	344	414	465
Nondirectional radio beacons <sup>14</sup>	84	48	84	88	74	81
Airport traffic control towers, federally operated <sup>15</sup>			104	107	115	134
Airway traffic control centers, federally operated <sup>16</sup>		11	28	29	29	31
Interstate airways communications stations	205	365	439	438	397	403
Landing aids to air navigation:						
Instrument landing systems		1	9	9	31	60
Precision beam radar						4
Airport surveillance radar						4
Airports in operation, as recorded by CAA, total	2,297	2,331	3,427	4,026	4,490	5,759
Municipal <sup>17</sup>	980	1,031	1,067	1,220	1,424	1,818
Commercial <sup>18</sup>	872	860	1,027	1,509	1,929	2,849
CAA intermediate <sup>19</sup>	259	289	229	216	201	178
All others <sup>20</sup>	186	151	1,104	1,081	936	914
Pilots licensed (active) airplane	13,949	69,829	183,383	296,895	400,061	<sup>14</sup> 455,000
Total civil aircraft	8,322	17,928	27,919	37,789	<sup>15</sup> 81,002	<sup>15</sup> 94,821

<sup>1</sup> Preliminary.<sup>2</sup> Domestic and International.<sup>3</sup> Not available.<sup>4</sup> Includes aircraft only for those carriers engaged in scheduled commercial operations that were required to report to CAB.<sup>5</sup> All data reflect scheduled operations exclusively, with exception of airplane-miles flown which, for 1940 to 1946, include nonscheduled operations.<sup>6</sup> Includes nonrevenue passengers.<sup>7</sup> Revised in accordance with current definition of accident. Excludes propeller accidents to persons, accidents which occurred in military contract flying, and accidents of a minor nature which were carried in previous figures.<sup>8</sup> Data as of December 31.<sup>9</sup> Data include continental United States, and Territories and possessions wherever applicable.<sup>10</sup> Public use and public services, municipally owned and/or operated.<sup>11</sup> Public use and public services, privately owned and operated.<sup>12</sup> Public emergency use, no services, CAA operated.<sup>13</sup> Includes military (public restricted, military operated); private (public emergency use only, no public services, privately owned for personal use); and miscellaneous government (public emergency use only, no public services, Government-owned Forest Service, etc.).<sup>14</sup> Estimated.<sup>15</sup> Estimates. Precautions for insuring reliability of aircraft data were necessarily relaxed during World War II. Aircraft registration records are in process of audit.

Source: Department of Commerce, Civil Aeronautics Administrations, and Civil Aeronautics Board; Statistical Handbook of Civil Aviation.

No. 600.—AIRPORTS, BY CLASS AND BY TYPE, BY STATES: JAN. 1, 1948

[Data cover existing airports as of record with Civil Aeronautics Administration on Jan. 1, 1948]

STATE	Total	CLASS <sup>1</sup>					TYPE <sup>2</sup>				Total lighted
		Sub I	I	II	III	IV and over	Com-mer-cial	Munio-pal	CAA inter-medi-ate	All others	
Total.....	5,759	1,215	2,366	888	526	764	2,849	1,818	178	914	1,281
Alabama.....	98	14	40	14	14	16	44	31	2	21	33
Arizona.....	163	21	37	39	37	29	41	37	7	78	27
Arkansas.....	85	16	35	14	13	7	49	21	1	14	11
California.....	406	65	154	64	33	90	188	111	10	97	130
Colorado.....	99	23	31	28	8	9	32	43	2	22	15
Connecticut.....	32	9	14	1	3	5	21	10	1	0	13
Delaware.....	22	2	13	4	0	3	16	2	0	4	6
Dist. of Columbia.....	3	0	0	0	0	3	0	0	0	3	3
Florida.....	200	6	52	25	47	70	49	82	3	66	63
Georgia.....	133	22	40	15	27	29	47	51	4	31	29
Idaho.....	93	44	24	13	8	4	14	52	4	23	15
Illinois.....	181	26	101	39	5	10	125	27	5	24	32
Indiana.....	163	28	87	29	9	10	121	28	2	12	24
Iowa.....	163	44	88	22	1	8	106	45	4	8	12
Kansas.....	183	27	103	19	13	21	76	69	3	35	33
Kentucky.....	64	27	26	2	4	5	48	9	2	5	14
Louisiana.....	77	17	25	13	10	12	25	23	4	25	25
Maine.....	76	37	17	4	12	6	44	23	0	9	22
Maryland.....	53	6	20	14	3	10	32	5	0	16	17
Massachusetts.....	75	23	29	4	9	10	48	21	0	6	19
Michigan.....	224	30	133	36	10	15	107	106	0	11	29
Minnesota.....	126	29	64	23	4	6	63	62	0	1	19
Mississippi.....	103	18	42	15	16	12	48	34	4	17	21
Missouri.....	126	27	60	19	11	9	79	33	5	9	32
Montana.....	98	30	31	18	7	12	15	56	11	16	25
Nebraska.....	105	25	46	17	1	16	40	42	5	18	20
Nevada.....	54	12	8	8	7	19	19	15	9	11	23
New Hampshire.....	34	10	15	3	3	3	19	12	0	3	8
New Jersey.....	84	7	47	16	8	6	61	12	0	11	21
New Mexico.....	104	27	34	14	6	23	35	31	10	28	26
New York.....	241	100	83	27	12	19	174	42	3	22	43
North Carolina.....	151	53	51	15	14	18	107	28	1	15	24
North Dakota.....	68	8	43	9	2	6	27	34	6	1	16
Ohio.....	199	49	96	36	8	10	152	34	6	7	31
Oklahoma.....	163	27	80	20	13	23	73	75	2	13	42
Oregon.....	106	34	33	9	11	19	37	46	5	18	27
Pennsylvania.....	199	53	97	28	13	8	148	40	3	8	31
Rhode Island.....	11	4	3	0	2	2	6	1	0	4	3
South Carolina.....	70	8	27	10	6	19	23	34	2	11	15
South Dakota.....	62	12	34	5	3	8	24	34	1	3	9
Tennessee.....	71	21	23	13	7	7	36	21	6	8	22
Texas.....	470	76	161	100	55	78	184	141	21	124	120
Utah.....	46	4	14	6	13	9	7	26	9	4	19
Vermont.....	17	6	7	0	4	0	8	9	0	0	7
Virginia.....	113	20	56	12	11	14	70	19	8	21	25
Washington.....	136	23	55	19	9	30	58	52	3	23	30
West Virginia.....	48	19	15	8	2	4	29	14	2	3	9
Wisconsin.....	109	19	58	21	6	5	61	45	2	1	16
Wyoming.....	52	7	14	18	6	7	13	30	5	4	16

<sup>1</sup> Sea level runway and strip requirements:

Class	Strip length	Runway (paved) length
Sub-1.....	Less than 1,800 feet.....	Less than 1,800 feet.
1.....	1,800-2,699.....	1,800-2,499.
2.....	2,700-3,699.....	2,500-3,499.
3.....	3,700-4,699.....	3,500-4,499.
4 and over.....	4,700+.....	4,500+.

<sup>2</sup> See notes 10 to 13, table 599.

Source: Department of Commerce, Civil Aeronautics Administration; Statistical Handbook of Civil Aviation.

## 21. Waterways, Water Traffic, and Shipping

Data in this section cover the following areas unless otherwise indicated: From Corps of Engineers, Department of the Army, Bureau of Census, Bureau of Customs, and Bureau of Foreign and Domestic Commerce, United States customs area which includes Alaska, Hawaii, and Puerto Rico, and, from Jan. 1, 1935, through Dec. 31, 1939, Virgin Islands; from United States Maritime Commission and War Shipping Administration, continental United States. Beginning with 1946, data on waterborne foreign commerce will be compiled by Bureau of Census.

**Units of measurement.**—"Cargo tonnage" represents weight of cargo in long tons (2,240 pounds) or short tons (2,000 pounds). All other tonnage figures refer to capacity of vessels. The terms gross and net tonnage refer to space measurement, 100 cubic feet being called 1 ton. Gross tonnage is the capacity of the entire space within the frames and the ceiling of the hull, together with those closed-in spaces above deck available for cargo, stores, passengers or crew, with certain minor exemptions. Net or registered tonnage is what remains after deducting from the gross tonnage the spaces occupied by the propelling machinery, fuel, crew quarters, master's cabin, and navigation spaces. It represents substantially space available for cargo and passengers. The net tonnage capacity of a ship recorded as "entered with cargo" may bear little relation to actual weight of cargo. Dead weight tonnage is the weight in long tons required to depress a vessel from light water line (that is, with only the machinery and equipment on board) to load line. It is therefore the weight of the cargo, fuel, etc., which a vessel is designed to carry with safety. Displacement tonnage (naval vessels) has reference to weight of the vessel itself with its normal equipment, fuel, etc.

**Vessel entrances and clearances.**—The tables on vessel entrances and clearances show the number and net registered tonnage of American and foreign dry cargo and tanker vessels with cargo and in ballast entering and clearing the United States customs area in the foreign trade and indicate the Customs Districts at which these vessels first entered and from which they last cleared. All types of watercraft engaged in the foreign trade which are required to make formal entrance and clearance under United States customs regulations are included in the statistics. Army and Navy vessels entering or clearing without commercial cargo are not included in the figures. The tons shown in tables 623-628 are net tons of 100 cubic feet carrying capacity of the vessels (as defined in Part 16 of Title 46, "Code of Federal Regulations, Measurements of Vessels") and do not represent the actual weight of cargo carried.

A vessel is reported as entered at the first port in the United States at which entry is made, regardless of whether any cargo is unladen at that port. Vessels touching at a United States port in distress, or for other temporary causes without discharging cargo are not included in the figures.

A vessel is reported as cleared from the last port where outward cargo is completed or where the vessel cleared in ballast. Vessels touching at a United States port in distress, or for other temporary causes without discharging cargo are not included in the figures.

### No. 601.—WATER-BORNE COMMERCE OF THE UNITED STATES—CARGO TONNAGE, FOREIGN AND DOMESTIC: 1941 TO 1946

[In thousands of short tons of 2,000 pounds]

CLASS	1941	1942	1943	1944	1945	1946
<b>Foreign commerce, total</b> .....	<b>120,452</b>	<b>99,221</b>	<b>127,256</b>	<b>153,730</b>	<b>172,993</b>	<b>148,847</b>
Imports, through seaports.....	54,616	25,974	33,077	39,441	44,826	47,948
Exports, through seaports.....	40,005	46,023	63,086	82,613	100,333	76,899
Imports, Great Lakes ports.....	4,628	4,458	7,120	8,056	6,511	4,183
Exports, Great Lakes ports.....	20,803	22,736	24,002	23,627	20,728	20,187
<b>Domestic commerce, unadjusted total</b> .....	<b>846,148</b>	<b>777,885</b>	<b>663,546</b>	<b>706,286</b>	<b>698,293</b>	<b>739,853</b>
Coastwise, between ports.....	155,857	73,977	69,790	70,806	90,091	138,536
Great Lakes, between ports.....	163,201	172,685	159,458	164,994	157,914	138,631
Local traffic of seaports and Great Lakes ports <sup>1</sup> .....	106,141	111,996	106,278	114,132	104,678	97,115
Traffic between seaports and river points.....	75,009	84,941	86,634	87,928	80,234	75,783
Traffic on rivers, canals, and connecting channels <sup>2</sup> .....	343,878	333,996	257,396	268,426	264,688	280,907
<b>Foreign and domestic, unadjusted total</b> .....	<b>966,796</b>	<b>876,816</b>	<b>794,631</b>	<b>860,822</b>	<b>876,296</b>	<b>879,699</b>
<b>Deduction of duplications:</b>						
Traffic between seaports and river points.....	75,009	84,941	86,634	87,928	80,234	75,783
Other duplications (canals, etc.) <sup>3</sup> .....	236,229	201,975	129,616	166,166	171,155	185,961
<b>Net total, foreign and domestic</b> .....	<b>655,558</b>	<b>589,900</b>	<b>588,381</b>	<b>606,728</b>	<b>615,906</b>	<b>617,955</b>
<b>Approximate net total, domestic<sup>4</sup></b> .....	<b>532,948</b>	<b>490,679</b>	<b>453,296</b>	<b>452,192</b>	<b>446,815</b>	<b>469,196</b>

<sup>1</sup> Comprises the following with figures for 1946: Harbor traffic of New York, Philadelphia, and San Francisco 46,054,000 tons; local traffic of other seaports, 38,129,000; domestic traffic of lake ports, 12,932,000.

<sup>2</sup> Excluding St. Marys Falls Canal traffic (91,687,000 tons in 1946) and additional Detroit River traffic (16,292,000 in 1946), data for which are already included in figures for Great Lakes traffic; also excluding duplications relating to rivers and canals themselves.

<sup>3</sup> Principally coastwise and lake traffic passing through canals and connecting channels other than the St. Marys Falls Canal and Detroit River.

<sup>4</sup> Estimated from figures in this table on assumption that all deductions represent duplications in domestic traffic; includes some minor duplications in figures for foreign traffic.

Source: Department of the Army, Corps of Engineers; Annual Report of Chief of Engineers, Part II.

### No. 602.—FREIGHT TRAFFIC ON NEW YORK STATE CANALS—TONNAGE MOVED: 1837 TO 1947

[In short tons of 2,000 pounds. Excludes tonnage handled over State terminals but not moved through any portion of canal channel. East-bound tonnage is that moving toward Albany; west-bound is that moving away from Albany]

YEARLY AVERAGE	TONS	YEARLY AVERAGE	TONS	YEARLY AVERAGE	TONS
1837-1840.....	1,339,016	1886-1890.....	5,281,441	1936-1940.....	4,838,271
1841-1845.....	1,613,317	1891-1895.....	4,112,061	1941-1945.....	3,266,366
1846-1850.....	2,781,410	1896-1900.....	3,544,951	1946.....	4,768,160
1851-1855.....	3,976,861	1901-1905.....	3,333,210	1941.....	4,503,069
1856-1860.....	3,911,407	1906-1910.....	3,238,129	1942.....	3,539,101
1861-1865.....	5,049,341	1911-1915.....	2,448,837	1943.....	2,824,160
1866-1870.....	5,987,724	1916-1920.....	1,348,306	1944.....	2,506,840
1871-1875.....	5,974,097	1921-1925.....	1,905,291	1945.....	2,968,683
1876-1880.....	5,219,888	1926-1930.....	2,904,575	1946.....	2,820,541
1881-1885.....	5,210,399	1931-1935.....	4,014,369	1947.....	3,790,060

COMMODITY	1936	1944	1945	1946	1947
<b>Freight, east-bound, tons</b> .....	<b>1,488,315</b>	<b>1,924,834</b>	<b>1,651,498</b>	<b>1,812,554</b>	<b>972,768</b>
Petroleum and its products.....	33,170	313,654	1,065,096	764,717	21,947
Grain.....	614,855	556,472	48,216	604,105	568,077
Pulpwood.....	8,460	33,460	72,824	104,705	209,440
Other.....	831,640	921,268	465,356	339,027	173,286
<b>Freight, west-bound, tons</b> .....	<b>3,000,857</b>	<b>2,843,328</b>	<b>885,247</b>	<b>1,186,128</b>	<b>2,817,296</b>
Petroleum and its products.....	1,772,627	1,788,346	243,356	818,945	2,629,309
Other.....	1,228,230	1,054,980	641,991	367,183	187,981

Source: State of New York, Department of Public Works; annual statements on canal tonnage.

## No. 608.—COMMERCE OF PRINCIPAL UNITED STATES OCEAN PORTS: 1946

[In thousands of short tons of 2,000 pounds. In addition to commerce here shown, many ports have (1) commerce with ports on internal rivers and canals; (2) purely local port traffic, including, for New York, Philadelphia, and San Francisco, what is called intraport traffic between parts of a harbor for which separate statistics are maintained. These forms of traffic, although aggregate tonnage is large, are of much less economic importance than foreign and coastwise traffic]

PORT	Im-ports	Ex-ports	COASTWISE		PORT	Im-ports	Ex-ports	COASTWISE	
			Re-ceipts	Ship-ments				Re-ceipts	Ship-ments
<b>Grand total<sup>1</sup></b>	<b>47,948</b>	<b>78,589</b>	<b>129,324</b>	<b>147,729</b>	<b>Gulf ports—Con.</b>				
<b>Atlantic ports<sup>1</sup></b>	<b>40,451</b>	<b>37,237</b>	<b>90,562</b>	<b>30,995</b>	New Orleans, La.	2,389	4,315	749	4,673
Searsport, Maine		21	575	4	Baton Rouge, La.		487		2,501
Portland, Maine	2,903	242	2,339	499	Lake Charles, La. <sup>2</sup>	41	1,334	128	4,095
Beverly, Mass			284	6	Terrebonne Bay, La				669
Salem, Mass			350		Beaumont, Tex	4	629	869	16,927
Lynn, Mass			336	8	Port Arthur, Tex	(?)	3,478	1,129	13,112
Boston, Mass	2,820	429	9,574	514	Sabine Pass, Tex				310
New Bedford and Fairhaven, Mass		6	555	23	Galveston, Tex	109	4,195	55	607
Fall River, Mass			1,236	82	Texas City, Tex	88	1,514	758	7,835
Providence, R. I.	490	34	5,394	339	Houston, Tex	205	7,058	622	14,955
New London, Conn			349	28	Port Aransas, Tex		95	57	9,325
New Haven, Conn	406	(?)	3,184	585	Corpus Christi, Tex	1	1,746	39	5,548
Bridgeport, Conn	12		1,606	408	Bracos Island, Tex	183	223	23	1,136
Stamford, Conn			492	33	<b>Pacific ports<sup>1</sup></b>	<b>2,417</b>	<b>10,525</b>	<b>30,444</b>	<b>32,367</b>
New York Harbor, N. Y.	12,676	9,159	26,352	8,247	Los Angeles, Calif	201	2,684	3,149	8,455
Hempstead, N. Y.			558	317	Long Beach, Calif	229	723	472	2,096
Albany, N. Y.	54	322	1,599	1	San Luis Obispo, Calif			26	3,620
Northport Bay, N. Y.			18	1,929	San Diego, Calif	62	5	1,401	1
Philadelphia, Pa. <sup>3</sup>	8,810	7,949	18,420	3,349	El Segundo, Calif		406	827	794
Baltimore, Md	5,943	9,879	6,486	696	Ventura, Calif				729
Hampton Roads, Va.	1,516	6,035	1,596	12,295	Elliwood, Calif				243
Wilmington, N. C.	52	54	1,716	21	Capitan, Santa Barbara County, Calif				393
Charleston, S. C.	1,054	1,836	1,186	38	Estero Bay, Calif		577		2,495
Savannah, Ga	791	544	1,094	49	San Francisco Bay, Calif	1,050	3,106	6,944	8,119
Jacksonville, Fla.	494	173	1,233	6	Coos Bay, Oreg.		208	27	159
Hollywood (Port Everglades), Fla	320	109	547	67	Portland, Oreg.	28	840	4,477	270
Miami, Fla	303	46	392	1	Vancouver, Wash.	4	243	40	203
San Juan, P. R.	329	26	999	416	Grays Harbor, Wash.		55	115	96
Ponce Harbor, P. R.	14	56	170	74	Port Gamble, Wash		6	90	135
St. Thomas, V. I.	123	150	95	15	Olympia, Wash.		13	328	726
<b>Gulf ports<sup>1</sup></b>	<b>4,399</b>	<b>23,836</b>	<b>8,313</b>	<b>84,377</b>	Tacoma, Wash.	173	438	1,164	724
Charlotte, Fla.		46		418	Seattle, Wash.	231	821	4,159	1,431
Tampa, Fla	189	354	1,907	572	Bellingham, Wash.	79	34	258	129
St. Josephs, Fla.			1,216		Port Angeles, Wash	113	2	354	149
Pensacola, Fla	91	1,536	1		Port Townsend, Wash	123		335	23
Mobile, Ala.	1,523	1,677	567	466	Everett, Wash.	95	1	574	150
					Honolulu, Hawaii	39	101	3,632	1,314
					Hilo, Hawaii			222	256
					Kahului, Hawaii			178	294

<sup>1</sup> Totals include data for ports not shown separately.

<sup>2</sup> Less than 500 tons.

<sup>3</sup> Including Delaware River, Philadelphia to the sea, and Schuylkill River, Pa.

<sup>4</sup> Including Calcasieu River and Pass.

Source: Department of the Army, Corps of Engineers; Annual Report of Chief of Engineers, Part II.

## No. 604.—COMMERCE OF PRINCIPAL GREAT LAKES PORTS: 1943 TO 1946

[In thousands of short tons of 2,000 pounds. Foreign imports and exports and coastwise receipts and shipments are included]

PORT	RECEIPTS				SHIPMENTS			
	1943	1944	1945	1946	1943	1944	1945	1946
<b>Total</b> .....	166,497	173,026	164,394	143,808	183,979	188,643	178,669	157,776
Agate Bay, Minn.....	280	207	200	200	21,373	21,432	19,535	15,442
Alpena, Mich.....	177	188	200	317	2,789	2,604	1,902	1,704
Ashland, Wis.....	681	699	675	825	6,051	6,185	4,779	4,115
Ashtabula, Ohio.....	10,526	9,434	8,147	7,986	4,562	6,048	5,097	4,047
Buffalo, N. Y.....	17,988	19,730	19,802	13,479	1,249	1,322	1,434	1,572
Buffington, Ind.....	542	410	576	784	51	59	56	92
Calcite, Mich.....	122	100	122	109	9,021	8,622	9,590	10,800
Chicago, Ill. <sup>1</sup> .....	15,025	15,868	13,344	11,060	1,571	2,213	1,471	2,035
Cleveland, Ohio.....	18,819	18,577	17,018	14,381	1,467	1,540	1,268	1,703
Conneaut, Ohio.....	13,327	13,146	11,765	9,492	2,111	2,348	2,156	2,384
Detour, Mich.....	532	575	579	417	3	6	6	264
Detroit, Mich.....	15,033	15,591	14,705	14,522	483	557	473	733
Duluth-Superior.....	11,741	12,071	10,767	11,992	56,849	55,060	54,564	42,207
Erie, Pa.....	5,691	6,787	7,033	3,865	1,345	1,787	1,930	1,766
Escanaba, Mich.....	325	348	344	356	7,022	6,408	5,191	3,286
Fairport, Ohio.....	3,241	2,993	2,802	1,819	1,107	1,795	1,598	1,312
Frankfort, Mich.....	1,348	1,247	1,197	1,171	577	544	613	507
Gary, Ind.....	8,931	10,288	10,538	8,560	-----	12	25	70
Grand Haven, Mich.....	99	134	137	128	420	347	391	548
Great Sodus Bay, N. Y.....	-----	-----	-----	-----	1,957	1,640	1,465	1,371
Green Bay, Wis.....	2,376	2,547	2,549	2,945	2	2	2	3
Huron, Ohio.....	1,525	970	833	976	1,035	512	379	729
Indiana Harbor, Ind.....	7,972	9,295	9,050	6,967	4,115	3,937	3,884	4,166
Kewaunee, Wis.....	422	401	409	295	788	702	618	599
Lorain, Ohio.....	7,347	6,257	6,452	5,932	2,365	2,782	3,063	2,483
Ludington, Mich.....	1,616	1,580	1,685	1,576	1,355	1,332	1,312	1,222
Manistee, Mich.....	232	240	257	239	640	606	479	500
Manitowoc, Wis.....	996	1,095	1,141	1,054	931	925	953	953
Marblehead, Ohio.....	5	-----	-----	1,024	969	1,061	613	-----
Marquette, Mich.....	179	189	197	192	665	342	563	377
Marysville, Mich.....	432	525	429	500	18	34	20	26
Menominee, Mich. and Wis.....	509	664	640	714	107	96	102	115
Milwaukee, Wis.....	6,060	6,439	6,242	6,299	1,577	1,570	1,743	1,896
Muskegon, Mich.....	1,298	1,193	1,197	1,382	884	863	824	977
Ogdensburg, N. Y.....	227	216	227	274	226	178	152	243
Oswego, N. Y.....	568	891	1,263	901	1,639	1,123	840	547
Port Inland Harbor, Mich.....	3	3	3	1	3,653	3,698	3,490	2,781
Port Washington, Wis.....	184	468	402	412	-----	-----	-----	-----
Presque Isle, Mich.....	-----	-----	-----	-----	3,546	3,795	3,747	2,447
Rochester (Charlotte), N. Y.....	183	168	224	249	1,871	1,774	1,902	1,689
Rockport, Mich.....	10	8	14	7	573	674	740	958
Saginaw River, Mich.....	1,843	2,083	2,188	2,341	106	104	63	117
Sandusky, Ohio.....	12	9	5	12	10,658	14,242	13,132	12,236
Sheboygan, Wis.....	442	549	605	568	-----	-----	-----	-----
Toledo, Ohio.....	3,608	4,820	4,478	3,549	25,293	26,921	25,547	25,839
Tonawanda, N. Y.....	441	453	415	454	13	19	15	6
All other.....	3,580	3,565	3,543	3,483	944	826	924	1,140

<sup>1</sup> Includes Chicago Harbor and River, Calumet Harbor and River, Lake Calumet, Calumet-Sag Canal, and Chicago Sanitary and Ship Canal to Sag Junction.

Source: Department of the Army, Corps of Engineers; Annual Report of Chief of Engineers, Part II.



### No. 605.—FREIGHT AND PASSENGER TRAFFIC ON ST. MARYS FALLS CANAL (SAULT STE. MARIE): 1890 TO 1946

[Includes both American and Canadian canals and traffic to and from Canadian as well as American ports. Average distances, ton-miles, freight charges, etc., based on total haul from port of origin to port of destination in process of performance by vessels passing through canals]

SEASON	FREIGHT CARRIED (1,000 SHORT TONS OF 2,000 POUNDS)					Total ton- miles (mil- lions)	FREIGHT CHARGES	
	Total	East- bound	West- bound	By Ameri- can vessels	By Cana- dian and other foreign vessels		Amount (1,000 dollars)	Average per ton per mile (mills)
1890.....	2,041	6,429	2,612	8,679	362	7,207	9,472	1.30
1895.....	15,063	12,030	3,033	14,497	566	12,503	14,239	1.14
1900.....	25,643	20,532	5,111	24,896	747	21,179	24,953	1.18
1905.....	44,271	36,779	7,492	42,061	2,210	36,893	31,421	.85
1910.....	62,363	47,184	15,229	58,599	3,764	52,408	38,711	.74
1915.....	71,290	56,369	14,921	66,877	4,413	60,317	41,964	.71
1920.....	79,282	63,464	15,818	74,866	4,416	64,702	85,742	1.33
1925.....	81,875	67,305	14,570	75,764	6,111	65,577	71,093	1.08
1930.....	72,898	57,067	15,831	67,599	5,338	59,056	61,159	1.04
1933.....	40,308	30,544	9,764	33,967	6,340	33,139	33,807	1.02
1934.....	42,248	30,455	11,793	36,218	6,030	34,412	35,153	1.02
1935.....	48,293	37,192	11,101	41,532	6,761	39,141	41,783	1.07
1936.....	69,529	54,843	14,686	61,185	8,344	56,322	58,963	1.05
1937.....	87,634	72,131	15,503	85,817	1,817	71,150	76,135	1.07
1938.....	40,043	29,063	10,980	37,775	2,268	32,922	35,314	1.10
1939.....	69,850	58,483	11,367	60,045	9,805	54,599	60,054	1.17
1940.....	89,360	76,694	12,666	79,116	10,244	71,807	74,118	1.03
1941.....	110,768	95,774	14,994	97,387	13,381	88,946	102,792	1.15
1942.....	120,119	104,139	15,980	106,256	14,864	95,908	111,470	1.16
1943.....	115,578	97,380	18,198	102,404	13,174	92,069	110,377	1.20
1944.....	116,965	98,480	18,505	103,579	13,406	93,424	122,786	1.31
1945.....	112,983	95,729	18,254	98,858	14,125	90,390	(1)	(1)
1946.....	91,687	72,614	18,973	89,648	1,939	(1)	(2)	(1)

COMMODITY	1920	1925	1930	1935	1940	1945	1946
Passengers carried.....number.....	68,451	56,956	45,308	NA	53,129	46,044	87,871
Freight, east-bound.....1,000 tons <sup>1</sup> .....	63,464	67,305	57,067	37,192	76,426	95,729	72,614
Flour.....do.....	748	829	853	684	480	108	70
Wheat.....do.....	4,304	3,785	7,318	6,388	6,660	14,436	7,357
Other grain.....do.....	1,236	3,163	1,204	876	1,067	3,031	2,156
Lumber.....do.....	358	367	303	72	47	2	.....
Pulpwood.....do.....	.....	.....	.....	239	692	619	788
Iron ore.....do.....	56,643	53,821	46,990	29,277	55,842	77,719	51,819
All other.....do.....	175	240	399	686	1,827	814	424
Freight, west-bound.....1,000 tons <sup>1</sup> .....	15,818	14,570	15,831	11,191	12,726	16,254	18,973
Coal.....do.....	14,156	12,874	14,069	9,162	10,174	NA	15,911
All other.....do.....	1,662	1,696	1,772	1,939	2,551	2,417	3,062

<sup>1</sup> Not available.      <sup>2</sup> Short tons of 2,000 pounds.

### No. 606.—FREIGHT AND PASSENGER TRAFFIC ON OHIO RIVER: 1936 TO 1946

YEAR	Short tons	Ton-miles	Value	Passengers carried <sup>1</sup>	YEAR	Short tons
	Thousands	Thousands	1,000 dollars	Number		Thou- sands
1936.....	24,384	2,652,870	279,377	1,668,974	1945—Total.....	23,868
1937.....	23,357	2,671,926	276,701	1,728,539	Up <sup>2</sup> .....	5,733
1938.....	20,587	2,578,825	278,394	1,583,360	Down <sup>3</sup> .....	7,134
1939.....	25,955	3,360,454	(4)	1,533,758	Inbound.....	17,970
1940.....	29,549	3,852,508	(5)	1,957,308	Outbound.....	2,978
1941.....	36,557	5,197,440	(6)	1,554,319	1946—Total.....	25,861
1942.....	38,281	5,299,847	(7)	1,034,180	Up <sup>2</sup> .....	5,996
1943.....	36,610	5,996,347	(8)	1,191,350	Down <sup>3</sup> .....	8,940
1944.....	37,801	7,004,056	(9)	1,148,294	Inbound.....	16,929
1945.....	33,868	6,064,699	(9)	1,145,627	Outbound.....	3,996
1946.....	35,861	4,999,580	(9)	1,053,611		

<sup>1</sup> No data included for ferry traffic.

<sup>2</sup> No data.

<sup>3</sup> Includes through traffic.

Source of tables 605 and 606: Department of the Army, Corps of Engineers; Annual Report, Chief of Engineers Part II, and records.

# No. 607.—COMMERCE ON PRINCIPAL RIVERS, CANALS, AND CONNECTING CHANNELS OF THE UNITED STATES: 1941 TO 1946

(In thousands of short tons of 2,000 pounds. Excludes general ferry traffic, car ferry traffic, and cargoes in transit.)

RIVER	1941	1942	1943	1944	1945	1946
Grand total, rivers, canals, and connecting channels	474,303	472,488	440,415	459,256	432,937	426,464
Grand total, rivers	218,682	218,632	198,378	199,895	188,411	194,966
Atlantic Coast rivers <sup>1</sup>	29,734	30,756	22,967	21,222	22,799	30,381
Connecticut River (below Hartford, Conn.)	1,539	1,094	874	1,054	1,116	1,400
Hudson River, N. Y. (mouth of Spuyten Duyvil Creek to Waterford, N. Y.)	10,197	6,965	4,036	3,303	5,747	9,181
Delaware River, Philadelphia to Tranton, N. J.	5,972	5,778	4,992	4,241	4,261	5,093
Potomac River (below Washington, D. C.)	3,304	3,451	2,086	1,838	1,985	1,971
James River, Va.	4,096	3,383	2,740	2,329	1,489	2,214
Cape Fear River at and below Wilmington, N. C.	2,624	892	650	1,052	1,169	2,103
Gulf Coast rivers <sup>1</sup>	15,451	15,149	13,606	9,828	11,242	18,966
Apalachicola, Chattahoochee, and Flint Rivers, Ga. and Fla.	373	402	821	1,438	1,021	233
Mobile River, Ala., tributaries	2,055	2,222	2,532	1,453	2,382	2,576
Black Warrior, Warrior, and Tombigbee Rivers, Ala.	2,297	2,187	1,633	1,440	1,492	1,372
Bayou Lafourche, La.	1,254	933	1,090	762	685	849
Petit Anse, Tigre, and Carlin Bayous, La.	346	253	263	735	1,019	1,104
Pacific Coast rivers <sup>1</sup>	34,179	34,185	34,400	32,943	30,156	30,642
San Joaquin River, Calif.	890	634	671	906	1,220	1,034
Sacramento River, Calif.	809	894	833	849	956	1,078
Columbia and Lower Willamette Rivers below Vancouver, Wash., and Portland, Oreg.	16,033	15,612	16,345	15,701	16,635	14,232
Columbia River from Vancouver, Wash., to The Dalles, Oreg.	2,058	2,106	1,843	1,509	1,417	1,836
Willamette River above Portland and Yamhill River, Oreg.	2,891	3,481	4,802	5,236	2,877	3,979
Snohomish River, Wash.	2,134	2,048	2,078	2,000	1,778	1,782
Mississippi River and tributaries <sup>1</sup>	129,066	123,411	127,098	135,172	123,902	123,291
Illinois Waterway, Ill.	6,736	8,790	6,445	7,804	8,591	6,914
Mississippi River, Minneapolis, Minn., to the Passes	36,854	36,242	37,842	44,671	43,969	41,308
Allegheny River, Pa.	3,287	2,817	2,964	2,797	2,416	2,565
Monongahela River, Pa., and W. Va.	31,357	33,836	30,816	30,769	26,556	25,420
Muskingum River, Ohio	1,135	1,172	1,402	1,291	498	297
Kanawha River, W. Va.	5,858	5,855	5,645	4,844	4,499	4,524
Ohio River, Pittsburgh to mouth <sup>2</sup>	26,557	28,281	35,610	37,601	33,868	35,551
Cumberland River, Tenn. and Ky.	1,059	1,226	712	774	814	1,027
Tennessee River, Tenn., Ala., and Ky.	3,094	2,837	2,889	2,348	2,162	2,399
Interior rivers and other waterways	322	330	297	322	313	296
Grand total, canals and connecting channels	255,621	258,656	242,037	259,671	244,526	231,498
Federal canals and connecting channels <sup>1</sup>	247,036	250,063	233,689	245,569	239,889	229,944
Cape Cod Canal, Mass.	10,867	18,090	16,513	18,851	14,684	10,656
Inland waterway from Delaware River to Chesapeake Bay, Del. and Md.	4,062	10,827	7,430	5,854	3,000	3,008
Waterway from Winyah Bay to Charleston, S. C.	272	428	577	796	518	341
Waterway from Charleston to Beaufort, S. C.	155	245	587	855	591	129
Waterway between Beaufort, S. C., and St. Johns River, Fla.	818	742	1,337	1,901	1,497	596
Gulf County Canal, Fla.	131	569	819	905	806	116
Lake Charles Deep Water Channel, La.	10,289	12,346	11,418	13,340	10,288	6,854
Intracoastal Waterway, Mississippi River to Atchafalaya River, La., alternate route	1,540	3,477	3,294	2,358	1,603	1,533
Gulf Intracoastal Waterway, Apalachee Bay, Fla., to the Mexican border <sup>3</sup>	17,360	31,268	22,043	24,065	22,046	20,457
Sabine-Neches Waterway, Tex.	29,982	20,536	14,532	16,545	26,318	42,505
Channel from Aransas Pass (Port Aransas) to Corpus Christi, Tex.	13,801	6,710	7,375	9,554	12,074	19,885
Detroit River, Mich. <sup>4</sup>	19,657	16,373	16,768	17,319	16,533	16,292
St. Marys Falls Canal, Mich. <sup>5</sup>	110,768	120,119	115,578	116,985	112,983	91,567
Grays Reef Passage, Mich.	5,823	5,124	5,384	5,985	4,905	5,217
Lake Washington Ship Canal, Wash.	2,723	2,947	2,360	3,006	2,183	2,167
Multnomah Channel, Oreg.	1,901	1,639	2,412	2,750	2,263	1,406
State and private canals <sup>1</sup>	8,585	8,593	8,347	5,103	4,646	4,454
New York State Barge Canal <sup>6</sup>	4,503	3,539	2,824	2,507	2,969	—
Navigation Canal, Inner Harbor, La.	3,841	4,784	5,558	2,388	1,430	1,276

<sup>1</sup> Totals include data for rivers or canals and connecting channels not shown separately.<sup>2</sup> See also table 606.<sup>3</sup> Figures are for Intracoastal Waterway, St. Marks River, Fla., to Corpus Christi, Tex., through 1942.<sup>4</sup> Actual traffic through Detroit River amounted to 110,864,000 in 1946, of which 16,292,000 tons represented traffic of ports on Detroit River. Remainder was through traffic including that of St. Marys Falls Canal.<sup>5</sup> See also table 606.<sup>6</sup> See also table 602.

Source: Department of the Army, Corps of Engineers; Annual Report of Chief of Engineers, Part II.

No. 608.—AMERICAN FLAG STEAM AND MOTOR MERCHANT VESSELS: 1935 TO 1946

[Dead weight tonnage in thousands. Covers vessels of 1,000 gross tons and over engaged in foreign and domestic trade, and inactive vessels. Excludes special types and vessels employed on Great Lakes. Data as of June 30, except 1946 (as of Sept. 30)]

YEAR AND VESSEL	ALL VESSELS		ACTIVE VESSELS										INACTIVE VESSELS		SPECIAL SERVICE			
	Num-ber	Dead weight tons	Total		Foreign trade		Domestic trade				Noncontiguous		Num-ber	Dead weight tons				
			Num-ber	Dead weight tons	Num-ber	Dead weight tons	Total		Coastwise		Intercoastal							
							Num-ber	Dead weight tons	Num-ber	Dead weight tons	Num-ber	Dead weight tons						
1935.....	1,637	12,899	1,143	9,173	434	3,748	709	5,425	483	3,479	156	1,510	65	436	492	3,615	2	21
Combination.....	217	1,347	176	1,099	108	802	68	296	47	149	7	83	14	64	41	248	.....	.....
Cargo.....	1,065	7,847	643	4,720	283	2,096	390	2,624	215	1,085	131	1,227	44	312	420	3,106	2	21
Tankers.....	355	3,615	324	3,354	73	850	251	2,504	226	2,245	18	200	7	60	31	261	.....	.....
1936.....	1,563	12,323	1,206	9,672	430	3,714	776	5,958	537	3,878	172	1,640	67	439	355	2,626	2	25
Combination.....	201	1,261	171	1,083	104	770	67	313	46	170	7	78	14	65	30	198	.....	.....
Cargo.....	1,007	7,405	692	5,047	250	2,087	442	2,961	243	1,227	150	1,393	49	341	313	2,333	2	25
Tankers.....	355	3,637	343	3,541	76	857	267	2,684	248	2,482	15	169	4	33	12	95	.....	.....
1937.....	1,517	12,335	1,231	10,251	426	3,643	805	6,606	563	4,467	164	1,607	78	534	286	2,665	.....	.....
Combination.....	185	1,204	159	1,051	99	753	60	298	40	147	7	87	13	64	26	153	.....	.....
Cargo.....	975	7,231	721	5,344	275	2,286	446	3,058	241	1,253	145	1,373	60	433	254	1,887	.....	.....
Tankers.....	357	3,900	351	3,856	52	604	299	3,252	282	3,067	12	147	5	37	6	44	.....	.....
1938.....	1,422	11,814	1,060	9,019	366	3,301	694	5,718	494	3,946	121	1,207	79	565	362	2,795	.....	.....
Combination.....	167	1,108	125	764	76	562	49	202	38	145	1	9	10	48	42	344	.....	.....
Cargo.....	882	6,557	592	4,436	213	1,808	379	2,629	205	1,073	111	1,082	63	474	290	2,121	.....	.....
Tankers.....	373	4,149	343	3,819	77	931	266	2,888	251	2,728	9	116	6	43	30	330	.....	.....
1939.....	1,398	11,699	1,091	9,303	319	2,804	772	6,499	543	4,359	165	1,641	64	500	306	2,391	1	5
Combination.....	163	1,079	131	856	78	621	53	235	37	139	6	47	10	49	32	224	.....	.....
Cargo.....	851	6,364	608	4,540	193	1,619	415	2,921	229	1,197	137	1,331	49	393	242	1,819	1	5
Tankers.....	384	4,256	352	3,908	48	565	304	3,343	277	3,022	22	263	5	57	32	348	.....	.....
1940.....	1,300	11,019	1,118	9,643	425	3,749	693	5,893	500	4,172	122	1,189	71	532	181	1,967	1	10
Combination.....	140	873	112	696	66	514	46	182	36	129	1	8	9	45	28	176	.....	.....
Cargo.....	790	6,020	641	4,882	291	2,443	350	2,438	188	988	109	1,033	53	417	148	1,129	1	10
Tankers.....	370	4,126	365	4,065	68	791	297	3,273	276	3,054	12	148	9	70	5	62	.....	.....
1941.....	1,168	10,006	1,134	9,888	471	4,052	663	5,836	488	4,261	94	947	81	628	31	177	3	31
Combination.....	94	541	87	513	43	348	44	165	34	118	.....	.....	10	47	6	15	1	13
Cargo.....	716	5,472	691	5,306	358	2,966	333	2,340	179	937	90	890	64	512	23	148	2	18
Tankers.....	358	4,063	356	4,070	70	739	286	3,331	275	3,205	4	56	7	69	2	13	.....	.....
1946.....	4,422	46,549	2,322	25,409	1,899	26,593	442	4,897	297	3,483	54	583	91	761	2,099	21,149	.....	.....
Combination.....	86	555	25	166	15	128	10	38	.....	.....	.....	.....	10	38	61	389	.....	.....
Cargo.....	3,442	33,380	1,833	18,111	1,607	16,201	226	1,910	101	730	53	561	72	619	1,009	15,269	.....	.....
Tankers.....	894	12,605	474	7,123	1,268	4,264	206	2,859	196	2,753	1	2	9	104	420	5,482	.....	.....

Source: U. S. Maritime Commission, records.

# No. 609.—MERCHANT AND MILITARY-TYPE VESSELS DELIVERED UNDER UNITED STATES MARITIME COMMISSION SHIPBUILDING PROGRAM—NUMBER AND DEAD WEIGHT TONNAGE: 1939 TO 1947

[Includes vessels built for foreign and private account]

TYPE	1939-1947, total		1942		1943		1944		1945		1946		1947	
	Num-ber	Dead weight tons	Num-ber	Dead weight tons	Num-ber	Dead weight tons	Num-ber	Dead weight tons	Num-ber	Dead weight tons	Num-ber	Dead weight tons	Num-ber	Dead weight tons
<b>Total<sup>1</sup></b>	5,913	57,517,360	760	3,044,527	1,950	19,211,991	1,796	16,299,965	1,697	16,898,154	93	962,766	38	312,379
<b>Major types, total</b>	4,479	51,474,416	702	7,771,999	1,890	17,935,066	1,174	12,867,561	717	8,694,927	67	779,975	35	305,870
Dry cargo, total	3,762	40,057,148	641	6,789,681	1,376	14,691,366	950	10,135,321	585	6,119,230	65	754,675	34	278,870
Standard cargo <sup>2</sup>	604	6,042,078	43	377,871	139	1,330,246	124	1,209,321	111	1,205,670	58	669,437	27	211,261
Emergency cargo	3,122	33,674,106	597	6,401,816	1,238	13,361,121	826	8,926,000	464	4,913,600				
Liberty type	2,708	29,182,456	597	6,401,816	1,238	13,361,121	722	7,797,600	144	1,550,400				
Victory type	414	4,491,650					104	1,128,400	310	3,363,200				
Combination—Passenger and cargo	35	326,564	1	9,976										
Passenger	1	14,400											7	67,619
Tankers, total	708	11,417,262	61	962,309	214	3,233,700	224	3,732,240	162	2,565,707	2	26,300	1	27,000
Standard tankers	646	10,747,662	61	962,309	167	2,618,100	219	3,678,240	152	2,565,707	2	26,300	1	27,000
Emergency tankers	62	669,600			57	615,600	5	54,000						
Minor types, total	765	2,648,318	24	106,560	204	654,632	237	650,347	243	1,190,519	21	36,361	3	6,699
Barges	123	454,631			58	232,637	62	221,110	3	894				
Concrete	80	367,639			27	170,237	51	196,706	2	894				
Steel	2	( <sup>3</sup> )					1	( <sup>3</sup> )						
Wooden	41	86,992			31	62,400	10	24,402						
Car floats	35	26,876					35	26,876						
Coastal cargo <sup>4</sup>	367	1,408,364	5	14,000	31	87,411	72	285,951	228	1,054,945	19	21,161	1	2,000
Coastal tanker	60	226,261			20	78,266	6	7,416	31	134,660			2	4,800
Concrete cargo	24	116,714			2	9,616	22	107,096						
Tugs	124		14		68		41		1					
Ore carrier	21	343,940	5	92,260	16	281,680								
Cable ships	2	9,800												
Military types	587	3,394,628	24	166,277	156	632,293	375	1,781,577	117	722,708	2	9,800		
Passenger and cargo	11	66,130	8	45,599	3	19,621					5	91,778		
Transport	273	1,618,699	2	14,400	22	123,522	163	962,612	66	308,165				
Tender	3	14,731	2	14,731										
Frigates	96	96,000			20	20,000	67	67,000						
Tank carrier	75	171,450	16	34,290	60	137,160								
Aircraft carrier	88	191,131	4	23,094	23	78,320	31	89,807						
Cargo	96	556,471	2	17,236	9	69,410	52	326,552	28	148,271				
Tanker	77	789,023	1	16,615	10	175,390	43	315,606	18	181,272	5	91,770		

<sup>1</sup> Excludes 1,216 small craft for which dead weight tonnage is not available.

<sup>2</sup> Excludes 33 vessels of 260,800 dead weight tons for which contracts were taken over by U. S. Navy before completion.

<sup>3</sup> Excludes 14 vessels of 39,200 dead weight tons originally under U. S. M. C. contract and later taken over by U. S. Navy for completion. <sup>4</sup> Vessels of 12,100 dead weight tons were completed by Navy and delivered to U. S. M. C.

Source: U. S. Maritime Commission, records.

## No. 610.—UNITED STATES MERCHANT MARINE—SUMMARY: 1789 to 1947

[For definition of "gross ton" see general note, p. 551]

JUNE 30 (EXCEPT AS INDICATED)	NUMBER			THOUSANDS OF GROSS TONS			TONNAGE (THOUSANDS OF GROSS TONS) EMPLOYED IN—			
	Total	Steam and motor	All other <sup>1</sup>	Total	Steam and motor	All other <sup>1</sup>	Foreign trade (except Great Lakes)	Coastwise internal and Lake trade	Whale fisheries	Cod fisheries
1789 (Dec. 31)				202		202	124	69		9
1800 (Dec. 31)				972		972	667	272	3	30
1810 (Dec. 31)				1,425		1,425	981		4	35
1820 (Dec. 31) <sup>2</sup>				1,280		1,280	584	588	36	72
1830 (Dec. 31) <sup>2</sup>				1,182	64	1,127	538	517	40	98
1840 (Sept. 30)				2,181	203	1,978	763	1,177	137	104
1860				3,635	526	3,010	1,440	1,798	146	152
1900				5,354	868	4,486	2,379	2,645	167	163
1870	28,998	3,524	25,474	4,247	1,073	3,171	1,449	2,638	68	91
1880	24,712	4,717	19,995	4,068	1,212	2,856	1,314	2,638	38	78
1890	23,467	5,965	17,502	4,424	1,869	2,555	928	3,409	19	68
1900	23,333	7,053	16,280	5,165	2,653	2,507	817	4,287	10	52
1910	25,740	12,452	13,288	7,508	4,909	2,608	783	6,699	9	47
1915	26,701	15,948	10,753	8,389	5,944	2,445	1,363	6,486	9	32
1920	28,183	18,814	9,369	16,834	13,823	2,501	9,925	6,358	4	38
1925	26,367	18,637	7,730	17,406	14,976	2,430	8,151	9,216	4	35
1930	25,214	18,211	7,003	16,068	13,767	2,311	6,296	9,723	7	43
1935	24,919	18,495	6,424	14,654	12,535	2,118	4,560	10,049	9	35
1938	27,155	19,349	7,806	14,651	12,007	2,644	3,551	11,064	21	16
1939	27,470	19,606	7,864	14,632	11,952	2,680	3,312	11,286	21	11
1940	27,312	19,504	7,708	14,018	11,353	2,665	3,438	10,352	20	8
1941 (Jan. 1)	27,075	19,382	7,693	13,722	11,047	2,675	3,047	10,654	14	7
1942 (Jan. 1)	27,325	19,471	7,854	13,860	11,072	2,788	4,109	9,744	3	6
1943 (Jan. 1)	27,612	19,974	7,638	15,762	14,062	2,710	9,285	7,471	2	5
1944 (Jan. 1)	28,690	21,511	7,179	25,795	23,217	2,579	18,683	7,105	1	4
1945 (Jan. 1)	29,797	22,772	7,025	32,813	30,247	2,566	26,043	6,766	1	3
1946 (Jan. 1)	31,386	24,355	7,031	38,501	35,927	2,573	29,730	8,768	1	3
1947 (Jan. 1)	32,760	25,532	7,228	37,532	35,149	2,684	28,534	11,274	1	3

CLASSES	NUMBER					THOUSANDS OF GROSS TONS				
	1930 (June 30)	1941 (Jan. 1)	1945 (Jan. 1)	1946 (Jan. 1)	1947 (Jan. 1)	1930 (June 30)	1941 (Jan. 1)	1945 (Jan. 1)	1946 (Jan. 1)	1947 (Jan. 1)
By utilization:										
Registered—										
Foreign trade (except Great Lakes)	4,175	1,361	4,515	5,043	4,630	6,296	3,047	25,043	29,730	28,534
Whale fisheries	14	10	7	6	6	7	14	1	1	1
Enrolled—										
Coastwise and internal trade	12,497	14,523	13,351	14,003	14,984	9,608	10,493	6,505	8,587	11,061
Cod fisheries	261	45				36	6			
Licensed—										
Coastwise and internal trade	8,004	11,108	11,991	12,334	13,181	115	161	174	182	196
Cod fisheries	263	28				6	1			
By location:										
Atlantic and Gulf <sup>3</sup>	14,321	16,627	17,765	18,646	19,630	9,904	9,812	15,658	21,571	22,173
Pacific <sup>4</sup>	6,408	6,727	8,193	8,809	9,109	3,227	1,964	11,648	14,258	13,064
Northern lakes	2,450	2,023	1,819	1,880	1,904	2,758	1,641	2,061	2,183	2,091
Western rivers	1,977	1,098	2,020	2,051	2,117	176	306	445	489	503
By rig:										
Steam	6,067	3,796	5,643	6,300	5,971	12,775	9,514	28,069	33,779	32,940
Motor	12,124	15,686	17,129	18,155	19,561	962	1,233	1,578	2,149	2,208
Sailing	1,584	517	397	353	343	757	182	115	97	95
Unrigged	5,419	7,176	6,628	6,678	6,865	1,554	2,493	2,452	2,475	2,585

<sup>1</sup> Sailing vessels, barges, scows, dredges, and canal boats.<sup>2</sup> Decrease of tonnage arises principally from registered tonnage having been corrected in 1818, 1829, and 1830 by omitting all vessels with registers granted prior to 1815, which were presumed to have been lost at sea, captured, etc.<sup>3</sup> Including Puerto Rico and Virgin Islands.<sup>4</sup> Including Hawaii and Alaska.

Source: Prior to 1942, Department of Commerce, Bureau of Marine Inspection and Navigation; thereafter, Treasury Department, Bureau of Customs; annual report, Merchant Marine Statistics.

No. 611.—U. S. MERCHANT MARINE—NUMBER AND GROSS TONNAGE OF VESSELS ON JAN. 1, 1947, BY YEAR OF BUILD

YEAR OF BUILD	Number	Gross tons	YEAR OF BUILD	Number	Gross tons
Total.....	32,760	37,832,562	1900.....	190	87,350
Unknown.....	1,033	159,330	1901.....	211	89,209
1849.....	1	19	1902.....	200	110,906
1851.....	1	14	1903.....	227	109,643
1852.....	1	14	1904.....	210	81,005
1853.....	1	46	1905.....	267	200,038
1857.....	3	191	1906.....	300	290,961
1859.....	1	24	1907.....	336	306,112
1862.....	1	36	1908.....	327	214,000
1863.....	2	1,386	1909.....	309	179,442
1864.....	1	225	1910.....	314	171,514
1865.....	4	121	1911.....	403	124,022
1866.....	7	1,181	1912.....	485	140,213
1867.....	7	197	1913.....	487	196,520
1868.....	7	1,720	1914.....	424	110,270
1869.....	6	329	1915.....	400	90,396
1870.....	5	3,873	1916.....	434	201,509
1871.....	13	651	1917.....	660	324,688
1872.....	8	453	1918.....	607	363,107
1873.....	10	1,613	1919.....	662	587,709
1874.....	10	963	1920.....	631	621,514
1875.....	11	917	1921.....	401	513,390
1876.....	9	455	1922.....	388	126,230
1877.....	9	3,244	1923.....	506	164,642
1878.....	15	3,742	1924.....	641	161,313
1879.....	14	2,934	1925.....	720	161,046
1880.....	13	2,830	1926.....	757	163,028
1881.....	37	4,552	1927.....	865	259,107
1882.....	45	3,932	1928.....	850	213,877
1883.....	44	2,780	1929.....	906	191,213
1884.....	44	6,915	1930.....	808	208,874
1885.....	34	3,098	1931.....	534	145,679
1886.....	33	2,394	1932.....	400	140,590
1887.....	39	5,001	1933.....	315	55,118
1888.....	51	7,659	1934.....	425	43,626
1889.....	40	4,997	1935.....	580	62,829
1890.....	45	7,053	1936.....	791	143,974
1891.....	81	16,667	1937.....	897	236,205
1892.....	64	10,496	1938.....	793	171,889
1893.....	70	20,527	1939.....	791	215,159
1894.....	35	3,263	1940.....	904	397,608
1895.....	50	8,459	1941.....	868	538,992
1896.....	82	49,848	1942.....	1,162	3,872,312
1897.....	81	38,712	1943.....	1,955	9,801,006
1898.....	126	50,849	1944.....	1,900	7,944,396
1899.....	133	63,143	1945.....	1,917	6,253,213
			1946.....	1,275	548,262

No. 612.—U. S. MERCHANT MARINE—NUMBER AND GROSS TONNAGE OF VESSELS ON JAN. 1, 1947, BY TONNAGE GROUPINGS

TONNAGE GROUPINGS	TOTAL		STEAM VESSELS		MOTOR VESSELS		SAILING VESSELS		UNRIGGED VESSELS	
	Num-ber	Thou-sands of gross tons	Num-ber	Thou-sands of gross tons	Num-ber	Thou-sands of gross tons	Num-ber	Thou-sands of gross tons	Num-ber	Thou-sands of gross tons
Total.....	32,760	37,832	5,971	32,949	19,561	2,208	343	95	6,885	2,588
5 to 49 tons.....	17,193	310	124	3	16,026	280	254	4	789	21
50 to 99 tons.....	2,370	168	308	24	1,739	120	20	1	303	21
100 to 499 tons.....	6,506	1,794	825	188	1,329	250	19	5	4,333	1,350
500 to 999 tons.....	1,506	973	171	119	93	60	18	14	1,224	778
1,000 to 2,499 tons.....	563	849	223	371	114	144	26	46	200	286
2,500 to 4,999 tons.....	477	1,836	279	1,099	160	606	6	22	32	107
5,000 to 9,999 tons.....	3,561	25,641	3,470	25,024	87	595			4	21
10,000 to 19,999 tons.....	578	6,123	565	5,973	13	150				
20,000 tons and over.....	6	134	6	134						

Source of tables 611 and 612: Treasury Department, Bureau of Customs; annual report, Merchant Marine Statistics.



# No. 618.—MERCHANT VESSELS LAUNCHED IN THE WORLD AND IN THE UNITED STATES: 1910 TO 1947

[Vessels of 100 gross tons and over. For definition of "gross ton" see general note, p. 551. For period of Second World War (1939-45), figures exclude any information from enemy and enemy-occupied countries, as well as from Russia. Returns are still not available from Danzig, Germany, Hungary, Japan, or Poland]

CALENDAR YEAR	WORLD				UNITED STATES	
	Total		Steam and motor			
	Number	Gross tons	Number	Gross tons	Number	Gross tons
1910-1914, average.....	1,533	2,739,079	1,180	2,631,779	162	252,864
1915-1920, average <sup>1</sup> .....	1,488	4,046,860	1,296	3,918,746	518	1,877,382
1921-1925, average.....	942	2,581,653	830	2,531,592	99	315,114
1926-1930, average.....	873	2,468,515	808	2,427,929	74	158,788
1931-1935, average.....	484	1,020,444	461	1,010,567	25	83,485
1931.....	596	1,617,115	569	1,603,551	57	205,865
1932.....	307	726,591	295	724,287	18	143,559
1933.....	330	489,016	311	479,559	14	10,771
1934.....	536	967,419	514	954,777	21	24,625
1935.....	649	1,302,080	617	1,290,660	14	32,607
1936.....	999	2,117,924	946	2,080,222	69	111,885
1937.....	1,101	2,690,580	1,011	2,642,748	123	239,445
1938.....	1,119	3,033,593	1,029	2,975,942	105	201,251
1939.....	941	2,539,424	821	2,474,312	170	421,969
1940.....	495	1,754,198	399	1,707,028	167	579,410
1941.....	564	2,498,061	510	2,491,173	187	1,035,239
1942.....	1,359	7,828,705	1,300	7,815,369	861	5,670,820
1943.....	2,122	13,893,978	2,078	13,884,776	1,625	11,579,522
1944.....	1,822	11,182,310	1,738	11,169,503	1,261	9,339,067
1945.....	1,344	7,197,402	1,326	7,192,679	880	5,967,581
1946.....	747	2,127,421	690	2,114,702	96	501,294
1947.....	837	2,111,886	787	2,102,621	70	164,848

<sup>1</sup> Figures covering war period are for allied and neutral countries.

Source: Lloyd's Register of Shipping, London; Annual Summary of Mercantile Shipbuilding of the World.

# No. 614.—MERCHANT MARINE OF THE WORLD AND OF THE UNITED STATES

[Vessels of 100 tons and over. Prior to 1919 tonnage figures are gross for steamers and net for sailing vessels, thereafter gross for both. Wooden vessels on Great Lakes and vessels on Caspian Sea excluded. Japanese sailing vessels and most sailing vessels belonging to Greece, Turkey, and southern Russia excluded. Figures for Philippine Islands included with United States, 1910-39. See general note, p. 551. Data not compiled during last war period]

YEAR	World total	United States	YEAR	World total	United States	YEAR	World total	United States
	1,000 tons	1,000 tons		1,000 tons	1,000 tons		1,000 tons	1,000 tons
1895.....	25,086	2,165	1920.....	57,314	16,049	1936.....	65,064	12,557
1900.....	28,957	2,750	1925.....	64,641	15,377	1937.....	66,286	12,429
1905.....	35,998	3,996	1930.....	69,608	14,046	1938.....	67,847	12,050
1910.....	41,915	5,059	1934.....	65,577	13,045	1939.....	69,440	12,003
1915.....	49,262	5,893	1935.....	64,886	12,852	1947.....	84,356	32,891

ITEM	NUMBER					THOUSANDS OF TONS (SEE HEADNOTE)					
	1910	1920	1930	1939	1947	1910	1914	1920	1930	1939	1947
World total.....	30,058	31,595	32,713	31,186	30,633	41,915	49,090	57,314	69,608	69,440	84,356
Steam and motor.....	22,008	26,513	29,996	29,763	29,463	37,291	45,404	53,905	68,024	68,509	83,514
Steel and iron.....	20,403	23,382	27,595	27,507	26,906	33,769	44,934	51,661	67,304	68,007	82,986
Wood and composite.....	1,605	3,131	2,401	2,256	2,557	521	470	2,244	720	503	528
Sailing.....	8,050	5,082	2,717	1,423	1,170	4,624	3,686	3,409	1,584	930	842
Steel and iron.....	2,115	1,314	742	743	748	2,508	2,095	1,524	654	572	618
Wood and composite.....	5,935	3,768	1,975	680	422	2,116	1,590	1,885	930	358	224
United States.....	3,469	5,457	4,223	3,375	5,901	5,059	5,368	16,046	14,046	12,003	32,891
Steam and motor.....	1,712	4,110	3,517	2,958	5,580	3,827	4,330	14,574	13,202	11,490	32,423
Steel and iron.....	1,270	3,242	3,001	2,560	5,182	3,602	4,120	13,341	12,914	11,342	32,305
Wood and composite.....	442	868	516	398	398	226	210	1,234	288	148	118
Sailing.....	1,757	1,347	706	417	321	1,232	1,038	1,475	844	513	468
Steel and iron.....	139	154	147	187	193	245	236	304	288	272	316
Wood and composite.....	1,618	1,193	559	230	128	987	803	1,171	556	241	152

Source: Lloyd's Register of Shipping, London; Appendix to Lloyd's Register Book.

No. 619.—ESTIMATED AVERAGE MONTHLY EMPLOYMENT ON AMERICAN FLAG MERCHANT VESSELS: 1929 TO 1947

[Represents personnel employed on active steam and motor merchant vessels of 1,000 gross tons and over, engaged in deep-sea trades (overseas foreign, nearby foreign, intercoastal, and coastwise). Includes only combination passenger and freight, freight, and tanker vessels]

YEAR	Average monthly employment <sup>1</sup>	YEAR	Average monthly employment <sup>1</sup>	YEAR	Average monthly employment <sup>1</sup>
1929.....	63,825	1936.....	53,025	1943.....	76,800
1930.....	62,360	1937.....	57,170	1944.....	126,755
1931.....	57,180	1938.....	50,905	1945.....	158,755
1932.....	52,600	1939.....	52,445	1946.....	127,175
1933.....	54,620	1940.....	50,975	1947 (Oct.).....	100,000
1934.....	56,295	1941.....	50,225		
1935.....	56,575	1942.....	47,650		

<sup>1</sup> Includes masters of vessels; excludes personnel employed on vessels under bareboat charter, or owned by Army or Navy.

Source: U. S. Maritime Commission, records.

No. 620.—FOREIGN, INTERCOASTAL AND NONCONTIGUOUS COMMERCE—CARGO TONNAGE

[In thousands of cargo tons of 2,240 pounds. Excludes coastwise trade other than from Atlantic and Gulf to Pacific and vice versa]

CLASS	TOTAL, UNITED STATES PORTS <sup>1</sup>			ATLANTIC COAST PORTS			GULF COAST PORTS		
	1938	1939	1940	1938	1939	1940	1938	1939	1940
Total commerce.....	99,356	105,558	107,113	41,646	48,579	55,150	27,126	25,210	18,291
Inbound.....	41,294	47,854	49,102	28,144	32,440	33,292	4,380	4,515	5,592
Outbound.....	63,910	65,177	64,743	13,502	16,139	21,858	22,746	20,695	12,699
With foreign countries <sup>2</sup> .....	88,430	92,635	94,282	34,971	40,345	47,434	25,649	23,533	16,638
Imports.....	32,818	37,548	39,881	23,545	26,630	28,372	3,838	4,026	5,169
Exports.....	55,612	55,087	54,401	11,426	13,715	19,062	21,811	19,507	11,469
Intercoastal.....				5,024	6,469	5,857	824	1,004	875
Inbound.....	5,848	7,473	6,732	3,476	4,523	3,742	319	356	307
Outbound.....	5,848	7,473	6,732	1,548	1,946	2,115	505	648	568
With noncontiguous territories <sup>4</sup> .....	5,078	5,450	6,099	1,651	1,765	1,859	653	673	778
Imports.....	2,628	2,833	2,489	1,123	1,287	1,178	223	133	116
Exports.....	2,450	2,617	3,610	528	478	681	430	540	662
	PACIFIC COAST PORTS			GREAT LAKES PORTS			PORTS IN ALL TERRITORIES AND POSSESSIONS <sup>3</sup>		
	1938	1939	1940	1938	1939	1940			
Total commerce.....	22,599	24,602	22,084	13,833	14,640	18,320			
Inbound.....	5,565	6,455	6,454	3,205	4,444	3,764			
Outbound.....	17,034	18,147	15,630	10,628	10,196	14,556			
With foreign countries <sup>2</sup> .....	13,977	14,117	11,890	13,833	14,640	18,320			
Imports.....	2,230	2,448	2,576	3,205	4,444	3,764			
Exports.....	11,747	11,669	9,314	10,628	10,196	14,556			
Intercoastal.....	5,848	7,473	6,732						
Inbound.....	2,063	2,594	2,083						
Outbound.....	3,795	4,879	4,049						
With noncontiguous territories <sup>4</sup> .....	2,774	3,012	3,462				5,078	5,450	6,099
Imports.....	1,282	1,413	1,195				2,628	2,833	2,489
Exports.....	1,492	1,599	2,267				2,450	2,617	3,610

<sup>1</sup> Continental United States.                      <sup>2</sup> Duplication in intercoastal trade is eliminated.  
<sup>3</sup> In showing trade of continental United States ports, Philippine Islands, Virgin Islands, and Canal Zone are included with foreign countries.  
<sup>4</sup> Alaska, Hawaii, Puerto Rico, Guam, Samoa.                      <sup>5</sup> Territories and possessions named in notes 3 and 4.  
Source: U. S. Maritime Commission, records.

**No. 621.—WATER-BORNE IMPORTS AND EXPORTS—CARGO TONNAGE, BY FLAG OF CARRIER VESSEL, 1921 TO 1947, AND BY COASTAL DISTRICTS, 1940 TO 1947**

[In cargo tons of 2,240 pounds. This table and table 622 exclude cargoes (small in aggregate) carried by ships of less than 100 tons gross capacity]

YEAR AND DISTRICT	IMPORTS BY FLAG OF CARRIER VESSELS			EXPORTS BY FLAG OF CARRIER VESSELS		
	Total	American	Foreign	Total	American	Foreign
<b>Total:</b>						
1921.....	33,184,790	23,454,331	9,729,959	48,640,044	18,557,464	30,082,580
1925.....	43,135,154	21,214,626	21,920,528	49,665,499	15,716,692	33,949,807
1926.....	44,686,235	21,105,153	23,581,082	68,139,521	17,122,082	51,017,439
1927.....	42,182,967	21,457,968	20,724,999	56,935,465	18,695,246	38,240,219
1928.....	47,395,432	24,186,971	23,206,461	58,829,394	19,287,784	39,541,610
1929.....	50,985,224	25,231,728	25,753,496	57,475,357	17,920,748	39,554,609
1930.....	47,562,416	24,822,560	22,739,856	49,730,870	14,913,598	34,817,272
1931.....	35,864,286	17,114,174	18,750,112	40,049,246	11,068,284	28,980,962
1932.....	28,710,280	13,324,302	15,385,978	31,844,566	8,147,086	23,697,480
1933.....	28,560,967	11,017,462	15,549,505	32,385,530	8,354,909	24,030,641
1934.....	29,813,903	12,767,063	17,046,820	37,821,061	9,436,147	28,385,914
1935.....	33,965,678	14,125,363	19,840,315	38,145,865	8,740,017	29,405,848
1936.....	38,395,748	13,196,753	25,199,995	39,714,044	8,615,976	31,098,070
1937.....	42,062,821	13,363,422	28,699,399	54,557,725	10,882,780	43,674,945
1938.....	32,818,162	12,077,522	20,740,640	55,612,107	10,358,773	45,253,334
1939.....	37,548,452	11,124,084	26,424,368	55,086,843	9,425,952	45,660,891
1940.....	39,881,161	15,465,891	24,415,270	54,401,306	11,553,124	42,848,182
1942 <sup>1</sup> .....	24,458,000	16,535,000	8,923,000	37,205,000	14,498,000	22,717,000
1943 <sup>1</sup> .....	27,668,000	22,080,000	5,579,000	42,647,000	22,591,000	20,056,000
1944 <sup>1</sup> .....	29,730,000	23,401,000	6,349,000	49,299,000	30,359,000	18,940,000
1945 <sup>1</sup> .....	35,202,000	28,049,000	7,153,000	55,003,000	33,687,000	21,316,000
1946 <sup>2</sup> .....	43,921,000	28,886,000	15,034,000	77,605,000	44,424,000	33,179,000
1947 <sup>3</sup> .....	52,860,000	33,645,000	19,215,000	110,997,000	54,520,000	56,477,000
<b>Dry cargoes:</b>						
1940.....	26,323,665	9,686,891	16,636,774	41,690,815	9,726,208	31,964,607
1942.....	17,727,000	11,175,000	6,552,000	26,081,000	10,242,000	15,839,000
1943.....	19,730,000	15,443,000	4,287,000	27,641,000	16,221,000	11,420,000
1944.....	18,566,000	14,551,000	4,015,000	28,199,000	16,467,000	11,732,000
1945.....	19,389,000	16,226,000	4,163,000	38,935,000	24,707,000	12,228,000
1946 <sup>2</sup> .....	22,635,000	12,747,000	9,888,000	64,051,000	39,018,000	25,032,000
1947 <sup>3</sup> .....	28,634,000	15,492,000	13,142,000	97,636,000	49,772,000	47,863,000
<b>Tanker cargoes:</b>						
1940.....	13,557,496	5,779,000	7,778,496	12,710,491	1,826,916	10,883,575
1942.....	6,781,000	4,360,000	2,421,000	11,124,000	4,246,000	6,878,000
1943.....	7,938,000	6,646,000	1,292,000	15,006,000	6,370,000	8,636,000
1944.....	11,184,000	8,850,000	2,334,000	21,100,000	13,892,000	7,208,000
1945.....	15,813,000	12,823,000	2,990,000	18,068,000	8,960,000	9,088,000
1946 <sup>2</sup> .....	21,285,000	16,139,000	5,146,000	13,554,000	5,406,000	8,147,000
1947 <sup>3</sup> .....	24,226,000	18,153,000	6,073,000	13,362,000	4,748,000	8,614,000
<b>Atlantic ports:</b>						
1940.....	28,372,304	11,827,192	16,545,112	19,062,042	4,698,978	14,363,064
1942.....	15,900,000	9,870,000	6,030,000	19,753,000	5,906,000	13,847,000
1943.....	17,736,000	14,518,000	3,212,000	28,607,000	13,897,000	14,710,000
1944.....	21,422,000	17,237,000	4,185,000	35,360,000	21,119,000	14,241,000
1945.....	27,454,000	21,887,000	5,567,000	35,365,000	20,661,000	14,704,000
1946 <sup>2</sup> .....	33,968,000	( <sup>1</sup> )	( <sup>1</sup> )	33,431,000	( <sup>1</sup> )	( <sup>1</sup> )
1947 <sup>3</sup> .....	40,704,000	( <sup>1</sup> )	( <sup>1</sup> )	57,031,000	( <sup>1</sup> )	( <sup>1</sup> )
<b>Gulf ports:</b>						
1940.....	5,168,966	3,149,333	3,019,633	11,469,177	1,930,205	9,538,972
1942.....	5,440,000	3,588,000	1,852,000	10,062,000	4,281,000	5,781,000
1943.....	6,552,000	5,011,000	1,541,000	6,199,000	3,585,000	2,614,000
1944.....	4,872,000	3,648,000	1,224,000	5,334,000	5,108,000	226,000
1945.....	5,067,000	4,124,000	943,000	13,158,000	9,137,000	4,021,000
1946 <sup>2</sup> .....	4,306,000	( <sup>1</sup> )	( <sup>1</sup> )	20,145,000	( <sup>1</sup> )	( <sup>1</sup> )
1947 <sup>3</sup> .....	6,239,000	( <sup>1</sup> )	( <sup>1</sup> )	23,922,000	( <sup>1</sup> )	( <sup>1</sup> )
<b>Pacific ports:</b>						
1940.....	2,576,110	716,155	1,859,955	9,313,487	1,881,701	7,431,786
1942.....	3,118,000	2,077,000	1,041,000	7,390,000	4,301,000	3,089,000
1943.....	3,386,000	2,660,000	826,000	8,841,000	5,109,000	3,732,000
1944.....	3,456,000	2,516,000	940,000	8,605,000	4,132,000	4,473,000
1945.....	2,681,000	2,038,000	643,000	6,480,000	3,889,000	2,591,000
1946 <sup>2</sup> .....	2,140,000	( <sup>1</sup> )	( <sup>1</sup> )	6,481,000	( <sup>1</sup> )	( <sup>1</sup> )
1947 <sup>3</sup> .....	2,189,000	( <sup>1</sup> )	( <sup>1</sup> )	9,297,000	( <sup>1</sup> )	( <sup>1</sup> )
<b>Great Lakes ports:</b>						
1940.....	3,763,781	773,191	2,990,590	14,556,600	3,042,240	11,514,360
1946 <sup>2</sup> .....	3,504,000	( <sup>1</sup> )	( <sup>1</sup> )	17,547,000	( <sup>1</sup> )	( <sup>1</sup> )
1947 <sup>3</sup> .....	3,728,000	( <sup>1</sup> )	( <sup>1</sup> )	20,747,000	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Excludes U. S. Army, Navy Cargo, and Great Lakes; subject to revision.

<sup>2</sup> Excludes U. S. Army and Navy Cargo. Includes Alaska, Hawaii, and Puerto Rico. Data subject to revision.

<sup>3</sup> Not available.

Source: Prior to 1936, Department of Commerce, U. S. Shipping Board Bureau; 1936-40, U. S. Maritime Commission, 1940 figures published in Report No. 2610. 1942-45, War Shipping Administration. 1946 and 1947, Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the United States.

# No. 622.—WATER-BORNE IMPORTS AND EXPORTS—CARGO TONNAGE, BY TRADE REGIONS AND COUNTRIES: 1943, 1944, AND 1945

[In cargo tons of 2,240 pounds. See headnote, table 621. Note that a country may be accounted for in part under one trade region and in part under another. Excludes U. S. Army and Navy Cargo; subject to revision]

FOREIGN ORIGIN OR DESTINATION	IMPORTS			EXPORTS		
	1943	1944	1945	1943	1944	1945
<b>Grand total.....</b>	<b>25, 447, 709</b>	<b>27, 510, 283</b>	<b>33, 121, 807</b>	<b>57, 309, 543</b>	<b>66, 952, 278</b>	<b>51, 018, 633</b>
<b>United Kingdom and Eire.....</b>	<b>506, 578</b>	<b>425, 731</b>	<b>347, 644</b>	<b>19, 017, 972</b>	<b>23, 399, 062</b>	<b>16, 635, 857</b>
England.....	305, 598	334, 475	299, 264	17, 768, 742	22, 161, 583	16, 192, 337
Northern Ireland and Eire.....	2, 024	2, 358	2, 216	224, 375	25, 917	18, 851
Scotland.....	33, 224	51, 358	37, 033	530, 464	684, 878	269, 445
Wales.....	165, 732	37, 540	9, 131	494, 391	526, 684	155, 224
<b>North Atlantic and Baltic Europe...</b>	<b>169, 729</b>	<b>145, 462</b>	<b>967, 266</b>	<b>732, 706</b>	<b>1, 486, 721</b>	<b>2, 287, 250</b>
Iceland.....	13, 848	10, 475	8, 313	63, 904	50, 250	77, 386
Greenland.....	47, 562	16, 446	21, 813	11, 136	7, 014	7, 937
U. S. S. R. (Soviet Union) West..	108, 292	117, 938	286, 076	638, 501	1, 370, 910	742, 882
Norway.....			14, 809			450, 859
Sweden.....	25	603	635, 665	19, 165	58, 547	631, 934
Denmark.....			590			207, 973
Poland.....						140, 094
Germany.....						28, 185
<b>Bayonne-Hamburg Range.....</b>			<b>18, 012</b>		<b>108, 689</b>	<b>5, 995, 629</b>
Germany, North Sea.....			1, 191			187, 007
Netherlands.....			5, 642			926, 387
Belgium.....			1, 779			2, 330, 309
France, Atlantic.....			9, 400		108, 689	2, 551, 926
<b>South Atlantic Europe.....</b>	<b>253, 087</b>	<b>275, 045</b>	<b>269, 288</b>	<b>876, 839</b>	<b>675, 393</b>	<b>866, 045</b>
Portugal (incl. Azores).....	101, 112	149, 262	113, 459	639, 848	568, 217	739, 032
Spain.....	150, 096	121, 385	154, 202	198, 748	60, 344	87, 861
Cape Verde Islands.....			1, 627	3, 020		
Canary Islands.....	(1)	(1)	(1)	13, 626	(1)	(1)
Madeira.....	1, 879	4, 398		21, 597	46, 832	39, 152
<b>West Mediterranean.....</b>	<b>101, 253</b>	<b>208, 618</b>	<b>288, 396</b>	<b>1, 096, 370</b>	<b>1, 806, 178</b>	<b>6, 550, 464</b>
Spain.....	(2)	43, 800	29, 963	(2)	46, 525	114, 800
Gibraltar.....		5, 964	1		40, 875	234, 857
France.....	4	237	12, 084	10, 340	28, 152	1, 007, 716
Italy.....	823	13, 970	6, 710	57, 288	704, 818	2, 525, 143
Yugoslavia.....					1, 931	581, 880
Malta.....	78	1, 427		13, 508	71, 328	51, 421
Tunisia.....	200	(3)		14, 468	(3)	(3)
West Mediterranean, not other- wise specified.....						620, 865
Algeria.....	100, 151	143, 220	239, 638	1, 000, 766	912, 549	1, 433, 062
<b>East Mediterranean and Black Sea...</b>	<b>85, 924</b>	<b>76, 540</b>	<b>225, 738</b>	<b>32, 873</b>	<b>34, 085</b>	<b>1, 691, 792</b>
East Mediterranean, not other- wise specified.....						44, 315
Bulgaria.....						6, 488
Rumania.....						207, 099
U. S. S. R. (Soviet Union).....		7, 449	112, 555	9, 470	3, 003	713, 740
Turkey.....	44, 040	37, 435	101, 988	21, 114	22, 820	62, 922
Cyprus.....	33, 676	13, 406	2, 943	2, 023	6	2, 465
Greece.....			5, 486		8, 142	589, 443
Palestine.....	1, 807	7, 942	268	266		53, 319
Syria.....	6, 400	8, 458	2, 548		114	11, 401
Libya.....	1	1, 850				
<b>West Indies.....</b>	<b>10, 757, 526</b>	<b>8, 446, 080</b>	<b>7, 274, 045</b>	<b>2, 050, 096</b>	<b>2, 442, 839</b>	<b>2, 210, 749</b>
Cuba.....	4, 525, 009	5, 818, 365	4, 695, 974	1, 270, 541	1, 584, 115	1, 672, 510
Jamaica.....	127, 297	110, 543	220, 634	90, 515	140, 995	119, 966
Bahama Islands.....	6, 183	4, 323	5, 103	54, 776	42, 471	33, 505
Haiti.....	68, 205	130, 214	123, 493	36, 033	43, 112	48, 986
Dominican Republic.....	87, 424	340, 744	167, 931	61, 761	83, 589	81, 088
Lesser Antilles.....	5, 940, 462	2, 041, 080	2, 059, 522	499, 412	511, 922	215, 670
Bermuda.....	2, 946	811	1, 388	37, 058	36, 626	38, 425
<b>Mexico.....</b>	<b>524, 948</b>	<b>568, 443</b>	<b>793, 165</b>	<b>121, 161</b>	<b>240, 920</b>	<b>368, 976</b>
<b>Central America.....</b>	<b>731, 717</b>	<b>938, 124</b>	<b>1, 074, 524</b>	<b>569, 830</b>	<b>491, 435</b>	<b>582, 741</b>
British Honduras.....	73, 462	106, 096	81, 004	20, 239	20, 367	20, 314
Guatemala.....	121, 359	191, 177	280, 990	67, 319	70, 702	100, 111
Honduras.....	173, 465	341, 018	393, 868	42, 268	53, 372	64, 941

<sup>1</sup> Included with Madeira.

<sup>2</sup> Included with South Atlantic Spain.

<sup>3</sup> Included with Algeria.

**No. 622.—WATER-BORNE IMPORTS AND EXPORTS—CARGO TONNAGE, BY TRADE REGIONS AND COUNTRIES: 1943, 1944, AND 1945—Continued**

[In cargo tons of 2,240 pounds]

FOREIGN ORIGIN OR DESTINATION	IMPORTS			EXPORTS		
	1943	1944	1945	1943	1944	1945
<b>Central America—Continued.</b>						
Nicaragua.....	35,238	31,525	25,832	30,127	14,046	20,487
Costa Rica.....	87,124	63,832	82,726	62,843	25,467	44,972
Panama.....	38,115	34,871	75,042	5,929	514	3,633
Canal Zone.....	147,751	128,146	94,487	322,037	292,941	297,916
El Salvador.....	55,203	41,459	40,575	19,078	14,026	29,467
<b>North Coast South America.....</b>	<b>4,121,362</b>	<b>8,347,538</b>	<b>12,825,457</b>	<b>348,126</b>	<b>805,217</b>	<b>1,001,428</b>
Venezuela.....	1,867,614	6,130,122	10,069,701	226,625	536,582	720,655
British Guiana.....	586,824	108,762	217,372	58,755	41,188	17,548
Surinam (Netherlands Guiana).....	1,032,766	294,680	473,252	36,041	34,287	17,488
French Guiana.....		1				1,099
Colombia.....	634,158	1,813,973	2,065,132	26,705	193,160	244,638
<b>East Coast South America.....</b>	<b>2,045,816</b>	<b>2,291,667</b>	<b>2,162,323</b>	<b>1,559,105</b>	<b>1,847,518</b>	<b>2,531,748</b>
Brazil <sup>4</sup> .....	1,210,283	1,182,543	1,426,350	1,004,908	1,242,412	1,745,396
Uruguay (inc. Paraguay).....	167,172	121,045	131,606	177,868	166,132	277,085
Argentina.....	668,361	988,079	604,367	376,329	438,974	509,267
<b>West Coast South America.....</b>	<b>1,715,742</b>	<b>1,676,496</b>	<b>2,128,111</b>	<b>484,445</b>	<b>639,499</b>	<b>677,445</b>
Colombia.....	142,703	132,735	132,068	63,249	66,489	97,994
Chile.....	1,317,426	1,306,954	1,701,363	255,927	341,006	333,058
Peru.....	217,401	202,906	267,165	131,964	171,482	175,360
Ecuador.....	38,212	33,901	27,515	33,305	60,522	71,033
<b>West Africa.....</b>	<b>566,394</b>	<b>678,996</b>	<b>925,409</b>	<b>501,634</b>	<b>399,110</b>	<b>784,262</b>
French Morocco.....	68,532	84,848	106,234	174,255	105,654	552,527
Portuguese Guinea.....				257	6,484	
French Guinea.....	456			45,052		
French West Africa.....		1,565	16,234		66,925	80,296
Sierra Leone <sup>5</sup> .....	499	1,313		21,493	17,797	
Liberia.....	15,736	21,293	23,047	13,647	15,534	12,648
French Equatorial Africa.....		1,076	12,376		10,333	11,908
Gold Coast.....	234,814	406,044	624,523	61,501	96,078	42,345
Nigeria.....	34,018	( <sup>6</sup> )	( <sup>6</sup> )	60,268	( <sup>6</sup> )	( <sup>6</sup> )
Cameroons.....	2,708			8,550		
Gabon.....	4,064		12,173	13,734		9,610
Belgian Congo.....	94,337	86,382	84,248	96,558	70,499	57,746
Angola.....	77,722	71,466	46,574	6,184	9,806	17,182
South West Africa.....	33,508	5,009		135		
<b>South and East Africa.....</b>	<b>681,029</b>	<b>420,425</b>	<b>731,476</b>	<b>555,112</b>	<b>559,445</b>	<b>599,472</b>
Union of South Africa.....	160,428	85,119	194,326	439,133	444,465	458,581
Mozambique.....	442,045	257,633	438,016	40,698	42,039	63,597
Tanganyika Territory and Kenya.....	76,024	77,673	93,873	75,281	62,475	60,805
Madagascar.....	2,532		5,261		10,466	14,173
Reunion.....						2,316
<b>Australia and Antarctic Region.....</b>	<b>751,600</b>	<b>455,097</b>	<b>441,174</b>	<b>2,714,858</b>	<b>1,884,895</b>	<b>1,177,436</b>
New Zealand.....	82,045	21,501	41,716	580,037	253,913	240,015
Australia <sup>7</sup> .....	542,215	347,716	301,589	2,085,127	1,156,120	824,687
Tonga Islands.....	162	5,267				
Fiji Islands.....	53,305	6,238	15,222	16,430	4,067	5,424
New Caledonia.....	33,808	39,105	36,844	28,179	9,187	11,520
Society Islands.....	18,698	16,570	15,389	4,317	5,409	5,257
New Guinea.....					116,503	
Solomon Islands and other Islands of Australasia.....	21,367	18,700	30,414	768	839,696	90,533
<b>East Indies.....</b>			<b>8,100</b>			<b>99,030</b>
Straits Settlements and Federated Malay States.....			7,835			8,145
French Indo-China and Siam.....						14,495
Sumatra.....						4,879
Java.....			265			68,043
Borneo.....						2,576
Celebes.....						892
<b>East Asia.....</b>	<b>41,262</b>	<b>27,447</b>	<b>21,427</b>	<b>2,317,015</b>	<b>2,601,642</b>	<b>2,566,695</b>
China.....			110			176,223
U. S. S. R. (Soviet Union).....	41,262	27,447	3,327	2,317,015	2,601,642	2,212,819
Japan.....			1,307			22,469
Philippine Islands.....			16,683			155,184

<sup>4</sup> Includes South Atlantic Islands.

<sup>5</sup> Includes Gambia.

<sup>6</sup> Included with Gold Coast.

<sup>7</sup> Includes Tasmania.



# No. 622.—WATER-BORNE IMPORTS AND EXPORTS—CARGO TONNAGE, BY TRADE REGIONS AND COUNTRIES: 1943, 1944, AND 1945—Continued

[In cargo tons of 2,240 pounds]

FOREIGN ORIGIN OR DESTINATION	IMPORTS			EXPORTS		
	1943	1944	1945	1943	1944	1945
India, Persian Gulf, and Red Sea...	1,262,992	999,992	1,052,918	5,048,896	5,618,170	2,488,518
Anglo-Egyptian Sudan	70,009	88,221	53,198	1,093,934	1,110,534	569,832
Eritrea and Somaliland	2,290	1,350	744	1,003	29,363	1,008
Egypt	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Iraq (Mesopotamia)	18,911	25,233	40,892	217,738	88,641	49,214
Arabia Peninsula States	8,270	2,153	3,031	21,371	129,787	106,053
Iran (Persia)	2,940	12,178	4,796	1,646,766	1,025,469	127,303
U. S. S. R. (Persian Gulf)					804,187	
India and Dependencies	1,042,093	672,170	817,141	1,418,612	2,255,686	2,429,902
Ceylon	126,890	126,000	182,214	69,279	196,604	342,222
Persian Gulf, not otherwise specified						12,111
Burma						5,183
Canada	1,130,844	1,419,672	1,668,236	19,342,896	21,711,499	723,165
Pacific	636,754	944,978	888,156	1,135,241	951,991	
Atlantic and Newfoundland	493,892	674,694	969,100	743,881	654,065	711,000
Great Lakes	( <sup>1</sup> )	( <sup>1</sup> )	10,980	17,383,683	20,306,423	22,166

<sup>1</sup> Included with Anglo-Egyptian Sudan.

<sup>2</sup> Not available.

Source: War Shipping Administration.

# No. 623.—VESSELS ENTERED AND CLEARED IN FOREIGN TRADE—NET REGISTERED TONNAGE: 1840 TO 1947

[Excludes domestic trade. For definition of net registered tonnage and vessel entrances and clearances, see general note, p. 561. Figures cover years ending June 30 to and including 1916, calendar years thereafter]

[In thousands of net tons]

YEARLY AVERAGE OR YEAR	ENTERED		CLEARED		YEAR	ENTERED		CLEARED	
	Sea-ports	Other ports	Sea-ports	Other ports		Sea-ports	Other ports	Sea-ports	Other ports
1840 <sup>1</sup>	1,788	501	1,861	492	1917	38,521	18,961	38,094	18,983
1850	3,199	1,179	3,167	1,194	1918	31,101	14,356	31,899	14,145
1860	6,000	3,276	5,257	3,533	1918 (July-Dec.)	16,113	8,916	16,112	9,360
1870	6,270	2,866	6,362	2,807	1919	26,381	10,320	40,750	10,506
1871-1875	8,462	2,997	8,514	2,994	1920	51,532	12,572	54,981	12,837
1876-1880	12,134	2,792	12,197	2,807	1921	49,938	12,327	50,423	12,242
1881-1885	13,604	2,931	13,781	2,917	1922	51,701	13,490	51,799	13,040
1886-1890	13,479	2,602	13,656	2,593	1923	52,775	13,544	53,215	13,409
1891-1895	16,501	2,816	16,968	2,876	1924	54,726	13,565	55,294	13,616
1896-1900	20,931	3,969	21,077	4,007	1925	55,638	13,742	57,160	13,093
1901-1905	24,551	5,920	24,633	5,918	1926	63,769	13,174	65,583	13,458
1906-1910	29,651	8,072	29,158	8,036	1927	58,921	15,389	59,759	15,082
1911-1915	36,035	11,879	35,954	12,061	1928	62,809	17,402	63,331	17,236
1915-1920 <sup>2</sup>	38,071	13,440	40,187	13,511	1929	66,852	15,749	67,030	16,813
1921-1925	62,959	13,334	63,578	13,076	1930	66,499	14,753	66,500	14,808
1926-1930	63,798	15,293	64,441	15,319	1931	60,427	12,365	61,304	12,297
1931-1935	54,928	10,462	55,214	10,351	1932	55,220	9,807	54,900	9,547
1936-1940	55,621	11,595	56,967	11,575	1933	51,564	9,372	52,068	9,204
1940-1944	35,212	11,408	34,905	11,614	1934	53,132	10,655	53,162	10,541
1944-1920 <sup>3</sup>	37,604	13,189	39,417	13,190	1935	54,289	10,324	54,722	10,165
1905	24,793	6,190	25,020	6,138	1936	55,038	10,934	55,381	10,686
1906	27,401	6,754	28,970	6,814	1937	59,960	11,680	61,177	11,704
1907	29,248	7,374	28,499	7,491	1938	59,223	11,292	60,064	11,222
1908	30,444	8,096	30,198	8,084	1939	57,973	11,019	59,218	11,088
1909	30,243	8,815	29,604	8,892	1940	45,393	13,151	48,996	13,178
1910	30,917	9,319	30,510	9,196	1941	42,616	16,445	46,142	16,454
1911	32,457	10,216	32,299	10,138	1942	38,258	15,684	31,976	15,730
1912	34,639	11,499	34,708	11,711	1943	44,739	16,345	50,232	16,484
1913	37,973	12,608	37,566	13,596	1944	60,305	16,555	71,717	15,668
1914	40,082	13,337	39,743	13,440	1945	81,182	12,839	81,452	13,107
1915	35,082	11,676	35,458	11,427	1946 <sup>4</sup>	69,618	19,738	66,413	19,849
1916	37,744	13,806	38,946	13,477	1947 <sup>4</sup>	80,856	12,907	84,489	12,617

<sup>1</sup> Year ending Sept. 30.

<sup>2</sup> Average for period July 1, 1916, to Dec. 31, 1920.

<sup>3</sup> Average for period July 1, 1914, to Dec. 31, 1920. Shown because of marked effect of World War I on shipping.

<sup>4</sup> Preliminary data, subject to revision.

Source: Prior to 1906, Department of Commerce, Bureau of Foreign and Domestic Commerce; 1906-40, Treasury Department, Bureau of Customs; thereafter, Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the United States.



**No. 624.—VESSELS ENTERED AND CLEARED IN FOREIGN TRADE—NET REGISTERED TONNAGE BY REGIONS, 1911 TO 1947, AND BY CUSTOMS DISTRICTS, 1943 TO 1946**

[In thousands of net tons. See headnote, table 623]

CUSTOMS DISTRICT	1943		1944		1945		1946 <sup>1</sup>	
	Entered	Cleared	Entered	Cleared	Entered	Cleared	Entered	Cleared
<b>Grand total</b> .....	61,064	66,716	81,860	87,385	94,021	94,559	80,264	77,262
<b>Seaports, total</b> .....	44,739	50,232	66,305	71,717	81,182	81,452	69,516	66,412
<b>North Atlantic coast, total</b> .....	26,849	27,866	40,766	39,176	32,935	34,858	31,787	27,842
Maine, New Hampshire.....	534	534	1,124	1,030	1,587	1,087	1,673	1,275
Massachusetts.....	997	1,517	2,091	2,618	3,682	3,170	2,740	1,352
Rhode Island.....	83	118	55	211	95	179	259	202
Connecticut.....	1	25	14	34	37	55	141	117
New York.....	22,063	22,782	32,868	30,302	28,722	23,936	21,298	19,197
Philadelphia.....	2,281	2,909	4,556	4,981	5,812	6,431	5,675	5,098
<b>South Atlantic coast, total</b> .....	4,345	5,590	7,178	10,274	10,693	12,866	12,253	13,450
Maryland.....	1,797	1,537	3,082	2,782	3,812	5,247	5,424	6,075
Virginia.....	1,862	3,106	3,338	5,876	5,508	5,193	4,372	4,619
North Carolina.....	8	18	25	62	65	63	45	136
South Carolina.....	68	212	208	406	504	1,015	1,043	1,154
Georgia.....	136	213	247	437	418	578	800	663
Puerto Rico.....	449	389	406	689	556	717	432	616
Virgin Islands <sup>2</sup> .....	25	20	22	23	40	53	136	197
<b>Gulf coast, total</b> .....	4,776	5,470	4,869	6,274	9,839	12,606	14,682	15,168
Florida.....	1,965	2,123	1,391	1,707	1,348	1,848	1,935	2,123
Mobile.....	773	528	713	608	1,068	1,287	2,600	1,300
New Orleans.....	1,562	1,937	2,267	2,576	3,359	3,826	4,426	3,975
Sabine.....	52	154	63	296	775	1,461	1,353	1,875
Galveston.....	535	733	415	1,067	2,778	4,186	4,368	5,635
<b>Mexican border, Laredo</b> .....		( <sup>3</sup> )	72	68	123	120	254	222
<b>Pacific coast, total</b> .....	8,769	11,397	13,478	15,328	20,291	21,062	19,541	9,779
Washington.....	2,144	2,099	2,464	2,273	2,580	2,922	2,068	1,745
Oregon.....	449	678	624	734	1,102	1,212	1,068	915
San Francisco.....	2,766	3,978	4,516	5,445	8,003	6,931	3,104	3,464
Los Angeles.....	2,551	3,678	2,987	3,994	4,978	6,180	2,281	2,331
Alaska.....	513	480	438	381	268	309	216	251
Hawaii.....	248	172	2,365	2,781	3,335	3,396	1,532	1,041
San Diego.....	69	314	84	318	126	61	232	32
<b>Northern border, total</b> .....	16,345	16,484	15,558	15,668	12,839	13,197	10,738	10,549
St. Lawrence.....	215	182	171	171	87	28	92	40
Rochester.....	4,114	4,129	2,367	2,255	1,484	1,555	1,250	1,297
Buffalo.....	1,642	902	1,955	349	1,777	823	469	245
Ohio.....	5,663	7,102	6,117	7,162	5,907	6,924	5,198	6,466
Michigan.....	2,026	1,885	1,893	1,669	1,547	1,467	1,518	1,114
Chicago.....	343	729	508	1,339	275	661	264	749
Wisconsin.....	220	362	187	578	183	523	247	298
Duluth and Superior.....	2,120	1,213	2,347	1,655	1,578	1,126	1,700	556

YEARLY AVERAGE OR YEAR	ATLANTIC COAST		GULF COAST		PACIFIC COAST		Mexi- can border, total	NORTHERN BORDER	
	Total	With cargo	Total	With cargo	Total	With cargo		Total	With cargo
<b>Entrances:</b>									
1911-1915.....	24,293	20,708	6,635	3,377	5,053	3,640	52	11,879	4,564
1915-1920 <sup>4</sup> .....	24,581	16,094	7,939	4,446	5,487	4,329	64	13,440	5,646
1921-1925.....	30,979	27,133	12,390	8,243	9,562	6,079	28	13,334	6,475
1926-1930.....	36,884	33,003	11,634	7,415	15,100	8,247	150	15,258	7,700
1931-1935.....	31,721	28,668	8,058	4,558	14,968	9,239	180	10,462	4,997
1936-1940.....	30,634	26,925	10,115	5,593	14,108	9,368	663	11,395	5,187
1941-1945.....	34,914	18,897	6,454	4,463	11,211	6,153	40	15,374	5,060
1943.....	31,194	14,242	4,776	4,338	8,709	5,212		16,345	5,834
1944.....	47,885	19,807	4,869	4,239	13,478	8,186	72	15,555	5,049
1945.....	50,829	25,025	9,939	4,786	20,291	8,063	123	12,839	3,780
1946 <sup>1</sup> .....	44,040	25,351	14,682	5,492	10,541	5,323	254	10,738	2,824
1947 <sup>1</sup> .....	52,875	30,834	16,686	7,269	10,877	5,423	414	12,907	2,581
<b>Clearances:</b>									
1911-1915.....	23,608	21,765	7,193	6,414	5,104	4,643	50	12,061	8,567
1915-1920 <sup>4</sup> .....	25,921	23,188	8,528	6,915	5,628	4,762	62	13,511	9,637
1921-1925.....	30,837	24,284	12,833	9,599	9,890	8,360	28	13,075	9,226
1926-1930.....	36,361	28,696	12,326	10,641	15,658	13,148	95	15,319	10,804
1931-1935.....	30,658	23,563	9,018	8,079	15,411	13,220	127	10,351	7,309
1936-1940.....	30,472	22,459	11,064	9,601	14,752	13,394	677	11,575	9,412
1941-1945.....	35,545	27,351	7,635	6,494	13,062	11,288	40	15,489	12,657
1943.....	33,365	27,655	5,470	4,338	11,397	10,477	( <sup>3</sup> )	16,484	13,638
1944.....	49,450	40,812	6,274	5,271	15,928	13,906	65	15,668	12,016
1945.....	47,725	35,439	12,606	11,238	21,002	17,274	120	13,107	10,027
1946 <sup>1</sup> .....	41,292	27,064	15,106	12,105	9,779	7,631	233	10,849	9,543
1947 <sup>1</sup> .....	54,201	40,517	18,117	10,147	11,810	10,635	356	12,517	11,249

<sup>1</sup> Preliminary data, subject to revision.

<sup>2</sup> Reported as a foreign country prior to Jan. 1, 1935.

<sup>3</sup> Less than 600 tons.

<sup>4</sup> July 1, 1915, to Dec. 31, 1920.

Source: Prior to 1936, Department of Commerce, Bureau of Foreign and Domestic Commerce; 1936-40, Treasury Department, Bureau of Customs; thereafter, Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the United States.

# No. 625.—VESSELS ENTERED IN FOREIGN TRADE—NET REGISTERED TONNAGE, BY CLASSES: 1881 TO 1947

[All figures except number of vessels and percentages in thousands of net tons. See headnote, table 623]

YEARLY AVERAGE OR YEAR	Number of vessels, all ports	ALL PORTS				SEAPORTS				
		Total	American	Foreign	Per-cent American	All vessels	Sailing vessels	Steam vessels	With cargo	In ballast
1881-1890	32,038	16,308	3,395	12,913	20.8	13,542	5,251	8,291	11,500	1,962
1891-1900	31,781	22,269	4,978	17,291	22.4	18,866	3,816	15,050	14,184	4,682
1901-1905	34,040	30,490	6,802	23,688	22.3	24,551	2,606	21,945	19,205	5,346
1906-1910	34,375	37,722	8,872	28,850	22.2	29,651	1,616	27,934	23,621	6,029
1911-1915	38,951	47,914	12,305	35,709	25.6	36,035	1,574	34,461	27,778	8,257
1915-1920 <sup>1</sup>	42,713	51,511	21,999	29,512	42.7	38,071	1,899	36,173	26,128	12,943
1921-1925	41,546	66,293	29,645	36,648	44.7	52,959	1,004	51,955	41,471	11,488
1926-1930	45,846	79,062	30,314	48,748	38.3	63,768	472	63,296	48,710	15,058
1931-1935	31,338	65,390	23,847	41,543	36.5	54,928	227	54,701	42,835	12,093
1936-1940	33,954	67,117	19,243	47,873	28.7	55,521	102	55,419	41,951	13,670
1910-1914	38,038	40,619	11,328	35,291	24.3	35,212	1,558	33,654	28,096	7,116
1914-1920 <sup>2</sup>	42,257	50,773	20,657	30,116	40.7	37,604	1,653	35,950	24,938	12,666
1933	28,019	60,936	22,488	38,448	36.9	51,564	180	51,384	40,410	11,154
1934	29,730	63,787	23,192	40,594	36.4	53,132	196	52,936	41,297	11,635
1935	32,248	64,612	22,372	42,240	34.6	54,289	281	54,008	42,801	11,788
1936	33,439	65,972	20,682	45,290	31.3	55,038	311	54,727	44,675	10,363
1937	34,309	71,500	19,527	52,033	27.3	59,980	84	59,926	46,328	13,652
1938	33,079	70,516	19,020	51,496	27.0	59,223	51	59,172	42,806	16,417
1939	35,310	68,992	17,769	51,223	25.8	57,973	34	57,939	41,940	16,033
1940	33,636	58,544	19,230	39,314	32.8	45,398	60	45,338	34,006	11,335
1941	37,835	59,051	20,940	38,121	35.6	42,616	40	42,576	32,819	9,797
1942	31,358	43,942	13,611	30,331	31.0	28,257	32	28,225	19,077	10,181
1943	30,640	61,064	29,292	31,792	48.0	44,789	37	44,702	23,792	20,947
1944	40,834	81,860	48,071	33,789	58.7	58,305	30	58,275	32,797	34,006
1945	48,318	94,021	61,375	32,646	65.3	61,182	44	61,138	37,992	43,190
1946 <sup>3</sup>	45,082	80,254	53,042	27,213	66.1	60,516	(9)	(9)	36,339	33,177
1947 <sup>3</sup>	50,446	93,763	53,602	40,169	57.2	80,856	(9)	(9)	43,943	36,819

YEARLY AVERAGE OR YEAR	SEAPORTS—continued					NORTHERN BORDER PORTS			
	American vessels		Foreign vessels		Per-cent American	Total	American	Foreign	With cargo
	Total	With cargo	Total	With cargo					
1881-1890	2,933	2,559	10,609	9,001	21.7	2,786	453	2,304	1,976
1891-1900	3,619	2,956	15,247	11,228	19.2	3,403	1,359	2,044	1,589
1901-1905	3,962	3,246	20,589	15,980	16.1	5,939	2,840	3,099	2,602
1906-1910	6,175	3,471	25,475	20,150	14.1	8,072	4,197	3,875	3,307
1911-1915	5,376	4,200	30,760	23,678	14.5	11,879	6,929	4,950	4,564
1915-1920 <sup>1</sup>	14,508	11,375	23,563	13,753	38.1	13,440	7,490	5,950	5,646
1921-1925	22,526	18,404	30,433	23,069	42.5	13,334	7,119	6,215	6,475
1926-1930	23,182	18,809	40,586	29,901	36.4	15,293	7,132	8,162	7,700
1931-1935	19,854	16,870	35,074	25,955	36.1	10,462	3,963	6,499	4,997
1936-1940	16,090	12,865	39,432	28,086	29.0	11,695	3,154	8,441	5,187
1910-1914	4,753	3,787	30,459	24,309	13.5	11,406	6,575	4,832	4,501
1914-1920 <sup>2</sup>	13,327	10,481	24,276	14,456	35.4	13,169	7,330	5,840	5,430
1933	19,051	16,123	32,513	24,287	36.9	9,372	3,437	5,934	4,444
1934	19,186	16,500	33,946	24,797	36.1	10,655	4,006	6,649	4,717
1935	18,893	16,208	35,365	26,295	34.8	10,324	3,479	6,845	4,976
1936	17,510	15,360	37,528	29,314	31.8	10,934	3,172	7,762	5,300
1937	16,747	14,661	43,233	31,667	27.9	11,580	2,780	8,800	5,285
1938	15,899	13,080	43,324	29,736	26.8	11,293	3,121	8,172	5,066
1939	14,553	12,258	43,421	29,681	25.1	11,019	3,217	7,802	5,311
1940	15,740	13,065	29,652	20,043	34.7	13,151	3,480	9,671	4,963
1941	16,787	15,656	25,649	17,161	39.3	16,445	4,174	12,271	5,833
1942	10,326	8,004	17,931	10,073	36.5	15,684	3,265	12,420	5,106
1943	24,508	14,135	20,231	9,657	54.8	16,345	4,784	11,561	5,834
1944	42,796	20,509	24,109	11,788	63.5	15,565	5,575	9,990	5,069
1945	56,409	30,080	24,682	11,912	69.6	12,839	4,676	7,963	3,751
1946 <sup>3</sup>	49,139	33,429	20,377	12,910	70.7	10,738	3,002	6,536	2,334
1947 <sup>3</sup>	48,621	26,001	31,841	17,842	60.5	12,907	4,562	8,335	2,881

<sup>1</sup> Average for period July 1, 1914, to Dec. 31, 1920.

<sup>2</sup> Average for period July 1, 1914, to Dec. 31, 1920.

<sup>3</sup> Preliminary data, subject to revision.

<sup>4</sup> Not available.

Source: Prior to 1936, Department of Commerce, Bureau of Foreign and Domestic Commerce; 1936-40, Treasury Department, Bureau of Customs; thereafter, Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the United States.

# No. 626.—VESSELS CLEARED IN FOREIGN TRADE—NET REGISTERED TONNAGE, BY CLASSES: 1881 TO 1947

[All figures except number of vessels and percentages in thousands of net tons. See headnote, table 623]

YEARLY AVERAGE OR YEAR	Num-ber of vessels, all ports	ALL PORTS				SEAPORTS				
		Total	Ameri-can	For-eign	Per-cent Ameri-can	All vessels	Sailing vessels	Steam vessels	With cargo	In ballast
1881-1890.....	32, 159	16, 473	3, 450	13, 023	20. 9	13, 719	5, 363	8, 356	12, 795	924
1891-1900.....	31, 902	22, 463	5, 038	17, 425	22. 4	19, 021	3, 818	15, 203	17, 514	1, 507
1901-1905.....	33, 863	30, 551	6, 812	23, 739	22. 3	24, 633	2, 621	22, 012	22, 460	2, 173
1906-1910.....	33, 897	37, 192	8, 282	28, 910	22. 3	29, 156	1, 850	27, 306	26, 768	2, 388
1911-1915.....	38, 790	48, 015	12, 512	35, 503	26. 1	35, 954	1, 654	34, 301	32, 827	3, 128
1915-1920 <sup>1</sup> .....	42, 687	53, 647	23, 005	30, 643	42. 9	40, 137	2, 057	38, 080	34, 851	5, 285
1921-1925.....	40, 120	66, 653	29, 554	37, 099	44. 3	53, 578	984	52, 594	42, 233	11, 345
1926-1930.....	44, 082	79, 760	30, 709	49, 051	38. 5	64, 441	467	63, 973	52, 581	11, 860
1931-1935.....	30, 520	65, 565	23, 616	41, 949	36. 0	55, 214	221	54, 993	44, 990	10, 224
1936-1940.....	32, 703	68, 541	19, 448	49, 093	28. 4	56, 967	102	56, 864	46, 126	10, 841
1910-1914.....	37, 883	46, 579	11, 590	34, 989	24. 9	34, 965	1, 620	33, 345	32, 024	2, 941
1914-1920 <sup>2</sup> .....	42, 141	52, 607	21, 529	31, 078	40. 9	39, 417	2, 010	37, 407	34, 394	5, 023
1934.....	28, 874	63, 702	22, 799	40, 903	35. 8	53, 162	177	52, 985	43, 881	9, 281
1935.....	31, 554	64, 887	22, 126	42, 761	34. 1	54, 722	277	54, 445	44, 159	10, 563
1936.....	31, 362	66, 066	20, 069	45, 997	30. 4	55, 381	317	55, 063	44, 672	10, 708
1937.....	32, 850	72, 880	19, 938	52, 942	27. 4	61, 177	53	61, 123	49, 853	11, 324
1938.....	31, 710	71, 286	18, 629	52, 456	26. 4	60, 064	58	60, 006	49, 780	10, 284
1939.....	34, 192	70, 306	18, 156	52, 150	25. 8	59, 218	33	59, 185	48, 179	11, 048
1940.....	33, 417	62, 171	20, 248	41, 923	32. 6	48, 996	52	48, 943	38, 154	10, 842
1941.....	38, 024	62, 596	21, 869	40, 726	34. 9	46, 142	44	46, 098	32, 714	13, 428
1942.....	30, 506	47, 705	16, 354	31, 352	34. 3	31, 975	32	31, 943	26, 464	5, 511
1943.....	35, 915	66, 716	33, 682	33, 034	50. 5	50, 232	37	50, 195	42, 470	7, 762
1944.....	40, 321	87, 385	53, 050	34, 335	60. 7	71, 717	52	71, 665	60, 095	11, 622
1945.....	46, 210	94, 559	61, 460	33, 099	65. 0	81, 452	42	81, 410	63, 992	17, 461
1946 <sup>3</sup> .....	44, 469	77, 262	49, 101	28, 161	63. 6	66, 413	( <sup>4</sup> )	( <sup>4</sup> )	47, 875	18, 538
1947 <sup>3</sup> .....	48, 345	97, 107	54, 066	43, 042	55. 7	84, 489	( <sup>4</sup> )	( <sup>4</sup> )	67, 490	16, 999

YEARLY AVERAGE OR YEAR	SEAPORTS—continued					NORTHERN BORDER PORTS			
	American vessels		Foreign vessels		Per-cent Ameri-can	Total	Ameri-can	For-eign	With cargo
	Total	With cargo	Total	With cargo					
1881-1890.....	2, 978	2, 541	10, 741	10, 254	21. 7	2, 754	472	2, 282	1, 778
1891-1900.....	3, 644	2, 914	15, 377	14, 600	19. 2	3, 442	1, 394	2, 048	2, 129
1901-1905.....	4, 000	3, 284	20, 633	19, 176	16. 2	5, 918	2, 812	3, 106	3, 825
1906-1910.....	4, 084	3, 498	25, 072	23, 270	14. 0	8, 036	4, 198	3, 838	5, 673
1911-1915.....	5, 361	4, 522	30, 594	28, 305	14. 9	12, 061	7, 151	4, 909	8, 567
1915-1920 <sup>1</sup> .....	15, 455	11, 505	24, 681	23, 346	38. 5	13, 511	7, 550	5, 962	9, 637
1921-1925.....	22, 556	14, 974	31, 022	27, 259	42. 1	13, 075	6, 998	6, 077	9, 236
1926-1930.....	23, 338	17, 071	41, 102	35, 510	36. 2	15, 319	7, 371	7, 948	10, 504
1931-1935.....	19, 653	15, 729	35, 561	29, 261	35. 6	10, 351	3, 962	6, 388	7, 309
1936-1940.....	16, 302	13, 116	40, 665	33, 009	28. 6	11, 575	3, 146	8, 429	9, 412
1910-1914.....	4, 778	4, 109	30, 187	27, 915	13. 7	11, 614	6, 812	4, 802	8, 380
1914-1920 <sup>2</sup> .....	14, 171	10, 611	25, 245	23, 783	36. 0	13, 190	7, 358	5, 832	9, 279
1934.....	18, 901	15, 571	34, 261	28, 310	35. 6	10, 541	3, 899	6, 641	7, 318
1935.....	18, 651	14, 447	36, 071	29, 712	34. 1	10, 165	3, 475	6, 690	7, 155
1936.....	16, 967	13, 617	38, 414	31, 055	30. 6	10, 686	3, 102	7, 583	7, 542
1937.....	17, 134	14, 038	44, 043	35, 815	28. 0	11, 704	2, 804	8, 900	9, 890
1938.....	15, 742	12, 893	44, 322	36, 887	26. 2	11, 222	3, 087	8, 135	9, 348
1939.....	14, 903	12, 130	44, 316	36, 040	25. 2	11, 088	3, 253	7, 835	8, 880
1940.....	16, 766	12, 904	32, 230	25, 249	34. 2	13, 176	3, 483	9, 693	11, 401
1941.....	17, 701	12, 251	28, 441	20, 462	38. 4	16, 454	4, 169	12, 285	13, 824
1942.....	13, 149	10, 827	18, 826	15, 637	41. 1	15, 730	3, 205	12, 525	13, 782
1943.....	28, 826	24, 140	21, 406	18, 330	57. 0	16, 484	4, 856	11, 628	13, 638
1944.....	46, 919	39, 960	24, 798	20, 134	65. 4	15, 668	6, 131	9, 538	12, 016
1945.....	56, 332	44, 705	25, 120	19, 286	69. 2	13, 107	5, 129	7, 979	10, 027
1946 <sup>3</sup> .....	45, 089	31, 972	21, 324	15, 903	67. 9	10, 849	4, 012	6, 837	9, 548
1947 <sup>3</sup> .....	49, 534	38, 786	34, 955	28, 704	58. 6	12, 617	4, 531	8, 085	11, 249

<sup>1</sup> Average for period July 1, 1915, to Dec. 31, 1920.

<sup>2</sup> Average for period July 1, 1914, to Dec. 31, 1920.

<sup>3</sup> Preliminary data, subject to revision.

<sup>4</sup> Not available.

Source: Prior to 1936, Department of Commerce, Bureau of Foreign and Domestic Commerce; 1936-40, Treasury Department, Bureau of Customs; thereafter, Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the United States.

**No. 627.—VESSELS ENTERED AND CLEARED AT SEAPORTS IN FOREIGN TRADE—NET REGISTERED TONNAGE, BY COUNTRIES OF ORIGIN AND DESTINATION 1921 TO 1945**

[In thousands of net tons. Only traffic by sea is included. For definition of net tonnage, see general note, p. 551]

COUNTRY	1921- 1925, average	1926- 1930, average	1931- 1935, average	1936- 1940, average	1941 1945, average	1943	1944	1945
<b>Total by sea:</b>								
Entered.....	52,949	63,769	54,928	55,521	52,630	44,739	66,303	51,182
Cleared.....	53,573	64,441	55,214	56,967	56,304	50,232	71,717	61,452
<b>Belgium:</b>								
Entered.....	1,231	1,560	1,068	940	929		9	4,630
Cleared.....	1,190	1,290	1,013	892	248			1,730
<b>Denmark:</b>								
Entered.....	372	532	451	251	23			114
Cleared.....	480	686	402	167	21			107
<b>France:</b>								
Entered.....	1,953	2,321	2,027	2,093	1,721	7	1,060	7,531
Cleared.....	2,280	2,475	2,582	2,395	1,016	33	25	3,006
<b>Germany:</b>								
Entered.....	2,066	3,813	3,805	2,530	48			241
Cleared.....	2,165	3,714	3,235	2,119	80			251
<b>Italy:</b>								
Entered.....	1,707	2,101	1,909	1,538	1,705	390	3,949	4,130
Cleared.....	1,080	2,023	1,869	1,727	603	79	765	2,065
<b>Netherlands:</b>								
Entered.....	1,654	2,061	1,389	1,804	100			493
Cleared.....	1,464	1,490	1,030	1,358	107			529
<b>Norway:</b>								
Entered.....	394	360	379	554	52			251
Cleared.....	412	381	299	355	54			270
<b>Spain:</b>								
Entered.....	608	850	674	361	210	155	190	306
Cleared.....	463	612	597	250	■	99	50	157
<b>Sweden:</b>								
Entered.....	504	681	695	834	132	22	53	537
Cleared.....	353	496	412	604	93	19	38	297
<b>United Kingdom:</b>								
Entered.....	9,378	10,614	6,087	6,422	13,274	14,085	22,804	16,611
Cleared.....	8,647	10,577	6,147	5,871	11,912	13,800	18,282	11,715
<b>Canada:</b>								
Atlantic coast— <sup>1</sup>								
Entered.....	1,201	1,607	2,265	2,033	1,110	917	635	801
Cleared.....	1,331	1,709	2,267	2,406	4,775	6,465	5,274	5,602
British Columbia, Yukon—								
Entered.....	4,571	6,619	6,662	8,551	2,570	2,876	3,086	2,026
Cleared.....	4,573	6,556	6,878	7,272	3,092	2,706	2,832	2,325
<b>Central America:</b> <sup>2</sup>								
Entered.....	1,734	2,391	2,368	3,307	2,191	853	1,399	3,990
Cleared.....	1,640	2,092	2,801	4,211	2,535	1,093	2,644	3,721
<b>Mexico:</b>								
Entered.....	8,160	2,840	1,548	1,932	705	392	502	704
Cleared.....	8,391	2,892	1,755	2,628	780	576	593	744
<b>British West Indies, Bermuda, and British Honduras:</b>								
Entered.....	1,351	1,975	3,210	2,684	897	966	942	651
Cleared.....	1,435	2,216	3,400	3,172	1,334	1,196	1,639	1,140
<b>Cuba:</b>								
Entered.....	4,769	5,875	5,435	4,968	3,133	2,620	3,398	2,630
Cleared.....	4,659	5,832	5,392	4,832	3,012	2,602	3,307	2,517
<b>Dominican Republic:</b>								
Entered.....	390	715	668	499	283	123	377	154
Cleared.....	449	920	903	589	342	193	451	273
<b>Haiti:</b>								
Entered.....	105	220	176	251	128	65	102	106
Cleared.....	230	204	185	262	136	44	74	102
<b>Argentina:</b>								
Entered.....	1,006	966	499	828	534	360	546	434
Cleared.....	707	997	358	494	344	182	175	205
<b>Brazil:</b>								
Entered.....	552	918	803	637	707	717	677	792
Cleared.....	913	1,252	924	1,241	862	666	663	869
<b>Chile:</b>								
Entered.....	975	1,387	545	1,039	747	509	690	541
Cleared.....	793	1,056	807	734	511	379	372	610
<b>Colombia:</b>								
Entered.....	144	958	1,065	899	633	332	382	635
Cleared.....	226	956	1,016	1,030	592	356	705	871
<b>British India, British Malaya, and Ceylon:</b>								
Entered.....	576	833	704	691	877	829	785	997
Cleared.....	330	428	289	379	1,345	1,346	2,000	1,829

<sup>1</sup> Beginning 1939 includes maritimes previous only.

<sup>2</sup> Not including British Honduras.

No. 627.—VESSELS ENTERED AND CLEARED AT SEAPORTS IN FOREIGN TRADE—  
NET REGISTERED TONNAGE, BY COUNTRIES, ETC.—Continued

COUNTRY	1921- 1925, average	1926- 1930, average	1931- 1935, average	1936- 1940, average	1941- 1945, average	1943	1944	1945
China, Hong Kong, and Kwan-tung:								
Entered.....	959	1,044	827	805	96			106
Cleared.....	963	894	562	359	96			194
Japan:								
Entered.....	1,607	2,320	2,169	2,853	733			2,294
Cleared.....	2,106	3,284	3,815	4,631	623			1,308
Philippine Islands:								
Entered.....	408	611	1,012	986	1,110		9	4,534
Cleared.....	359	503	466	663	454			1,472
Oceania:								
Entered.....	509	931	778	693	4,651	4,671	7,558	8,242
Cleared.....	946	1,396	831	714	2,677	3,006	3,399	5,071
All other countries:								
Entered.....	3,165	6,649	5,677	6,717	13,220	13,829	16,659	16,990
Cleared.....	3,149	6,913	5,388	6,299	18,631	15,321	25,394	30,849

No. 628.—VESSELS ENTERED AND CLEARED AT SEAPORTS IN FOREIGN TRADE—  
NET REGISTERED TONNAGE, BY NATIONALITY OF VESSEL: 1921 TO 1945

[In thousands of net tons. Includes only traffic by sea and to and from foreign countries. The large trade with Canada on the Great Lakes and the St. Lawrence is handled about equally by vessels of the United States and of the British (Canadian) flag. See tables 625 and 626 in which the columns for northern border represent trade with Quebec and Ontario]

NATIONALITY	1921- 1925, average	1926- 1930, average	1931- 1935, average	1936- 1940, average	1941- 1945, average	1943	1944	1945
Total by sea:								
Entered.....	52,959	63,768	54,928	55,521	52,620	44,739	66,305	81,182
Cleared.....	53,578	64,441	55,214	56,967	56,394	50,232	71,717	81,452
American:								
Entered.....	22,526	23,182	19,855	16,090	30,059	24,508	42,196	56,499
Cleared.....	22,556	23,338	19,653	16,302	32,585	28,826	46,919	56,332
Total foreign:								
Entered.....	30,433	40,586	35,074	39,432	22,561	20,231	24,109	24,682
Cleared.....	31,022	41,102	35,561	40,665	23,718	21,406	24,798	25,120
Belgian:								
Entered.....	332	374	274	332	143	155	107	173
Cleared.....	343	370	269	329	158	184	122	180
British:								
Entered.....	16,807	20,189	15,270	14,506	10,012	9,790	11,838	11,016
Cleared.....	17,064	20,291	15,373	14,889	10,749	10,558	12,319	11,149
Danish:								
Entered.....	929	1,136	917	1,040	40	1	2	199
Cleared.....	928	1,168	902	1,054	41		3	190
Dutch:								
Entered.....	1,300	1,798	1,634	2,322	1,212	1,027	1,325	1,326
Cleared.....	1,292	1,809	1,627	2,352	1,235	1,050	1,402	1,298
French:								
Entered.....	1,492	1,870	1,652	1,852	222	158	314	438
Cleared.....	1,518	1,905	1,694	1,859	227	123	323	502
German:								
Entered.....	847	2,654	3,260	2,488				
Cleared.....	870	2,736	3,280	2,414				
Italian:								
Entered.....	1,490	2,175	1,798	1,690	30	15	104	29
Cleared.....	1,569	2,150	1,800	1,704	33		104	62
Japanese:								
Entered.....	2,059	2,618	2,473	3,014	357			
Cleared.....	2,235	2,741	2,682	3,428	400			
Norwegian:								
Entered.....	2,817	4,026	4,072	6,672	3,932	3,307	4,061	4,562
Cleared.....	2,784	4,136	4,178	6,839	3,989	3,325	4,089	4,680
Spanish:								
Entered.....	480	571	459	185	198	175	183	251
Cleared.....	487	586	457	188	197	169	188	235
Swedish:								
Entered.....	564	985	1,013	1,206	542	217	291	818
Cleared.....	566	1,005	1,017	1,233	541	228	280	766
All other foreign:								
Entered.....	1,317	2,190	2,252	4,125	5,872	5,386	5,884	5,870
Cleared.....	1,366	2,206	2,281	4,377	6,148	5,769	5,968	6,058

Source of tables 627 and 628: Prior to 1936, Dept. of Commerce, Bureau of Foreign and Domestic Commerce; 1936-40, Treasury Dept., Bureau of Customs; thereafter, Dept. of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the United States.

## 22. Irrigation and Drainage

[Data in this section relate to Continental United States]

### No. 629.—IRRIGATION ENTERPRISES—SUMMARY: 1910 TO 1940

[Data are for the 17 Western States and Arkansas and Louisiana. Tables 629 and 631-638 relate to irrigation enterprises of all types, including those operated by individual farmers. They are based on reports of management of enterprises. An enterprise is defined as "an independent irrigation establishment owning or operating works for supplying water to agricultural land"]

ITEM		CENSUS OF—			
		1910	1920	1930	1940
Approximate land area.....	1,000 acres..	1,224,068	1,225,080	1,222,080	<sup>1</sup> 1,224,067
Farms (irrigated and nonirrigated) <sup>2</sup> .....	number	1,776,046	1,916,301	2,062,813	1,897,845
Land in all farms <sup>3</sup> .....	1,000 acres..	416,468	506,441	508,604	629,080
Irrigation enterprises:					
Enterprises.....	number	86,668	63,308	75,517	91,637
Units irrigated.....	do.	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	490,029
Area irrigated.....	1,000 acres..	14,438	19,192	19,548	21,004
Area existing works were capable of supplying with water.....	1,000 acres..	20,285	26,030	26,102	28,066
Area irrigable.....	1,000 acres..	<sup>4</sup> 22,245	<sup>4</sup> 25,891	30,590	31,308
Additional area existing works were capable of supplying with water.....	1,000 acres..	5,852	6,829	6,554	7,022
Additional irrigable area in enterprises, not supplied with water.....	1,000 acres..	<sup>4</sup> 17,812	<sup>4</sup> 16,000	11,082	10,302
Investment in irrigation enterprises.....	1,000 dollars..	321,454	697,657	862,758	1,062,049
Increase over preceding census.....	percent.	369.2	117.0	28.0	17.8
Average per acre based on area works were capable of supplying with water.....	dollars	15.85	26.81	34.20	37.80
Increase over preceding census.....	percent.		69.1	27.6	9.6
Estimated completed cost of existing enterprises.....	1,000 dollars..	437,949	819,778	1,015,108	1,126,546
Average per acre based on irrigable area in enterprises.....	dollars	<sup>4</sup> 12.68	<sup>4</sup> 22.84	33.17	35.99
Average annual cost per acre irrigated for maintenance and operation of irrigation works.....	dollars	<sup>5</sup> 1.07	2.43	2.77	2.26

<sup>1</sup> Represents redeterminations and therefore differs from figures shown for earlier years.

<sup>2</sup> From Census of Agriculture.

<sup>3</sup> Not available.

<sup>4</sup> Relates to total area in enterprises; irrigable areas not reported.

<sup>5</sup> Excludes cost of operation and maintenance for rice-growing districts in Gulf States; consequently figure is not comparable with those for later years.

Source: Department of Commerce, Bur. of Census; Sixteenth Census Reports, Irrigation of Agricultural Lands.

### No. 630.—IRRIGATED AND NONIRRIGATED FARMS—NUMBER, ACREAGE, AND VALUE, BY TENURE OF OPERATOR: 1940

[Data are for the 17 Western States and Arkansas and Louisiana from Census of Agriculture returns]

ITEM	Number of farms	Land in farms	CROPLAND HARVESTED, 1939		Irrigated pasture, 1939	VALUE OF—		
			Total	Irrigated		Farms (land and build-ings)	Build-ings	Imple-ments and ma-chinery
			Thousands of acres			Thousands of dollars		
All farms.....	1,897,845	629,650	143,844	15,067	2,749	12,803,166	2,555,806	1,094,720
Owners and managers.....	1,070,457	459,429	84,390	11,006	2,318	8,783,002	1,860,916	737,809
Tenants.....	821,388	169,821	59,454	4,062	432	4,019,594	704,500	357,821
Irrigated farms, total.....	291,655	112,601	19,711	15,067	2,749	3,467,117	629,915	252,634
Owners and managers.....	221,639	97,503	14,493	11,006	2,318	2,784,325	520,180	217,718
Tenants.....	70,016	15,099	5,218	4,062	432	682,592	100,735	65,307
Wholly irrigated, total.....	219,614	65,985	11,995	11,995	2,071	2,306,971	448,869	191,640
Owners and managers.....	168,131	57,316	8,744	8,744	1,746	1,897,180	377,501	146,132
Tenants.....	51,483	8,669	3,251	3,251	325	469,791	71,358	45,509
Partly irrigated, total.....	72,041	46,617	7,716	3,072	678	1,160,146	181,056	91,394
Owners and managers.....	53,508	40,187	5,749	2,261	572	687,345	151,679	71,586
Tenants.....	18,533	6,430	1,967	811	106	212,601	29,377	19,798
Nonirrigated farms.....	1,606,190	516,449	124,133			9,336,060	1,925,890	812,086

<sup>1</sup> Excludes irrigated fallow land or land in irrigated crops that failed.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Irrigation of Agricultural Lands.



**No. 681.—IRRIGATION ENTERPRISES—AREA IRRIGATED, 1919, 1929, AND 1939, AND AREA IRRIGATION WORKS WERE CAPABLE OF SUPPLYING WITH WATER, 1930 AND 1940, BY STATES AND BY PRINCIPAL DRAINAGE BASINS**

[Data are for the 17 Western States and Arkansas and Louisiana. Minus sign (—) denotes decrease]

STATE OR DRAINAGE BASIN	AREA IRRIGATED				Increase 1929- 1939	AREA WORKS WERE CAPABLE OF SUP- PLYING WITH WATER	
	1919	1929	1939			1930	1940
			Total	Propor- tion of total			
STATE	Acres	Acres	Acres	Percent	Percent	Acres	Acres
Total for 19 States.....	19,191,716	19,547,544	21,003,739	100.0	7.4	26,161,890	28,055,248
Arizona.....	467,585	575,590	653,203	3.1	13.5	824,152	844,212
Arkansas.....	143,940	151,787	161,601	.8	6.5	209,942	287,765
California.....	4,219,040	4,746,632	5,009,668	24.3	6.8	6,815,250	7,398,576
Colorado.....	3,348,385	3,393,619	3,220,885	15.3	-5.1	4,078,712	3,913,542
Idaho.....	2,488,806	2,181,250	2,277,857	10.8	4.4	2,617,021	2,593,634
Kansas.....	47,312	71,290	99,980	.5	40.2	83,583	142,409
Louisiana.....	454,862	450,901	447,095	2.1	—	795,165	759,915
Montana.....	1,681,729	1,594,912	1,711,409	8.1	7.8	2,278,000	2,344,390
Nebraska.....	442,890	532,617	610,379	2.9	14.6	703,641	992,957
Nevada.....	561,447	486,648	739,863	3.5	52.0	736,249	841,304
New Mexico.....	538,377	527,033	554,039	2.6	5.1	656,689	731,990
North Dakota.....	12,072	9,392	21,615	.1	130.1	24,006	36,522
Oklahoma.....	2,969	1,573	4,160	(1)	164.5	7,331	8,624
Oregon.....	966,162	895,713	1,049,176	5.0	16.7	1,158,210	1,261,081
South Dakota.....	100,682	67,107	50,198	.3	-10.3	109,550	121,647
Texas.....	586,120	798,917	1,045,224	5.0	30.8	1,177,415	1,773,812
Utah.....	1,371,651	1,324,125	1,176,116	6.6	-11.2	1,542,475	1,367,714
Washington.....	529,899	499,283	615,013	2.9	23.2	631,611	731,527
Wyoming.....	1,207,982	1,236,155	1,486,498	7.1	20.3	1,655,006	1,913,527
PRINCIPAL DRAINAGE BASIN							
Red River (of the North).....		2,099	4,493	(1)	114.1	2,099	7,990
Missouri River.....	4,147,278	4,185,180	4,410,385	21.0	5.4	5,472,012	5,942,958
Mississippi River, exclusive of Missouri River.....	958,493	902,560	927,594	4.4	2.6	1,170,583	1,350,911
Gulf of Mexico streams other than Mis- sissippi River and Rio Grande.....	606,077	662,958	902,392	4.3	36.1	1,221,997	1,520,796
Rio Grande.....	1,312,855	1,564,725	1,521,578	7.2	-2.8	1,914,781	2,177,705
Colorado River.....	2,326,090	2,537,124	2,638,120	12.6	4.0	3,335,914	3,367,744
Whitewater Draw and Vamori Wash <sup>2</sup> .....	5,871	3,301	8,496	(1)	157.4	4,753	13,402
Great Basin Drainage.....	2,277,651	2,036,033	2,073,727	9.9	1.9	2,536,492	2,381,171
Columbia River.....	3,873,245	3,393,640	3,819,736	18.2	12.6	4,241,244	4,426,367
Klamath River.....	153,105	187,991	271,038	1.3	44.2	264,949	310,560
Sacramento-San Joaquin Delta and tributary streams.....	2,744,644	3,157,132	3,393,882	16.2	7.5	4,795,836	5,132,597
Pacific Ocean streams, other than Colo- rado, Columbia, and Klamath Rivers and Sacramento-San Joaquin Delta and tributary streams.....	693,807	914,801	1,032,294	4.9	12.6	1,141,230	1,422,997

<sup>1</sup> Less than  $\frac{1}{10}$  of 1 percent.

<sup>2</sup> Data for censuses of 1920 and 1930 are for Whitewater Draw and unidentified tributaries, and exclude independent basin, Vamori Wash.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Irrigation of Agricultural Lands.

**No. 632.—IRRIGATION ENTERPRISES—CAPITAL INVESTED, 1920, 1930, AND 1940, AND AVERAGE INVESTMENT PER ACRE, 1930 AND 1940, BY STATES AND BY PRINCIPAL DRAINAGE BASINS**

[Data are for the 17 Western States and Arkansas and Louisiana. Minus sign (—) denotes decrease]

STATE OR DRAINAGE BASIN	CAPITAL INVESTED							
	1920	1930	1940		In-crease 1930- 1940	Average per acre works were capable of supplying with water <sup>1</sup>		In-crease per acre 1930- 1940
			Total	Pro-portion of total		1930	1940	
STATE	Dollars	Dollars	Dollars	Per-cent	Per-cent	Dollars	Dollars	Dollars
<b>Total for 19 States</b> .....	697, 657, 328	992, 755, 790	1, 032, 049, 201	100. 0	17. 8	34. 20	37. 50	1. 30
Arizona.....	33, 496, 094	73, 328, 197	83, 520, 808	7. 9	13. 9	88. 97	98. 94	9. 97
Arkansas.....	7, 183, 322	6, 830, 648	5, 708, 895	. 8	-15. 6	32. 56	20. 04	-12. 52
California.....	194, 886, 388	310, 967, 979	318, 889, 218	30. 3	2. 5	45. 83	43. 10	-2. 53
Colorado.....	88, 202, 442	87, 503, 240	106, 849, 343	10. 2	22. 0	21. 48	27. 30	5. 82
Idaho.....	91, 601, 009	84, 500, 354	102, 585, 798	9. 8	21. 4	32. 29	39. 55	7. 26
Kansas.....	2, 067, 381	1, 085, 652	2, 153, 896	. 2	27. 8	20. 17	15. 12	-5. 05
Louisiana.....	14, 063, 181	15, 744, 743	11, 565, 513	1. 1	-26. 6	19. 80	15. 22	-4. 58
Montana.....	52, 143, 363	50, 819, 204	67, 852, 505	6. 4	33. 9	22. 11	28. 73	6. 62
Nebraska.....	13, 909, 185	21, 386, 319	39, 056, 207	3. 7	82. 6	30. 39	39. 32	8. 94
Nevada.....	14, 754, 280	15, 457, 931	16, 906, 790	1. 6	9. 4	21. 00	20. 10	-. 90
New Mexico.....	18, 210, 412	19, 834, 280	32, 785, 007	3. 1	65. 0	30. 20	44. 72	14. 52
North Dakota.....	1, 857, 118	1, 207, 314	1, 755, 489	. 2	38. 5	52. 79	48. 07	-4. 72
Oklahoma.....	181, 325	160, 090	272, 180	( <sup>2</sup> )	70. 0	21. 84	31. 50	9. 72
Oregon.....	28, 929, 151	38, 754, 548	50, 961, 251	4. 8	31. 5	33. 46	40. 41	6. 95
South Dakota.....	5, 465, 248	4, 502, 117	5, 395, 610	. 5	19. 8	41. 10	44. 28	3. 18
Texas.....	35, 072, 739	49, 022, 164	65, 441, 375	6. 3	35. 5	41. 84	37. 48	-4. 16
Utah.....	32, 037, 351	35, 609, 819	41, 896, 532	4. 0	17. 8	22. 13	30. 66	7. 73
Washington.....	29, 299, 011	40, 661, 895	66, 415, 196	5. 4	39. 1	64. 23	77. 12	12. 80
Wyoming.....	34, 325, 328	35, 153, 187	41, 822, 801	4. 0	18. 1	21. 24	21. 70	. 46
<b>PRINCIPAL DRAINAGE BASIN</b>								
Red River (of the North).....		20, 928	130, 566	( <sup>3</sup> )	524. 0	9. 97	16. 26	6. 29
Missouri River.....	131, 553, 106	135, 806, 721	179, 750, 238	17. 1	81. 7	24. 05	30. 25	5. 30
Mississippi River, exclusive of Missouri River.....	35, 183, 789	31, 831, 673	37, 101, 932	3. 5	16. 6	27. 19	27. 46	. 27
Gulf of Mexico streams other than Mississippi River and Rio Grande.....	29, 439, 806	28, 578, 193	30, 498, 361	2. 9	6. 7	23. 39	30. 05	-6. 34
Rio Grande.....	34, 824, 111	53, 748, 608	80, 563, 908	7. 7	49. 9	28. 07	26. 99	8. 92
Colorado River.....	88, 939, 884	132, 350, 247	165, 800, 882	14. 8	17. 7	39. 67	46. 26	6. 59
Whitewater Draw and Vamori Wash. <sup>1</sup> .....	299, 368	230, 606	226, 627	( <sup>3</sup> )	-1. 7	48. 52	16. 83	-31. 69
Great Basin Drainage.....	62, 207, 175	67, 579, 074	59, 698, 965	5. 7	11. 7	26. 04	23. 07	-2. 97
Columbia River.....	145, 672, 382	157, 355, 114	206, 523, 303	19. 6	31. 2	37. 10	46. 66	9. 56
Klamath River.....	5, 502, 890	9, 430, 565	10, 430, 941	1. 0	10. 6	35. 59	33. 59	-2. 00
Sacramento-San Joaquin Delta and tributary streams.....	100, 527, 789	164, 628, 093	171, 004, 939	16. 3	3. 9	34. 33	33. 32	-1. 01
Pacific Ocean streams, other than Colorado, Columbia, and Klamath Rivers and Sacramento-San Joaquin Delta and tributary streams.....	63, 507, 056	110, 495, 970	120, 318, 580	11. 4	8. 9	96. 82	84. 55	-12. 27

<sup>1</sup> Based on primary acreage and total capital invested.

<sup>2</sup> Less than  $\frac{1}{10}$  of 1 percent.

<sup>3</sup> Data for censuses of 1920 and 1930 are for Whitewater Draw and unidentified tributaries, and exclude the independent basin, Vamori Wash.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Irrigation of Agricultural Lands.

**No. 633.—IRRIGATION ENTERPRISES—AREA IRRIGATED, AREA WORKS WERE CAPABLE OF SUPPLYING WITH WATER, CAPITAL INVESTED, AND AVERAGE INVESTMENT PER ACRE, BY TYPE OF ENTERPRISE: 1920, 1930, AND 1940**

[Data are for the 17 Western States and Arkansas and Louisiana. Minus sign (—) denotes decrease]

TYPE OF ENTERPRISE	CENSUS OF—							
	1920, all enter- prises	1930		1940				
		All enter- prises	Propor- tion of total	All enter- prises	Propor- tion of total	In- crease 1930- 1940	Primary enter- prises <sup>1</sup>	Supple- mental enter- prises <sup>1</sup>
AREA IRRIGATED								
Total.....	Acres 19, 191, 716	Acres 19, 547, 544	Percent 100. 0	Acres 21, 003, 739	Percent 100. 0	Percent 7. 4	Acres 21, 003, 739	Acres 3, 287, 210
Individual and partner- ship.....	6, 848, 807	6, 410, 581	32. 8	7, 314, 152	34. 8	14. 1	7, 314, 152	596, 171
Cooperatives.....	6, 581, 400	6, 271, 334	32. 1	6, 652, 488	31. 7	6. 1	6, 652, 488	858, 388
Irrigation district.....	1, 822, 887	3, 452, 275	17. 7	3, 514, 702	16. 7	1. 8	3, 514, 702	211, 470
Commercial.....	1, 822, 001	1, 230, 763	6. 3	1, 017, 781	4. 8	—17. 3	1, 017, 781	128, 238
U. S. Bureau of Reclama- tion.....	1, 254, 569	1, 485, 028	7. 6	1, 824, 004	8. 7	22. 8	1, 824, 004	1, 460, 470
U. S. Office of Indian Affairs.....	284, 551	331, 840	1. 7	515, 765	2. 5	55. 4	515, 765	-----
All other <sup>2</sup> .....	577, 501	365, 723	1. 8	164, 847	. 8	—54. 9	164, 847	32, 473
AREA WORKS WERE CAPABLE OF SUPPLYING WITH WATER								
Total.....	26, 020, 477	26, 101, 890	100. 0	28, 055, 248	100. 0	7. 5	28, 055, 248	4, 268, 394
Individual and partner- ship.....	9, 255, 756	7, 982, 142	30. 6	9, 633, 198	34. 3	20. 7	9, 633, 198	798, 308
Cooperatives.....	8, 403, 298	7, 861, 081	30. 1	7, 996, 236	28. 5	1. 7	7, 996, 236	990, 411
Irrigation district.....	2, 531, 425	4, 846, 095	18. 6	4, 969, 395	17. 7	2. 5	4, 969, 395	451, 677
Commercial.....	2, 799, 563	2, 160, 950	8. 3	1, 961, 202	7. 0	—9. 2	1, 961, 202	232, 804
U. S. Bureau of Reclama- tion.....	1, 680, 643	1, 944, 825	7. 4	2, 349, 967	8. 4	20. 8	2, 349, 967	1, 762, 721
U. S. Office of Indian Affairs.....	484, 486	739, 446	2. 8	802, 996	2. 9	8. 6	802, 996	-----
All other <sup>2</sup> .....	865, 306	567, 351	2. 2	342, 254	1. 2	—39. 7	342, 254	32, 473
CAPITAL INVESTED								
Total.....	Dollars 697, 657, 328	Dollars 892, 755, 790	Percent 100. 0	Dollars 1, 052, 049, 201	Percent 100. 0	Percent 17. 8	Dollars 963, 888, 263	Dollars 88, 160, 938
Individual and partner- ship.....	154, 634, 169	187, 867, 180	21. 0	187, 382, 730	17. 8	— . 3	170, 368, 731	17, 013, 999
Cooperatives.....	183, 041, 500	179, 329, 962	20. 1	224, 140, 876	21. 3	25. 0	205, 082, 550	19, 058, 326
Irrigation district.....	88, 573, 514	210, 733, 476	23. 6	265, 737, 810	25. 3	26. 1	260, 701, 900	5, 035, 910
Commercial.....	85, 735, 470	62, 351, 714	7. 0	66, 243, 823	6. 3	6. 2	59, 250, 003	6, 993, 820
U. S. Bureau of Reclama- tion.....	129, 509, 819	193, 989, 576	21. 7	250, 245, 359	23. 8	29. 0	211, 046, 133	39, 199, 226
U. S. Office of Indian Affairs.....	14, 851, 236	31, 576, 920	3. 5	48, 420, 058	4. 6	53. 3	48, 420, 058	-----
All other <sup>2</sup> .....	41, 311, 620	26, 906, 962	3. 1	9, 878, 545	. 9	—63. 3	9, 018, 888	859, 657
AVERAGE INVESTMENT PER ACRE WORKS WERE CAPABLE OF SUPPLYING WITH WATER								
Total.....	26. 81	34. 20	-----	37. 50	-----	9. 6	34. 36	20. 65
Individual and partner- ship.....	16. 71	23. 54	-----	(3)	-----	(3)	17. 69	21. 31
Cooperatives.....	21. 78	22. 81	-----	(3)	-----	(3)	25. 65	19. 24
Irrigation district.....	34. 99	43. 49	-----	(3)	-----	(3)	52. 46	11. 15
Commercial.....	30. 62	28. 85	-----	(3)	-----	(3)	30. 21	30. 04
U. S. Bureau of Reclama- tion.....	77. 06	99. 75	-----	(3)	-----	(3)	89. 81	22. 24
U. S. Office of Indian Affairs.....	30. 65	42. 70	-----	60. 30	-----	41. 2	60. 30	-----
All other <sup>2</sup> .....	47. 74	47. 43	-----	(3)	-----	(3)	26. 35	26. 47

<sup>1</sup> Areas shown under "Supplemental enterprises" are parts of areas shown under "Primary enterprises" and therefore are not added again into totals.

<sup>2</sup> Includes State, City, and/or Sewage, and other enterprises.

<sup>3</sup> Not computed for types having investments in supplemental enterprises because areas served with supplemental water were not identified.

Source: Department of Commerce, Bureau of the Census, Sixteenth Census Reports, Irrigation of Agricultural Lands.

**No. 634.—IRRIGATION ENTERPRISES—NUMBER, AREA IRRIGATED, AREA WORKS WERE CAPABLE OF SUPPLYING WITH WATER, AND CAPITAL INVESTED, WITH SPECIFIED AVERAGES, BY SOURCE OF WATER SUPPLY: 1940**

[Data are for the 17 Western States and Arkansas and Louisiana]

SOURCE OF WATER SUPPLY	Enter- prises	Area ir- rigated <sup>1</sup>	Area works were capable of supplying with water <sup>1</sup>	Capital invested	AVERAGE PER ACRE—				Average cost of water deliv- ered per acre- foot <sup>4</sup>
					Invest- ment <sup>2</sup>	Mainte- nance and opera- tion <sup>3</sup>	Quan- tity of water deliv- ered <sup>4</sup>	Cost of water	
	Number	Acres	Acres	1,000 dollars	Dollars	Dollars	Acres- foot	Dollars	Dollars
<b>Total</b> .....	91,637	21,003,739	28,066,248	1,062,049	27.50	2.28	3.0	3.28	1.11
<b>Primary sources:</b>									
Streams, gravity.....	25,726	13,063,955	16,811,045	441,279	26.25	.84	2.6	1.18	.45
Streams, pumped.....	5,915	1,724,800	2,781,219	81,236	29.42	3.81	3.2	4.39	1.29
Streams, gravity and pumped.....	344	1,266,148	1,796,105	138,542	77.13	2.23	4.0	2.72	.69
Wells, pumped.....	28,718	2,608,078	3,621,991	139,675	38.56	6.92	2.6	7.28	2.84
Wells, flowing.....	1,898	41,481	80,222	1,708	83.96	1.01	2.6	1.06	.40
Wells, pumping and flowing.....	163	20,835	24,860	1,855	74.66	7.96	2.6	8.98	3.47
Lakes, gravity.....	149	25,659	44,305	1,948	27.86	1.06	3.1	1.31	.43
Lakes, pumped.....	354	45,831	70,318	1,865	26.52	3.40	1.8	3.32	1.86
Springs.....	2,432	219,373	253,493	3,357	13.24	.83	2.8	.93	.41
Springs and streams.....	995	230,004	287,297	4,053	14.11	.51	2.3	.64	.29
Stored storm water.....	434	21,399	33,217	639	19.20	1.12	1.4	1.20	.87
City water.....	184	10,837	14,372	540	37.57	4.66	3.5	5.71	1.64
Sewage.....	53	5,260	6,447	210	32.50	2.41	2.7	2.39	.90
Streams, gravity; wells, pumped.....	530	1,252,329	1,533,861	111,875	72.94	3.56	2.5	4.30	1.73
Streams, gravity; wells, flowing.....	111	71,571	81,553	1,715	21.08	.70	1.4	.57	.65
Streams, pumped; wells, pumped.....	437	172,636	225,108	19,194	85.27	6.19	2.4	6.46	2.70
Waste water, seepage or drainage.....	770	65,613	113,393	699	6.17	1.45	2.1	1.49	.70
Other mixed.....	741	266,932	225,952	14,201	42.57	2.44	2.3	2.83	1.01
Other and not reported.....	1								
<b>Supplemental sources:</b>									
Streams, gravity and/or storage.....	718	2,735,676	3,531,553	99,896	19.79	.31	1.3	.46	.35
Streams, pumped.....	231	25,674	35,257	1,623	45.89	4.64	2.7	3.55	1.39
Wells, pumped.....	10,066	518,429	693,540	16,525	23.83	3.86	1.9	3.63	2.06
Wells, flowing.....	120	6,441	7,944	117	14.78	.24	1.3	.27	.22

<sup>1</sup> Areas shown under "Supplemental sources" are parts of areas shown under "Primary sources" and therefore are not added again into total. <sup>2</sup> Based on area works were capable of supplying with water.

<sup>3</sup> Based on irrigated area in enterprises reporting cost of maintenance and operation.

<sup>4</sup> Based on enterprises reporting both quantity and cost of water, assuming (a) that for enterprises serving 1 to 4 units cost of water is cost of maintenance and operation, and for enterprises serving 5 or more units it is total annual charges, and (b) that enterprises reporting cost and quantity of water had used same quantity of water per acre as all enterprises which reported water delivered.

**No. 635.—IRRIGATION ENTERPRISES—COST OF MAINTENANCE AND OPERATION, BY STATES: 1929 AND 1939**

[Data are for the 17 Western States and Arkansas and Louisiana]

STATE	COST OF MAINTENANCE AND OPERATION							
	Irrigated area in enterprises re- porting maintenance and operation (acres)			Reported cost, 1939 (dollars)		Average per acre irri- gated (dollars)		
	1929, all enterprises	1939 Primary	Supple- mental	Primary	Supple- mental	1929, all enter- prises	1939 Pri- mary	Supple- mental
<b>Total for 19 States</b> .....	18,696,184	28,193,761	2,983,963	43,172,526	2,828,094	2.77	2.14	6.96
Arizona.....	551,605	630,942	14,463	3,101,467	50,715	4.57	4.92	3.51
Arkansas.....	147,921	153,346	231	835,891	1,201	7.08	5.48	5.30
California.....	4,538,579	4,631,550	439,235	21,229,685	1,620,218	6.10	4.39	2.69
Colorado.....	3,235,629	3,128,787	606,498	2,035,690	498,440	.85	.65	.82
Idaho.....	2,109,067	2,219,486	889,254	2,256,796	202,650	1.44	1.03	.23
Kansas.....	64,963	99,033	13,626	227,076	29,689	1.53	2.29	2.15
Louisiana.....	431,337	436,931	2,434	1,589,007	3,683	4.09	3.64	1.51
Montana.....	1,476,854	1,650,373	168,762	1,180,189	20,908	.87	.72	.12
Nebraska.....	524,350	602,582	171,448	839,682	119,770	1.54	1.39	.70
Nevada.....	474,422	686,722	84,722	293,869	28,706	.91	.43	.46
New Mexico.....	493,229	516,916	5,083	1,082,768	10,142	2.16	2.09	2.00
North Dakota.....	8,773	21,250		20,072		1.97	1.41	
Oklahoma.....	935	3,899		12,973		7.63	3.35	
Oregon.....	863,665	952,940	97,643	1,137,018	71,049	1.41	1.18	.73
South Dakota.....	65,783	56,426		71,966		1.32	1.28	
Texas.....	772,160	1,002,202	51,197	2,863,224	32,666	4.74	3.86	.64
Utah.....	1,301,098	1,144,100	822,085	861,814	84,981	1.00	.77	.26
Washington.....	487,977	602,414	22,296	1,672,992	11,314	4.14	2.78	.51
Wyoming.....	1,131,867	1,421,652	93,014	807,345	31,923	.84	.97	.34

Source of tables 634 and 635: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Irrigation of Agricultural Lands.

**No. 636.—IRRIGATION ENTERPRISES, PRIMARY AND SUPPLEMENTAL, BY SPECIFIED GROUPS OF IRRIGATED UNITS, AREA IRRIGATED, AND COST OF IRRIGATION WORKS AND EQUIPMENT: 1940**

[Data are for the 17 Western States and Arkansas and Louisiana]

ITEM	Enter- prises	Irrigated units	Area irrigated	Capital invested	AVERAGE PER ACRE	
					Invest- ment <sup>1</sup>	Annual charges <sup>2</sup>
<b>PRIMARY ENTERPRISES</b>						
<b>Total.....</b>	<b>Number 80,502</b>	<b>Number 430,022</b>	<b>Acres 21,003,739</b>	<b>Dollars 963,888,263</b>	<b>Dollars 34.36</b>	<b>Dollars 1.96</b>
<b>Irrigated units, 1939:</b>						
No units <sup>3</sup> .....	2,227	-----	-----	12,153,234	29.71	.32
1 unit.....	66,269	66,269	5,832,007	140,428,110	18.45	-----
2 to 4 units.....	6,567	16,297	1,244,689	27,297,580	16.89	-----
5 to 24 units.....	3,572	36,782	2,371,642	65,530,535	21.51	1.40
25 to 99 units.....	1,253	50,464	2,760,280	96,274,601	25.41	1.62
100 to 999 units.....	564	141,640	5,448,420	385,076,346	51.77	2.19
1,000 units and more.....	50	100,570	3,337,701	237,127,857	57.20	2.32
<b>Acres irrigated, 1939:</b>						
No acres <sup>3</sup> .....	2,227	-----	-----	12,153,234	29.71	.32
1 to 99 acres.....	57,207	68,421	1,627,740	80,654,407	31.80	6.98
100 to 299 acres.....	12,906	31,288	2,125,032	53,708,037	19.30	3.96
300 to 1,799 acres.....	6,619	68,498	4,265,380	100,787,171	19.31	1.71
1,800 to 7,499 acres.....	1,185	76,042	4,059,903	151,913,671	28.09	1.96
7,500 to 74,999 acres.....	340	137,688	6,522,638	435,698,244	49.67	2.02
75,000 acres and more.....	18	48,085	2,403,046	128,973,499	44.07	1.92
<b>Cost of irrigation works and equipment:</b>						
Less than \$5,000.....	69,573	103,514	5,635,965	78,081,210	10.75	.50
\$5,000 to \$14,999.....	7,536	34,500	2,413,431	57,691,158	19.37	.97
\$15,000 to \$99,999.....	2,574	57,831	3,187,634	84,340,652	20.27	1.49
\$100,000 to \$1,499,999.....	708	108,468	4,546,857	267,736,289	40.53	2.52
\$1,500,000 to \$9,999,999.....	108	118,139	4,880,522	423,641,958	63.72	2.01
\$10,000,000 and more.....	3	7,570	339,330	52,396,996	131.42	3.96
<b>SUPPLEMENTAL ENTERPRISES</b>						
<b>Total.....</b>	<b>11,135</b>	<b>61,794</b>	<b>3,287,210</b>	<b>88,160,938</b>	<b>20.65</b>	<b>.54</b>
<b>Irrigated units, 1939:</b>						
No units <sup>3</sup> .....	805	-----	-----	4,531,850	22.01	.26
1 unit.....	9,563	9,563	513,281	14,434,239	22.66	-----
2 to 4 units.....	552	1,283	67,384	1,269,112	15.47	-----
5 to 24 units.....	84	1,011	125,186	1,889,114	12.91	.41
25 to 99 units.....	66	3,514	340,926	7,262,672	18.45	.69
100 to 999 units.....	53	13,297	882,426	26,870,792	24.19	.80
1,000 units and more.....	12	33,126	1,358,007	31,903,150	18.85	.30
<b>Acres irrigated, 1939:</b>						
No acres <sup>3</sup> .....	805	-----	-----	4,531,850	22.01	.26
1 to 99 acres.....	8,679	9,161	271,662	9,244,631	26.06	5.25
100 to 299 acres.....	1,246	1,764	196,058	4,008,814	17.10	2.07
300 to 1,799 acres.....	275	2,506	160,426	4,415,179	20.50	1.72
1,800 to 7,499 acres.....	70	5,384	255,111	6,339,066	22.38	.90
7,500 to 74,999 acres.....	53	19,366	1,100,378	36,208,445	24.54	.71
75,000 acres and more.....	7	23,613	1,303,575	23,412,944	15.62	.24
<b>Cost of irrigation works and equipment:</b>						
Less than \$5,000.....	10,486	11,413	525,450	11,522,414	16.79	.37
\$5,000 to \$14,999.....	437	2,190	161,264	3,308,622	16.39	.34
\$15,000 to \$99,999.....	137	5,581	271,390	5,175,441	15.00	.74
\$100,000 to \$1,499,999.....	64	13,986	1,051,041	34,092,181	22.35	.76
\$1,500,000 to \$9,999,999.....	11	28,624	1,278,056	34,062,280	22.55	.29

<sup>1</sup> Based on acreage works were capable of supplying with water.

<sup>2</sup> Based on acreage assessed by enterprises serving 5 units or more.

<sup>3</sup> Relates to enterprises reporting no irrigation in 1939 but having works capable of supplying water in 1940.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Irrigation of Agricultural Lands.

No. 687.—IRRIGATION ENTERPRISES—DAMS, RESERVOIRS, CANALS, PIPE LINES, AND FLOWING WELLS, BY STATES AND BY PRINCIPAL DRAINAGE BASINS: 1940

[Data are for the 17 Western States and Arkansas and Louisiana]

STATE OR DRAINAGE BASIN	DAMS		RESERVOIRS		CANALS		Pipe lines	WELLS FLOWING	
	Diver-sion	Stor-age	Total	Capacity	Length	Capa-city at main head-ing		Total	Yield
STATE	Num-ber	Num-ber	Num-ber	Acre-feet	Miles	Sec.-feet	Miles	Num-ber	Gals. per min.
Total for 19 States.....	34,544	4,607	7,709	33,787,382	127,533.7	612,021	28,584.9	4,641	555,073
Arizona.....	602	199	333	4,860,898	4,178.2	13,258	344.3	268	22,878
Arkansas.....	6	27	24	31,992	77.9	270	13.0	.....	.....
California.....	2,714	709	2,652	3,581,621	19,799.1	91,776	22,690.2	436	34,767
Colorado.....	4,792	1,015	1,071	2,071,522	19,864.0	139,780	245.1	896	54,859
Idaho.....	3,209	260	290	3,795,272	13,602.1	71,510	299.9	375	40,165
Kansas.....	102	40	80	32,584	292.5	3,347	24.1	24	1,453
Louisiana.....	105	114	75	34,199	2,421.0	10,335	63.6	502	12,695
Montana.....	6,136	468	517	1,301,422	15,702.5	66,745	148.1	44	9,834
Nebraska.....	351	156	164	2,306,159	3,331.3	14,256	126.1	19	370
Nevada.....	1,896	122	200	696,005	2,897.2	22,930	104.7	322	39,835
New Mexico.....	1,072	141	502	3,280,550	4,647.9	16,821	36.5	268	181,076
North Dakota.....	19	14	14	3,946	159.2	616	3.8	.....	.....
Oklahoma.....	8	21	20	900	42.2	277	24.4	.....	.....
Oregon.....	5,097	247	257	2,212,315	8,518.0	37,290	665.2	76	3,396
South Dakota.....	258	74	82	209,785	1,049.3	1,948	17.3	19	5,377
Texas.....	244	194	542	1,405,024	5,936.1	24,813	923.1	100	39,508
Utah.....	1,973	362	438	3,417,704	9,004.5	34,579	172.5	1,216	83,838
Washington.....	1,755	125	114	1,165,527	4,248.6	15,104	2,612.7	50	21,192
Wyoming.....	4,205	319	334	3,379,957	11,762.1	46,366	70.3	36	3,830
PRINCIPAL DRAINAGE BASIN									
Red River (of the North).....	5	2	2	720	23.9	365	1.9	.....	.....
Missouri River.....	8,897	1,237	1,332	6,715,271	31,131.1	148,255	400.6	79	9,915
Mississippi River, exclusive of Mis-souri River.....	959	360	425	1,608,164	4,838.6	49,858	174.5	47	4,263
Gulf of Mexico streams other than Mississippi River and Rio Grande.....	196	204	436	334,176	4,569.8	18,860	221.0	576	43,504
Rio Grande.....	1,450	162	567	3,864,857	8,702.9	43,851	774.3	1,136	240,308
Colorado River.....	4,391	840	1,030	5,717,080	20,894.1	81,033	919.0	463	48,584
Whitewater Draw and Vamori Wash.....	158	6	18	74	26.0	484	4.9	6	765
Great Basin Drainage.....	4,263	462	766	3,781,538	10,757.6	57,949	984.7	1,698	118,499
Columbia River.....	11,208	590	614	7,517,123	27,535.0	121,457	3,181.4	374	65,579
Klamath River.....	670	52	60	1,165,143	1,904.3	9,179	52.8	3	42
Sacramento-San Joaquin Delta and tributary streams.....	1,497	358	1,310	2,681,435	15,202.8	72,735	7,437.1	47	3,403
Pacific Ocean streams, other than the Colorado, Columbia, and Klamath Rivers and Sacramento-San Joaquin Delta and tributary streams.....	850	334	1,149	401,801	1,947.6	7,995	14,432.7	212	20,211

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Irrigation of Agricultural Lands.



**No. 688.—IRRIGATION ENTERPRISES—NUMBER AND YIELD OF PUMPED WELLS, CAPACITY OF PRIME MOVERS, NUMBER AND CAPACITY OF PUMPS, AND AVERAGE PUMPING LIFT, BY STATES AND BY PRINCIPAL DRAINAGE BASINS: 1940**

[Data are for the 17 Western States and Arkansas and Louisiana]

STATE OR DRAINAGE BASIN	PUMPED WELLS				PUMPING PLANTS						Average pumping lift Feet
	Total		Yield		Capacity of prime movers		Pumps				
	Total	Proportion of to- tal	Total	Proportion of to- tal	Total	Proportion of to- tal	Total	Capacity			
								Total	Proportion of total		
STATE	Num- ber	Per- cent	Gals. per min.	Per- cent	Hp.	Per- cent	Num- ber	Gals. per min.	Per- cent	Feet	
Total for 19 States.....	68, 379	100. 0	43, 355, 371	100. 0	1, 762, 687	100. 0	78, 628	75, 802, 998	100. 0	51	
Arizona.....	1, 858	2. 7	2, 508, 337	5. 8	102, 733	5. 8	1, 969	2, 992, 986	3. 9	60	
Arkansas.....	1, 534	2. 2	1, 812, 647	4. 2	76, 048	4. 3	1, 633	2, 013, 697	2. 7	61	
California.....	48, 568	71. 1	28, 207, 969	65. 3	968, 351	54. 9	52, 016	39, 147, 470	51. 7	55	
Colorado.....	2, 878	4. 2	1, 929, 798	4. 5	49, 157	2. 8	2, 818	2, 263, 375	3. 0	32	
Idaho.....	309	. 5	225, 164	. 5	44, 637	2. 5	675	2, 719, 905	3. 6	26	
Kansas.....	1, 638	2. 4	863, 663	2. 0	26, 796	1. 5	1, 259	1, 231, 482	1. 6	35	
Louisiana.....	1, 504	2. 2	1, 526, 613	3. 5	85, 574	4. 9	2, 403	6, 453, 487	8. 5	32	
Montana.....	102	. 1	33, 883	. 1	29, 110	1. 7	680	1, 309, 014	1. 7	21	
Nebraska.....	2, 412	3. 5	2, 053, 184	4. 7	53, 572	3. 0	2, 848	2, 528, 909	3. 3	32	
Nevada.....	167	. 2	50, 938	. 1	2, 262	. 1	196	141, 065	. 2	31	
New Mexico.....	1, 487	2. 2	1, 143, 276	2. 6	40, 110	2. 3	1, 559	1, 209, 005	1. 7	44	
North Dakota.....	11	( <sup>1</sup> )	378	( <sup>1</sup> )	1, 253	. 1	83	104, 158	. 1	17	
Oklahoma.....	77	. 1	15, 488	( <sup>1</sup> )	1, 037	. 1	116	59, 280	. 1	28	
Oregon.....	901	1. 3	209, 289	. 5	29, 527	1. 7	2, 266	1, 510, 958	2. 0	27	
South Dakota.....	16	( <sup>1</sup> )	1, 039	( <sup>1</sup> )	2, 080	. 1	127	103, 050	. 1	20	
Texas.....	3, 396	5. 0	2, 213, 230	5. 1	195, 061	11. 1	4, 754	9, 916, 226	13. 1	63	
Utah.....	286	. 4	122, 528	. 3	14, 216	. 8	409	835, 862	1. 1	35	
Washington.....	1, 041	1. 5	297, 327	. 7	37, 131	2. 1	2, 488	953, 751	1. 3	47	
Wyoming.....	94	. 1	60, 522	. 1	4, 152	. 2	230	209, 589	. 3	20	
PRINCIPAL DRAINAGE BASIN											
Red River (of the North).....					274	( <sup>1</sup> )	15	26, 045	( <sup>1</sup> )	21	
Missouri River.....	4, 760	7. 0	3, 633, 499	8. 4	117, 173	6. 6	5, 994	5, 733, 010	7. 6	32	
Mississippi River, exclusive of Missouri River.....	4, 428	6. 5	3, 493, 820	8. 1	145, 760	8. 3	4, 190	4, 275, 330	6. 6	57	
Gulf of Mexico streams other than Mississippi River and Rio Grande.....	4, 158	6. 1	3, 210, 783	7. 4	208, 930	11. 9	5, 697	11, 648, 141	15. 4	50	
Rio Grande.....	1, 712	2. 5	1, 291, 071	3. 0	76, 569	4. 3	2, 353	5, 486, 952	7. 3	42	
Colorado River.....	2, 395	3. 5	2, 758, 983	6. 4	117, 403	6. 7	2, 640	3, 618, 220	4. 8	54	
Whitewater Draw and Vernal Wash.....	142	. 2	45, 537	. 1	2, 070	. 1	144	63, 344	. 1	57	
Great Basin Drainage.....	1, 308	1. 9	653, 078	1. 5	39, 973	2. 3	1, 448	1, 514, 748	2. 0	71	
Columbia River.....	1, 972	2. 9	687, 639	1. 6	105, 911	6. 0	4, 439	4, 609, 862	6. 1	39	
Klamath River.....	56	. 1	29, 509	. 1	6, 854	. 4	224	506, 460	. 7	26	
Sacramento-San Joaquin Delta and tributary streams.....	32, 418	47. 4	20, 042, 298	46. 1	552, 198	31. 3	34, 831	29, 684, 592	39. 1	42	
Pacific Ocean streams, other than the Colorado, Columbia, and Klamath Rivers and Sacramento-San Joaquin Delta and tributary streams.....	14, 932	21. 9	7, 509, 059	17. 3	839, 587	22. 1	16, 552	8, 630, 295	11. 4	30	

<sup>1</sup> Less than  $\frac{1}{16}$  of 1 percent.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Irrigation of Agricultural Lands.

No. 689.—IRRIGATED LAND IN FARMS, BY STATES: 1939 AND 1944

[In 1940, the schedule called for land from which irrigated crops were harvested in 1939, and for land irrigated in 1939 and used for grazing or pasture; in 1945, for total land in farms irrigated in 1944]

DIVISION AND STATE	FARMS REPORTING		ACRES IRRIGATED	
	1939	1944	1939	1944
United States.....	299, 604	288, 195	17, 982, 830	20, 539, 479
The North.....	13, 656	12, 448	667, 820	861, 979
The South.....	32, 639	29, 008	1, 601, 384	2, 372, 296
The West.....	253, 309	246, 739	15, 713, 626	17, 305, 196
New England.....	338	922	2, 846	12, 153
Maine.....	33	3	143	100
New Hampshire.....	7	10	25	63
Vermont.....		2		6
Massachusetts.....	231	874	2, 049	11, 355
Rhode Island.....	10	9	109	133
Connecticut.....	57	24	520	496
Middle Atlantic.....	1, 446	1, 415	17, 260	30, 792
New York.....	567	646	5, 948	10, 316
New Jersey.....	580	675	7, 956	11, 712
Pennsylvania.....	299	94	3, 356	8, 764
East North Central.....	1, 491	1, 206	10, 833	12, 795
Ohio.....	658	463	4, 536	4, 178
Indiana.....	136	123	685	830
Illinois.....	72	47	307	368
Michigan.....	462	347	2, 960	2, 850
Wisconsin.....	163	226	2, 345	4, 569
West North Central.....	10, 381	8, 905	636, 881	806, 239
Minnesota.....	216	27	2, 968	210
Iowa.....	88	54	2, 258	1, 197
Missouri.....	140	118	960	1, 113
North Dakota.....	479	206	19, 975	22, 814
South Dakota.....	967	708	54, 073	52, 896
Nebraska.....	6, 913	7, 156	473, 775	631, 762
Kansas.....	1, 578	636	82, 872	96, 248
South Atlantic.....	4, 119	4, 199	128, 037	224, 446
Delaware.....	2	3	7	22
Maryland.....	17	8	67	287
District of Columbia.....		16		45
Virginia.....	53	31	687	1, 419
West Virginia.....	23	11	270	42
North Carolina.....	37	19	246	229
South Carolina.....	14	5	411	63
Georgia.....	26	14	158	423
Florida.....	3, 947	4, 092	126, 191	221, 917
East South Central.....	111	211	891	1, 118
Kentucky.....	46	34	205	230
Tennessee.....	21	21	311	398
Alabama.....	37	153	281	487
Mississippi.....	7	3	94	3
West South Central.....	28, 409	24, 598	1, 472, 456	2, 146, 737
Arkansas.....	1, 529	2, 229	159, 412	268, 666
Louisiana.....	7, 037	7, 185	413, 969	535, 619
Oklahoma.....	275	74	4, 437	2, 237
Texas.....	19, 568	15, 110	894, 658	1, 320, 216
Mountain.....	135, 414	127, 963	9, 912, 862	10, 763, 164
Montana.....	15, 087	12, 997	1, 587, 602	1, 555, 480
Idaho.....	29, 898	28, 571	1, 896, 048	2, 026, 280
Wyoming.....	8, 637	7, 793	1, 284, 027	1, 353, 873
Colorado.....	29, 766	28, 054	2, 467, 548	2, 698, 579
New Mexico.....	15, 811	14, 299	436, 402	534, 640
Arizona.....	10, 339	9, 634	575, 464	736, 027
Utah.....	22, 612	23, 543	911, 135	1, 124, 081
Nevada.....	3, 264	3, 072	755, 636	674, 204
Pacific.....	117, 895	118, 776	5, 800, 764	6, 662, 631
Washington.....	17, 426	15, 974	493, 982	520, 153
Oregon.....	16, 159	15, 597	1, 030, 228	1, 129, 069
California.....	84, 310	87, 205	4, 276, 554	4, 962, 819

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, special release on irrigated land in farms.

**No. 640.—SPECIFIED CROPS GROWN ON IRRIGATED AND NONIRRIGATED LANDS—  
FARMS REPORTING, ACREAGE, AND AVERAGE YIELD: 1939**

[Data are for the 17 Western States and Arkansas and Louisiana. Yields for irrigated crops based on farms reporting entire crop irrigated; yields for nonirrigated crops based on farms reporting no irrigation for such crops.]

CROP	Total farms reporting <sup>1</sup>	IRRIGATED			Unit of production	NONIRRIGATED		
		Farms reporting <sup>1</sup>	Acres	Average yield per acre		Farms reporting <sup>1</sup>	Acres	Average yield per acre
<b>Total for listed crops.....</b>	<b>(7)</b>	<b>(7)</b>	<b>14,733,214</b>			<b>(7)</b>	<b>130,332,851</b>	
Corn for all purposes.....	1,064,688	57,314	643,984			1,009,908	23,970,768	
Harvested for grain.....	937,943	42,711	456,838	29.7	Bushel.....	896,717	19,734,466	15.3
Cut for silage.....	48,198	7,614	99,846	7.7	Ton.....	40,800	984,234	2.7
Hogged or grazed off or cut for fodder.....	162,075	10,428	88,301			151,728	3,312,068	
Sorghums for all purposes, except sirup.....	570,677	16,239	312,909			558,806	12,904,928	
Harvested for grain.....	190,349	6,518	144,516	30.4	Bushel.....	184,240	4,451,208	10.4
Cut for silage (green weight).....	31,342	1,488	32,038	7.4	Ton.....	29,959	722,104	2.9
Cut for hay or fodder (dry weight).....	474,196	8,762	136,755	2.0	do.....	466,108	7,831,611	1.1
Mixed grains (other than flax and wheat mixture), threshed.....	24,260	4,221	51,974	24.2	Bushel.....	20,069	538,134	14.4
Oats threshed or cut and fed unthreshed.....	421,401	38,824	494,494			383,194	9,654,551	
Oats threshed.....	360,689	35,676	454,331	38.3	Bushel.....	325,480	8,862,928	22.4
Oats cut and fed unthreshed.....	73,291	3,815	40,163			60,537	791,625	
Barley threshed.....	251,098	45,750	978,270	34.6	Bushel.....	208,479	6,891,679	16.6
Rye threshed.....	66,427	1,199	17,267	16.4	do.....	65,321	2,107,178	8.5
Flax threshed.....	22,586	1,147	98,170	18.1	do.....	21,469	658,064	6.5
Any wheat threshed.....	467,346	57,477	906,531			412,363	36,287,769	
Winter wheat threshed.....	292,760	12,797	353,846	23.2	Bushel.....	281,060	23,919,166	18.4
Spring wheat threshed.....	187,482	46,273	551,685	28.3	do.....	142,327	12,368,603	10.6
Rice (rough or paddy), threshed.....	8,505	8,447	848,292	51.5	do.....	68	171	22.5
All hay <sup>2</sup> .....	808,608	(7)	6,447,922			(7)	16,707,869	
Annual legumes saved for hay.....	122,248	919	10,534	1.8	Ton.....	121,357	928,119	1.0
Alfalfa hay.....	281,688	136,096	2,651,859	2.6	do.....	149,219	2,239,829	1.4
Sweetclover hay.....	32,165	3,934	57,840	1.6	do.....	28,316	505,718	1.1
Clover or timothy hay, alone or mixed.....	43,064	13,757	534,069	1.4	do.....	29,742	354,071	1.6
Small grain hay.....	133,841	17,862	241,831	1.6	do.....	116,832	2,024,609	1.0
All other tame hay.....	184,243	7,199	308,283	1.3	do.....	177,347	2,276,147	1.1
Wild hay.....	216,527	11,555	1,648,149	.9	do.....	205,644	7,879,395	.7
Soybeans, total.....	101,537	227	1,977			101,318	1,205,367	
Cowpeas, total.....	274,267	275	1,802			273,966	2,190,282	
Peanuts, total.....	139,728	845	3,448			139,392	599,852	
Vetches, velvetbeans, mung and horse beans.....	23,441	432	6,662			23,026	301,868	
Navy, pea bean, Great Northern, kidney, lima, pinto, and other dry field and seed beans, and lentils.....	35,046	19,746	449,298		Bushel.....	15,569	495,243	5.5
Lima beans (dry) <sup>3</sup> .....	1,471	976	71,277	28.1	do.....	578	52,806	14.7
Other dry field and seed beans <sup>4</sup> .....	5,357	2,698	111,551	21.1	do.....	1,767	66,478	9.4
Dry field and seed peas.....	7,862	4,265	76,508	19.3	do.....	3,623	184,764	17.4
Alfalfa seed.....	31,926	8,899	219,149	2.2	do.....	23,187	355,985	1.5
Irish potatoes.....	566,621	32,496	339,787	221.0	do.....	527,246	417,440	74.3
Sweetpotatoes and yams.....	203,939	1,844	10,546	113.1	do.....	202,115	184,509	65.6
Cotton.....	624,835	15,638	762,217	1.2	Bale <sup>5</sup> .....	619,624	12,780,177	.4
Sugar beets for sugar.....	29,862	29,213	626,190	13.1	Ton.....	704	20,200	9.8
Hops.....	864	324	12,896	1,422.0	Pound.....	559	16,868	351.0
Broomcorn.....	5,576	57	774	430.0	do.....	5,521	193,643	226.0
Popcorn.....	9,911	618	2,479	24.3	Bushel.....	9,300	10,548	12.1
Root and grain crops (other than corn and annual legumes) hogged or grazed off.....	32,409	1,503	20,162			30,965	847,364	
Land in bearing and nonbearing fruit orchards, vineyards, and planted nut trees (nurseries excluded).....	296,452	86,576	1,874,638			211,632	657,670	

<sup>1</sup> A farm reporting both irrigated and nonirrigated crops is recorded as one farm in total.

<sup>2</sup> Not available.

<sup>3</sup> Includes data for Lespedeza hay not shown separately.

<sup>4</sup> Data available only for Arizona and California.

<sup>5</sup> Computed by using acreages grown alone in all States except California, Idaho, Oregon, and Washington, where total acreages were used.

<sup>6</sup> Running square bales of lint cotton, counting round as half bales.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Agriculture, Vol. III.

**No. 641.—FEDERAL RECLAMATION PROJECTS—CONSOLIDATED STATEMENT OF CONSTRUCTION COSTS OF IRRIGATION WORKS AND POWER FACILITIES TO JUNE 30, 1947**

(In thousands of dollars)

STATE AND PROJECT	Construction cost <sup>1</sup>	OPERATION AND MAINTENANCE <sup>2</sup>		Construction revenues, contributed funds, etc.	Authorized charge-offs and nonreimbursable costs	Balance
		Cost before public notice (net)	Deficits, arrearages and penalties			
<b>Grand total</b> .....	1,983,607					
<b>Total regular projects</b> .....	605,953	3,794	9,143	23,930	17,162	577,600
Arizona-Gila.....	9,800	158		1791		10,533
Salt River.....	20,245	110	867	3,201	382	17,644
Yuma Auxiliary.....	902		1	3		900
Arizona-California: Yuma.....	9,373	389	210	316		9,656
California: Central Valley.....	179,020	161		888		178,799
Orland.....	2,449	11	62	28		2,471
Colorado: Colorado-Big Thompson.....	34,146			1,160		32,985
Grand Valley.....	5,096	139	5	276	812	4,151
Pine River.....	3,350	2	8	2		3,351
Uncompahgre.....	8,976	311	196	26	1,202	8,196
Other.....	796			3		794
Idaho: Boise.....	16,695	422	904	1,403	82	16,535
Boise-Anderson Ranch.....	19,452	16		19		19,427
Boise-Payette.....	7,958	24		6		7,976
King Hill.....	1,906		110	28	1,988	
Minidoka.....	23,052	316	644	2,209	2	21,802
Palladas.....	767			6		776
Kansas: Garden City.....	343	53		61	334	
Montana: Hungry Horse.....	1,775			(4)		1,774
Huntley.....	1,560	11	391	37	62	1,851
Milk River.....	8,661	437	101	124	1,726	7,828
Sun River.....	9,791	133	103	49	90	9,699
Other.....	1,221	5	517			1,743
Montana-N. Dakota: Lower Yellowstone.....	3,686	12	923	132	412	4,063
Nebraska-Wyoming: North Platte.....	19,664	743	1,516	916		20,907
Nevada: Humboldt.....	1,294	21		124		1,191
Newlands.....	7,947	12	45	52	4,438	3,500
Truckee Storage.....	1,068	10		22		1,061
New Mexico: Carlsbad.....	3,993	118	93	31	376	3,663
Hondo.....	339	33		1	372	
Tucumcari.....	11,209	74		3		11,281
New Mexico-Texas: Rio Grande.....	21,197	16	365	4,962	838	16,268
N. Dakota: Buford-Trenton and Williston.....	741	(4)		110	631	
Oklahoma: W. C. Austin <sup>3</sup> .....	8,566	12		1,141		7,423
Oregon: Deschutes.....	7,018	37		1		7,055
Umatilla.....	5,240		230	111	838	4,471
Vale.....	4,859	40	3	24		4,878
Other.....	863			6		876
Oregon-California: Klamath.....	8,533	101	85	2,565	11	6,143
Oregon-Idaho: Owyhee.....	18,294		261	24		18,531
South Dakota: Belle Fourche.....	4,630	12	677	29	379	4,897
Texas: Valley Gravity Canal and Storage.....	931			1		930
Utah: Moon Lake.....	1,600			8		1,592
Ogden River.....	4,404	2		13		4,393
Provo River.....	13,281	147		44		13,131
Salt Lake Basin.....	2,726		6	46		2,685
Strawberry Valley.....	3,807	11	90	258		3,240
Other.....	1,316			13		1,303
Washington: Okanogan.....	1,452	148	27	7	908	426
Yakima.....	26,347	145	150	826	4	25,803
Yakima-Rosa.....	13,130	31		2		13,160
Wyoming: Kendrick.....	18,349	165		2,223		16,180
Riverton.....	7,010		91	33		7,068
Shoshone <sup>4</sup> .....	15,889	66	467	1,651	1,548	12,977
Water conservation and utility projects.....	12,340	109		4		12,446
<b>Total special projects</b> .....	465,315			10,100		455,214
Colo. River Dam fund: All-American Canal.....	40,731			20		40,711
Boulder Canyon.....	146,094					146,094
Arizona: Davis Dam.....	15,960					15,960
Parker Dam.....	6,836			6,836		
Parker Power.....	15,500					15,500
Montana: Fort Peck.....	962					962
Texas: Colorado River.....	28,905			10		28,905
Washington: Columbia Basin.....	309,466			3,234		306,232
Missouri Basin projects.....	5,800					5,800

<sup>1</sup> Includes work in place only and does not include expenditures for materials, supplies, and equipment carried in inventories at end of fiscal year and other undistributed items eventually charged to construction cost.

<sup>2</sup> Includes cost of operation and maintenance during construction; deficits, arrearages, and penalties funded and added to reimbursable construction cost.

<sup>3</sup> Contra.

<sup>4</sup> Less than \$500.

<sup>5</sup> Formerly the Altus project.

<sup>6</sup> Includes Shoshone-Heart Mountain.

Source: Department of the Interior, Bureau of Reclamation; official records.

No. 642.—FEDERAL RECLAMATION IRRIGATION PROJECTS—CHARGES AND RENTAL,  
BY PROJECT, TO JUNE 30, 1947

[In thousands of dollars]

STATE AND PROJECT	CONSTRUCTION WATER- RIGHT CHARGES			OPERATION AND MAIN- TENANCE CHARGES (AFTER PUBLIC NOTICE)			RENTALS OF IRRIGATION WATER		
	Amount due	Amount repaid	Due and unpaid	Amount due	Amount repaid	Due and unpaid	Amount due	Amount repaid	Due and unpaid
<b>Total.....</b>	<b>80,816</b>	<b>78,562</b>	<b>2,254</b>	<b>45,643</b>	<b>45,483</b>	<b>160</b>	<b>16,270</b>	<b>16,162</b>	<b>108</b>
<b>Arizona:</b>									
Salt River.....	10,400	10,400					2,247	2,247	
Yuma Auxiliary.....	669	662	7	711	704	7	34	34	1
<b>Arizona-California:</b>									
Yuma.....	5,860	5,858	1	5,875	5,831	44	684	682	1
<b>California:</b>									
Central Valley.....							533	533	
Orland.....	1,125	1,102	22	1,103	1,091	12	125	125	
<b>Colorado:</b>									
Fruitgrowers Res- ervoir.....	15	15					3	3	
Grand Valley.....	826	826		1,015	1,015		643	643	
Pine River.....	92	75	17	20	20				
Uncompahgre.....	1,641	665	975	1,009	1,009		1,266	1,242	23
<b>Idaho:</b>									
Boise.....	7,374	7,349	25	2,334	2,334		924	924	
Boise-Payette.....							366	366	
King Hill.....				61	61				
Minidoka.....	11,689	11,598	91	3,106	3,106		1,442	1,442	(1)
Rathdrum Prairie.....				18	18	5			
<b>Montana:</b>									
Bitter Root.....	349	200	149						
Frenchtown.....	18	13	5						
Huntley.....	728	728		555	555		19	19	
Milk River.....	623	433	190	919	884	34	248	240	7
Sun River.....	684	684		169	169		132	132	
<b>Montana-North Dakota:</b>									
Lower Yellowstone.....	1,149	1,149		339	339		144	142	2
<b>Nebraska: Mirage Flats</b>							14	14	
<b>Nebraska-Wyoming:</b>									
North Platte.....	7,545	7,422	123	2,229	2,207	22	403	403	(1)
<b>Nevada:</b>									
Humboldt.....	156	156							
Newlands.....	2,099	2,099	(1)	1,175	1,175		28	28	
Truckee Storage.....	100	100							
<b>New Mexico:</b>									
Carlsbad.....	1,275	1,252	23	1,532	1,532		44	44	
Hondo.....							9	9	
Tucumcari.....							7	7	
<b>New Mexico-Texas:</b>									
Rio Grande.....	5,580	5,580		8,682	8,682		2,468	2,468	
<b>North Dakota:</b>									
Buford-Trenton.....				2	2		(1)	(1)	
Williston.....				34	34		2	2	
<b>Oklahoma: W. C. Austin<sup>2</sup></b>							2	2	
<b>Oregon:</b>									
Baker.....	61	61							
Burnt River.....	112	112							
Deschutes.....	52	52					30	30	
Umatilla.....	843	465	378	427	427		119	93	26
Vale.....	32	32		406	406		22	22	
<b>Oregon-California:</b>									
Klamath.....	2,074	2,064	10	2,158	2,153	5	1,149	1,142	7
<b>Oregon-Idaho: Owyhee</b>	182	181	1	511	511		1,432	1,429	2
<b>South Dakota:</b>									
Belle Fourche.....	1,092	977	115	1,834	1,834		16	16	
Provo River.....							69	69	
<b>Utah:</b>									
Hyrum.....	91	88	4						
Moon Lake.....	159	159							
Newton.....				2	2				
Ogden River.....	548	548							
Salt Lake Basin.....	1,010	1,010							
Sanpete.....	63	59	4						
Scotfield.....	31	31		3	3				
Strawberry Valley.....	1,976	1,976		377	377		18	18	
<b>Washington:</b>									
Okanogan.....	198	138	60	371	371		111	111	
Yakima.....	10,530	10,476	54	8,076	8,045	31	254	218	36
Yakima-Roza.....	64	64					303	303	
<b>Wyoming:</b>									
Kendrick.....							3	3	(1)
Riverton.....	111	111					640	639	1
Shoshone.....	1,590	1,590	(1)	591	591		278	278	
Shoshone-Heart Moun- tain.....							41	41	(1)

<sup>1</sup> Less than \$500.

<sup>2</sup> Formerly the Altus project.

Source: Department of the Interior, Bureau of Reclamation; official records.

No. 648.—FEDERAL RECLAMATION IRRIGATION PROJECTS—ACREAGE AND CROP VALUE, BY PROJECT: 1946

[Excludes leased areas, WRA centers, etc., having 45,866 acres in cultivation with crop value of \$3,492,735]

STATE AND PROJECT	PROJECTS ENTIRELY CON- STRUCTED BY BUREAU			PROJECTS FURNISHED SUP- PLEMENTAL WATER FROM WORKS CON- STRUCTED BY BUREAU			SPECIAL AND WARREN ACT CONTRACTORS RECEIVING WATER FROM BUREAU WORKS		
	Irri- gable acreage <sup>1</sup>	Acreage in culti- vation	Crop value (1,000)	Irri- gable acreage <sup>1</sup>	Acreage in culti- vation	Crop value (1,000)	Irri- gable acreage <sup>1</sup>	Acreage in culti- vation	Crop value (1,000)
Total.....	2,486,793	1,990,621	\$236,644	550,768	461,647	\$35,887	2,071,070	1,829,531	\$250,913
Arizona: Salt River.....	243,125	228,500	41,043				92,012	81,178	8,135
Gila.....	5,715	3,232	225				370	330	53
Arizona-California: Yuma.....	68,976	56,032	11,630						
California:									
All American-Canal: Im- perial I. D.....							523,000	415,000	73,762
Central Valley.....							160,233	138,553	34,024
Orland.....	20,091	16,735	1,801						
Colorado:									
Fruitgrowers Dam.....				2,662	1,784	175			
Grand Valley <sup>2</sup> .....	40,471	27,947	3,121				8,000	7,433	1,606
Pine River.....				34,543	32,548	684			
Uncompahgre.....	92,190	63,261	3,139				5,920	5,378	216
Idaho: Boise.....	199,908	170,490	14,613				125,303	116,328	10,575
Minidoka.....	213,161	181,555	14,128	95,518	93,521	6,381	711,059	672,799	66,576
Rathdrum Prairie <sup>3</sup> .....				3,109	<sup>4</sup> 1,531	22			
Montana: Bitter Root <sup>3</sup> .....	16,575	16,500	555						
Buffalo Rapids <sup>3</sup> .....	22,926	20,533	861						
Frenchtown.....	5,127	3,496	153						
Huntley.....	32,508	17,199	1,171						
Intake <sup>3</sup> .....	711	422	16						
Milk River.....	126,552	58,461	3,235						
Sun River.....	97,030	80,773	2,514						
Montana-North Dakota:									
Lower Yellowstone.....	57,200	47,390	3,020						
Nebraska: Mirage Flats.....	12,000	2,922	177						
Nebraska-Wyoming: North Platte.....	236,444	179,117	14,512				132,365	126,662	11,461
Nevada: Humboldt.....				38,889	27,370	1,648			
Newlands.....	68,402	58,437	2,476						
Truckee River Storage.....				29,376	( <sup>5</sup> )	( <sup>5</sup> )			
New Mexico: Carlsbad.....	25,055	19,854	1,984						
Tucumcari.....	6,613	2,527	216						
New Mexico-Texas: Rio Grande <sup>6</sup> .....	155,000	149,064	38,476				18,045	16,230	3,767
North Dakota: Buford- Trenton <sup>3</sup> .....	6,709	6,476	199						
Oklahoma: Altus.....	451	451	59						
Oregon: Baker.....				7,312	7,312	226			
Burnt River.....				15,291	15,291	533			
Deschutes-Central Oregon Irrigation District.....				42,382	39,846	4,014			
Deschutes-North Unit.....	15,495	8,259	230						
Stanfield.....				6,000	5,069	228			
Umatilla.....	18,531	11,936	508				1,012	965	67
Vale.....	32,000	31,715	2,415						
Westland.....				8,052	3,933	158			
Oregon-California: Klamath.....	66,567	56,179	9,172				82,761	60,962	6,469
Oregon-Idaho: Owyhee.....	102,543	91,796	8,564				13,800	13,130	1,444
South Dakota: Belle Fourche.....	72,431	52,739	2,059						
Utah: Hyrum.....				6,261	5,704	324			
Moon Lake.....				72,608	55,786	806			
Newton <sup>3</sup> .....				2,225	1,948	119			
Ogden River.....				20,642	15,618	1,427			
Provo River.....				46,208	37,968	5,127			
Sanpete.....				12,717	10,792	286			
Scofield <sup>3</sup> .....				15,599	15,009	678			
Strawberry Valley.....	41,347	38,288	2,471				5,068	4,882	336
Weber River.....				91,374	90,617	12,959			
Washington: Okanogan.....	5,323	3,966	2,807						
Yakima.....	244,966	190,441	43,653				191,700	160,239	32,404
Wyoming: Kendrick.....	5,000	654	12						
Riverton.....	42,502	38,194	2,186				422	422	18
Shoshone.....	87,148	55,060	3,442						

<sup>1</sup> Area for which the Bureau is prepared to supply water.

<sup>2</sup> Includes private projects reconstructed with Government funds.

<sup>3</sup> Water Conservation and Utilization Project.

<sup>4</sup> Includes 827 acres irrigated, mostly in small tracts, for which no crop reports were received.

<sup>5</sup> No report received.

<sup>6</sup> Although there are 178,015 acres that can be irrigated within project limits, the area for which there is considered to be a safe and reliable water supply is 155,000 acres.

Source: Department of Interior, Bureau of Reclamation; official records.



**No. 644.—FEDERAL RECLAMATION IRRIGATION PROJECTS—ACREAGE AND CROP VALUE, 1935 TO 1946; ACREAGE, PRODUCTION, AND CROP VALUE, BY KIND OF CROP, 1945 AND 1946**

[Acreage in thousands and value in thousands of dollars, except for individual crops. Net area in cultivation and value exclude data for lands on Government projects cropped without irrigation]

YEAR	ENTIRE AREA			WARREN ACT LAND <sup>1</sup>			REGULAR AND SUPPLEMENTAL WATER PROJECTS			
	Irrigated acreage	Net area in cultivation	Crop value	Irrigated acreage	Net area in cultivation	Crop value	Irrigated acreage	Net area in cultivation	Crop value	Irrigable acreage
1935	2,936	2,861	106,781	1,296	1,257	43,180	1,641	1,604	63,602	2,114
1936	3,038	2,902	136,502	1,336	1,273	57,600	1,702	1,629	78,903	2,166
1937	3,115	3,033	118,668	1,399	1,334	45,765	1,725	1,701	72,894	2,195
1938	3,107	3,041	113,463	1,329	1,276	45,604	1,779	1,754	67,860	2,276
1939	3,141	3,078	114,083	1,218	1,175	40,313	1,923	1,903	73,770	2,493
1940	3,391	3,316	117,789	1,238	1,177	37,660	2,153	2,139	80,096	2,769
1941	3,339	3,280	159,896	1,140	1,202	49,486	2,199	2,178	110,400	2,850
1942	3,681	3,522	272,049	1,603	1,563	116,429	2,278	2,260	155,620	3,392
1943	4,056	4,014	388,671	1,633	1,615	170,007	2,423	2,399	218,064	3,832
1944	4,164	4,139	411,226	1,686	1,664	186,543	2,469	2,476	224,663	3,916
1945	4,163	4,196	435,184	1,746	1,731	202,639	2,417	2,465	232,546	3,958
1946	4,322	4,397	530,634	1,808	1,830	250,913	2,514	2,567	279,711	3,038

**REGULAR AND SUPPLEMENTAL WATER PROJECTS—INDIVIDUAL CROPS**

CROP	NET AREA <sup>1</sup>		PRODUCTION		CROP VALUE		YIELD PER ACRE	
	1945	1946	1945	1946	1945	1946	1945	1946
	Acres	Acres	Bushels	Bushels	\$1,000	\$1,000	Bushels	Bushels
<b>Total, all crops</b>	<b>2,467,145</b>	<b>2,452,268</b>			<b>222,993</b>	<b>266,567</b>		
<b>Cereals</b>	<b>497,569</b>	<b>553,607</b>	<b>19,362,994</b>	<b>22,014,593</b>	<b>19,424</b>	<b>28,981</b>	<b>38.9</b>	<b>39.8</b>
Barley	187,623	196,112	7,704,935	8,522,289	7,310	10,620	41.1	43.5
Corn	34,062	34,507	1,098,187	1,218,913	1,118	1,061	32.2	36.3
Oats	97,460	92,560	4,200,708	4,067,091	2,632	3,373	43.1	43.9
Rye	2,133	2,167	43,230	45,613	49	74	20.8	31.0
Wheat	147,860	187,716	5,057,696	8,210,281	6,790	10,591	34.2	33.1
Other	28,431	40,543	1,258,238	1,950,406	1,625	2,761	44.3	48.1
<b>Seeds</b>	<b>121,691</b>	<b>125,747</b>	<b>1,867,067</b>	<b>2,242,875</b>	<b>9,810</b>	<b>11,712</b>	<b>15.3</b>	<b>17.8</b>
Alfalfa seed	24,361	28,020	59,438	123,024	1,253	1,835	2.4	4.4
Clover seed	28,838	38,458	128,293	159,858	2,151	3,178	4.4	4.4
Other	68,492	61,269	1,679,336	1,960,993	6,406	6,990	24.5	32.0
<b>Hay and forage</b>	<b>1,800,767</b>	<b>1,848,900</b>	<b>2,301,054</b>	<b>2,359,516</b>	<b>45,663</b>	<b>55,869</b>		
Alfalfa hay	597,555	594,784	1,810,968	1,829,115	31,017	37,347	3.0	3.1
Other hay	113,535	111,783	188,874	204,966	2,496	3,007	1.7	1.8
Corn fodder	11,176	10,085	87,788	68,976	593	569	7.9	6.8
Other forage	154,439	201,590	213,424	256,450	2,323	3,572	1.4	1.3
Best tops	112,550	118,217			666	836		
Pasture	871,512	810,401			8,659	9,817		
<b>Vegetables and truck</b>	<b>339,492</b>	<b>364,619</b>	<b>58,549,838</b>	<b>65,931,350</b>	<b>62,102</b>	<b>67,863</b>	<b>172.5</b>	<b>180.7</b>
Beans	89,981	94,194	1,746,536	2,274,054	6,034	11,813	19.4	24.1
Onions	9,451	9,109	4,111,086	4,002,140	5,912	2,333	435.0	439.4
Potatoes, white	131,000	125,077	29,858,851	31,442,025	24,920	22,810	227.8	251.4
Potatoes, sweet	849	923	167,479	148,147	507	464	197.3	160.5
Truck	91,130	118,778	22,665,886	28,064,984	21,668	27,254	248.7	236.3
Garden	17,021	16,738			3,061	3,189		
<b>Fruits and nuts</b>	<b>79,726</b>	<b>85,108</b>	<b>1,052,015</b>	<b>1,031,099,784</b>	<b>47,526</b>	<b>44,098</b>	<b>13,195</b>	<b>12,115</b>
Apples	20,749	21,678	412,889	397,327,825	21,416	18,258	18,899	18,329
Peaches	12,713	13,554	152,876	134,424,770	6,073	5,173	12,025	9,918
Pears	7,282	7,223	114,192	131,310,740	4,038	4,651	15,679	18,180
Prunes	3,296	3,607	24,190	31,488,499	1,179	1,262	10,267	8,730
Citrus fruits	13,370	13,635	240,080	241,048,158	5,432	4,711	17,965	17,679
Small fruits	13,447	14,660	93,761	88,758,576	8,201	8,386	6,973	6,054
Miscellaneous	8,866	10,751	4,047	5,746,216	1,188	1,657	457	628
<b>Miscellaneous</b>	<b>553,928</b>	<b>565,252</b>			<b>37,668</b>	<b>58,044</b>		
Cotton	116,087	112,052	126,741	126,818	14,870	27,681	1.1	1.5
Cottonseed	115,974	112,052	51,015	68,753	3,161	5,353	.4	.6
Sugar beets	115,578	132,566	1,449,868	1,902,570	14,010	19,490	12.5	14.3
Other crops	6,241	8,555			5,527	5,520		
Soil building crops	29,222	28,838						
Fallowed land	49,270	52,727						
Duplication	964,507	970,685						
Additional revenues <sup>2</sup>					5,544	5,964		

<sup>1</sup> Warren Act contracts are those which provide for sale of excess water to irrigation districts, i. e., water over and above project requirements. Lands served are usually located outside project proper. The act also provides for joint construction and financing of irrigation works by Federal Government and irrigation districts.

<sup>2</sup> Totals for all crops represent net areas after deducting areas subsequently used for other crops or pasture; detail is total area in cultivation, no deductions being made for duplicated areas.

<sup>3</sup> Bales of 500 pounds each.

<sup>4</sup> Includes payments received from Federal and commercial agencies.

Source: Dept. of Interior, Bureau of Reclamation; Annual Report of Secretary and official records.

**No. 645.—HYDROELECTRIC PLANTS ON RECLAMATION PROJECTS, OPERATING AND UNDER CONSTRUCTION, AS OF DEC. 31, 1947**

STATE AND PROJECT	Plant	Year of initial operation	Present nameplate capacity (kilowatts)	Ultimate nameplate capacity (kilowatts)	Ultimate number of generators and capacities (kw.)
<b>Total</b>			<b>2,331,987</b>	<b>16,775,487</b>	
<b>Constructed and operated by Bureau of Reclamation, total</b>			<b>2,203,400</b>	<b>3,903,900</b>	
Arizona-Nevada Boulder Canyon	Hoover	1936	1,034,800	1,322,300	15-82,500; 2-40,000; 2-2,400.
Arizona-California Parker	Parker	1942	120,000	120,000	4 30,000.
California Central Valley	Shasta	1944	154,000	379,000	5-75,000; 2-2,000.
Yuma	Siphon Drop	1926	1,600	1,000	2 800.
Colorado Colorado-Big Thompson	Green Mountain	1943	21,600	21,600	2-10,800.
Idaho Boise	Boise Diversion	1912	1,500	1,500	3 500.
	Black Canyon	1925	8,000	8,000	2-4,000.
Minidoka	Minidoka	1909	13,400	13,400	1-5,000; 1 2,400; 5-1,200.
Wyoming North Platte	Garnsey	1927	4,800	4,800	2-2,400.
	Lingle	1919	1,400	1,400	2-400; 2 300.
New Mexico Rio Grande	Elephant Butte	1940	24,300	24,300	3 8,100.
Washington Columbia Basin	Grande Coulee	1941	776,000	1,964,000	18-108,000; 2-10,000.
Yakima	Prosser	1932	2,400	2,400	1 2,400.
Wyoming Kendrick	Seminole	1939	32,400	32,400	3-10,800.
Riverton	Pilot Butte	1925	1,600	1,600	2 800.
Shoshone	Shoshone	1923	5,600	5,600	1-4,000; 2-800.
<b>Constructed by Bureau of Reclamation. Operated by others, total</b>			<b>30,687</b>	<b>30,687</b>	
Arizona Salt River	Roosevelt	1909	15,400	15,400	5-1,080; 1-4,000; 1-6,000.
	Arizona Falls	1913	850	850	2 425.
	Cross Cut	1914	5,100	5,100	1 3,000; 3-700.
	S. Consolidated	1912	1,600	1,600	2 800.
Colorado Grand Valley	Grand Valley	1932	3,000	3,000	2-1,500.
Nevada Newlands	Lahontan	1911	1,500	1,500	3-500.
Oregon Deschutes	Cove	1946	1,500	1,500	1-1,500.
Utah Strawberry Valley	Spanish Fork	1908	1,550	1,550	2-450; 1-250; 1-400.
Washington Yakima	Rocky Ford	1916	187	187	1-187.
<b>Constructed and operated by water users organizations, total</b>			<b>62,900</b>	<b>77,300</b>	
Arizona Salt River	Chandler	1919	600	600	1 600.
	Horse Mesa	1927	30,000	30,000	3-10,000.
	Mormon Flat	1920	7,000	7,000	1-7,000.
	Stewart Mountain	1930	10,400	10,400	1-10,400.
California All American	Drop No. 3	1941	4,800	9,600	2-4,800.
	Drop No. 4	1941	8,600	19,200	2-9,600.
	"Q" Canal Drop	1938	500	500	1-500.
Oregon Klamath			35,000	85,000	
<b>Constructed by Corps of Engineers, War Department. Power marketed by Bureau of Reclamation, total</b>			<b>35,000</b>	<b>85,000</b>	
Montana Fort Peck	Fort Peck	1943	35,000	85,000	2-35,000; 1-15,000.
		<b>YEAR ESTIMATED COMPLETED</b>			
<b>Under construction by Bureau of Reclamation, total</b>				<b>965,600</b>	
Arizona-Nevada Davis	Davis	1950		225,000	5-45,000.
California Central Valley	Kawick	1949		75,000	3-25,000.
Colorado Colorado-Big Thompson	Estes	1950		45,000	3-15,000.
	Marys Lake	1950		5,100	1 8,100.
Idaho Boise	Anderson Ranch	1950 <sup>1</sup>		40,500	3-13,500.
Palisades	Palisades	1952		60,000	3 20,000.
Montana Missouri Basin	Canyon Ferry	1955		36,000	3-12,000.
Hungry Horse	Hungry Horse	1954		300,000	4-75,000.
Missouri Basin	Yellowtail	1954		120,000	4 30,000.
Wyoming Missouri Basin	Boysen	1953		15,000	2 7,500.
	Kortz	1950		26,000	3-12,000.
Shoshone	Heart Mountain	1949		5,000	1-5,000.
<b>Under construction by Corps of Engineers, War Department. Power to be marketed by Bureau of Reclamation, total</b>				<b>640,000</b>	
North Dakota Missouri Basin	Garrison			320,000	5-64,000.
South Dakota Missouri Basin	Pt. Randall			320,000	5-64,000.

<sup>1</sup> Includes 1,073,000 kilowatt capacity authorized to be constructed.

<sup>2</sup> First 2 units completed.

Source: Department of the Interior, Bureau of Reclamation; official records.

**No. 646.—DRAINAGE ON FARMS AND DRAINAGE ENTERPRISES—SUMMARY: 1920, 1930, AND 1940**

[Statistics for drainage on farms in first part of this table were collected from individual farmers, while those for drainage enterprises were obtained from a special canvass of organized drainage enterprises. A farm may have artificial drainage without being included in any organized enterprise; conversely, an organized enterprise may include a farm on which there is no artificial drainage, because the enterprise facilitates removal of water from that farm. Drainage enterprises comprise public corporations and local improvement districts established under State laws relating to drainage, commercial enterprises draining land for sale, other organizations engaged in extensive land drainage work, and tracts of 500 acres or more drained by individual farm owners. Enterprises may include timbered and other unimproved land not yet in farms. Data as to drainage on farms were not collected in the census of 1940. Canvass of drainage enterprises did not include New England States, N. Y., N. J., or Pa.; Del. and Md. were included only in 1940; no enterprises were found in Ala. or W. Va. before 1940, and none in Va. in 1920]

ITEM	CENSUS OF—			Percent increase 1930-1940 <sup>1</sup>
	1920	1930	1940	
FARMS AND DRAINAGE ON FARMS				
All farms.....number.....	6,448,343	6,288,648	6,096,799	-2.1
Farms reporting drainage.....do.....	924,815	651,172	(?)	
All land in farms.....1,000 acres.....	955,884	980,771	1,060,853	7.5
Farm land provided with drainage.....do.....	53,025	44,524	(?)	
AREA, DRAINS, AND INVESTMENT IN ENTERPRISES				
Approximate land area of States reporting organized drainage enterprises <sup>2</sup> .....1,000 acres.....	1,717,932	1,743,700	1,785,119	2.4
Land and drainage enterprises.....do.....	65,495	84,408	86,967	3.0
Improved land.....do.....	44,288	63,514	67,389	6.1
Unimproved land:				
Timber and cut-over.....do.....	11,284	11,310	11,043	-2.4
Other.....do.....	9,923	9,584	8,535	-10.9
Land unfit to raise any crop for lack of drainage.....1,000 acres.....	7,224	7,396	7,134	-3.5
Land drained, fit to raise normal crop.....do.....	(?)	68,234	75,004	13.2
Land partly drained, fit for partial crop.....do.....	(?)	10,778	4,829	-55.2
Land in occupied farms.....do.....	(?)	68,640	70,088	2.1
Land in planted crops.....do.....	(?)	54,428	49,614	-8.8
Land idle.....do.....	(?)	20,003	18,836	-5.8
Ditches, completed.....miles.....	107,468	138,673	146,152	5.4
Tile drains, completed.....do.....	42,312	55,032	55,734	1.3
Pumping plants, Capacity.....horsepower.....	64,389	99,747	102,196	2.6
.....1,000 gals. per min.....	15,229	17,856	20,716	16.0
Capital invested in enterprises.....1,000 dollars.....	372,274	680,250	691,725	1.7
Average, per acre.....dollars.....	5.68	8.06	7.96	-1.4

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> Not called for on schedule.

<sup>3</sup> For States included (34 in 1920, 35 in 1930, and 36 in 1940), see table 643.

<sup>4</sup> Swampy, subject to overflow, seeped or alkali.

**No. 647.—DRAINAGE ENTERPRISES—AREA AND INVESTMENT, BY YEAR OF ORGANIZATION AND BY CHARACTER: 1940**

DATE OF ORGANIZATION	Land in enterprises <sup>1</sup>	AREA OF ENTERPRISES		Capital invested to Jan. 1, 1940	CHARACTER OF ENTERPRISE	Land in enterprises <sup>1</sup>	Capital invested to Jan. 1, 1940 <sup>2</sup>
		Total <sup>3</sup>	Overlapped area				
	1,000 acres	1,000 acres	1,000 acres	1,000 dollars		1,000 acres	1,000 dollars
All enterprises.....	86,967	132,828	45,861	691,725	Total.....	86,967	691,725
Before 1870.....	171	1,238	1,067	3,658	Drainage districts.....	34,811	373,358
1870-1879.....	428	3,481	3,053	11,717	County drains.....	46,040	270,101
1880-1889.....	2,429	8,906	6,477	27,704	Township drains.....	233	798
1890-1899.....	3,743	11,331	7,588	29,275	State projects.....	621	1,345
1900-1904.....	5,789	13,328	7,559	33,020	Irrigation enterprises:		
1905-1910.....	12,192	20,008	7,816	93,379	Federal.....	1,956	19,255
1911-1914.....	19,573	25,480	8,907	142,211	Other.....	2,285	11,626
1915-1919.....	18,012	21,177	3,165	175,305			
1920-1924.....	11,272	12,877	1,605	111,957	Commercial developments.....	73	751
1925-1929.....	7,411	8,659	1,248	48,491	Individual ownership.....	912	8,418
1930-1934.....	2,093	2,340	247	8,510	Not reported.....	36	103
1935-1939.....	3,874	4,003	129	6,492			

<sup>1</sup> Before tabulation, acreage assessed was reduced by amount of overlapping with enterprises organized subsequently.

<sup>2</sup> Sum of acreages assessed, without deduction for overlapping.

<sup>3</sup> In addition to amount invested, an estimated \$3,968,000, or six-tenths of 1 percent, was reported as required to complete works already begun or authorized.

Source of tables 646 and 647: Department of Commerce, Bureau of the Census; Fifteenth and Sixteenth Census Reports, Drainage of Agricultural Lands.

## No. 648.—DRAINAGE ENTERPRISES—AREA AND INVESTMENT, 1920, 1930, AND AND OPERATION COST, 1929

1	DIVISION AND STATE	LAND IN DRAINAGE ENTERPRISES			DRAINAGE CONDITION OF LAND IN ENTERPRISES					
		1920	1930	1940	1929			1939		
					Drained, fit for normal crop	Partly drained, fit for partial crop	Unfit for any crop for lack of drainage	Drained, fit for normal crop	Partly drained, fit for partial crop	Unfit for any crop for lack of drainage
		Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
1	United States.....	66,496,038	84,406,038	86,957,039	66,234,390	10,777,828	7,396,078	75,004,277	4,828,819	7,133,943
2	E. N. Central..	31,627,176	33,485,754	32,682,172	29,438,216	2,757,633	1,288,906	30,921,748	1,066,739	674,883
3	Ohio.....	8,107,204	8,166,404	7,729,267	7,495,881	567,323	102,290	7,690,603	26,282	12,482
4	Ind.....	9,087,183	10,214,014	10,121,952	9,303,527	688,218	222,269	9,424,603	534,496	162,983
5	Ill.....	3,909,049	5,032,682	5,091,364	4,510,111	246,771	275,800	4,784,490	190,217	146,687
6	Mich.....	9,729,171	9,180,851	8,978,386	7,881,151	1,068,246	531,454	8,456,953	273,237	248,196
7	Wis.....	794,669	892,713	761,203	648,545	167,075	157,093	595,291	61,807	104,408
8	W. N. Central...	19,217,367	23,640,882	23,463,623	18,440,603	2,877,404	2,412,875	22,282,539	898,750	587,334
9	Minn.....	9,232,709	11,474,883	10,000,409	7,322,252	2,114,950	2,037,481	10,220,116	341,037	423,256
10	Iowa.....	6,224,478	8,137,649	6,164,344	5,840,118	223,160	68,371	6,045,348	85,870	33,626
11	Mo.....	2,500,204	3,150,022	3,087,063	2,530,607	366,074	253,251	2,847,792	133,413	106,858
12	N. Dak.....	1,240,328	1,094,142	1,375,041	1,055,429	25,273	13,440	1,360,269	11,482	4,300
13	S. Dak.....	222,062	697,758	676,472	614,210	56,947	26,601	686,936	6,376	3,160
14	Nebr.....	607,730	879,469	916,141	829,681	30,639	10,139	878,741	20,812	16,628
15	Kans.....	93,656	257,169	258,113	242,216	11,361	3,692	257,347	260	606
16	S. Atlantic <sup>1</sup> .....	2,385,284	6,941,719	7,438,448	2,606,877	2,618,873	1,516,966	3,539,233	598,107	3,298,108
17	Del.....			395,014				265,400	68,706	33,006
18	Md.....			183,337				172,747	7,000	2,990
19	Va <sup>2</sup> .....		15,042	43,759	13,138	1,904		15,714	17,534	10,511
20	N. C.....	542,828	679,236	626,576	438,992	160,977	79,267	717,099	60,535	67,942
21	S. C.....	140,031	208,249	204,366	139,887	35,660	33,002	200,896	2,000	1,500
22	Ga.....	65,482	84,255	84,374	46,692	13,549	24,114	80,814	3,360	600
23	Fla.....	1,637,073	5,954,934	5,699,022	1,967,508	2,606,783	1,380,583	2,056,893	451,372	3,190,757
24	E. S. Central <sup>1</sup> .....	2,323,595	4,167,681	3,957,489	3,231,281	469,713	466,687	2,493,625	668,662	796,773
25	Ky.....	358,480	585,625	465,270	428,883	109,440	47,302	388,620	46,422	32,228
26	Tenn.....	363,671	593,500	601,592	367,806	92,525	133,230	222,013	114,623	284,956
27	Miss.....	1,601,444	2,968,496	2,890,618	2,434,593	267,748	266,155	1,884,992	504,037	601,589
28	W. S. Central..	7,924,197	11,340,182	13,228,836	8,243,890	1,496,368	1,597,904	10,302,455	1,433,637	1,492,766
29	Ark.....	3,479,591	4,631,155	4,592,738	3,435,280	609,211	586,664	4,135,770	63,756	373,212
30	La.....	2,286,328	3,656,483	4,219,624	2,480,972	381,622	786,889	3,172,725	317,411	720,488
31	Okla.....	12,180	170,168	197,646	143,221	21,203	8,734	181,353	8,567	7,728
32	Tex.....	2,166,128	2,883,366	4,218,850	2,178,417	486,322	218,617	2,812,607	1,023,903	382,340
33	Mountain.....	610,676	1,969,770	2,772,730	1,779,768	130,315	59,647	2,527,026	133,310	112,394
34	Mont.....	168,682	167,629	372,601	152,871	8,370	6,368	351,531	4,167	16,963
35	Idaho.....	64,642	375,464	659,136	333,264	28,590	12,670	606,378	34,801	18,957
36	Wyo.....	95,474	245,703	312,662	219,762	16,920	9,021	287,833	11,555	13,274
37	Colo.....	171,656	366,719	468,322	313,039	48,176	5,504	443,514	14,880	9,926
38	N. Mex.....	140,219	176,292	306,886	144,750	16,322	15,220	264,474	9,601	11,810
39	Ariz.....	39,640	318,931	298,633	313,112	1,694	4,125	297,362	961	300
40	Utah.....	113,823	166,052	202,058	142,941	7,511	5,600	123,237	37,659	41,162
41	Nev.....	15,940	162,980	153,373	160,109	2,732	139	133,677	19,696	
42	Pacific.....	1,207,243	2,812,138	3,421,728	2,493,736	266,329	63,873	2,937,669	314,194	169,875
43	Wash.....	94,924	367,242	405,709	329,166	28,197	9,879	368,293	31,513	5,903
44	Oreg.....	4,000	211,182	348,825	163,381	27,226	20,575	299,317	20,898	28,610
45	Calif.....	1,108,319	2,233,714	2,667,194	2,011,189	209,906	12,619	2,270,049	261,783	135,362

<sup>1</sup> Data for 2 enterprises in Alabama combined with those for 2 enterprises in Virginia for 1930 and 1940 and included in South Atlantic Division total.

<sup>2</sup> Data not shown because less than 3 enterprises reported.

<sup>3</sup> Data for Kentucky not available; division total incomplete.

## 1940; DRAINAGE CONDITION, AREA IN OCCUPIED FARMS, AND MAINTENANCE AND 1939; BY STATES

LAND IN OCCUPIED FARMS IN DRAINAGE ENTERPRISES				CAPITAL INVESTED IN ENTERPRISES, TO JANUARY 1—			MAINTENANCE AND OPERATION COST INCURRED BY ENTERPRISES				
1939		1938					1938		1939		
Total	Planted	Total	Planted	1938	1938	1940	Amount	Land incurring (estimated)	Amount	Land incurring	
Acres	Acres	Acres	Acres	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 acres	1,000 dollars	1,000 acres	
62,444,169	54,427,577	79,043,489	49,613,573	372,274	686,250	691,725	7,605	29,007	5,947	31,668	1
22,689,727	25,217,369	30,147,797	21,446,699	134,278	209,338	199,390	2,115	4,368	■	3,829	2
8,132,973	6,800,406	7,173,987	4,682,046	80,680	36,836	35,216	19	81	25	55	3
10,150,221	8,454,498	9,703,805	7,512,766	31,148	54,111	47,540	295	709	46	174	4
5,005,376	4,248,907	4,931,263	4,549,552	42,505	74,596	72,567	1,508	2,546	1,049	2,310	5
8,826,268	6,462,936	7,796,979	4,817,969	24,684	37,877	40,412	246	550	179	754	6
574,892	350,522	501,723	384,336	4,163	6,207	4,355	45	■	19	296	7
20,212,282	15,799,777	20,066,297	15,321,235	121,562	206,791	219,065	1,304	7,544	1,618	7,536	8
4,782,222	5,916,007	8,397,586	6,198,229	42,017	64,140	65,576	208	1,832	143	1,578	9
6,105,496	5,376,805	5,945,393	4,697,259	49,627	77,479	75,374	481	2,701	327	2,714	10
2,427,599	2,067,727	2,673,169	1,872,751	20,723	47,340	49,060	441	1,922	430	2,141	11
1,094,114	908,979	1,322,573	1,116,385	2,206	3,149	3,673	13	240	4	89	12
684,746	567,285	647,173	526,407	1,461	4,335	5,079	11	238	2	104	■
854,159	743,178	849,948	688,976	4,589	6,847	7,579	121	485	82	482	14
252,845	219,736	250,455	221,218	967	2,701	3,784	50	142	42	188	15
893,824	587,512	2,192,944	1,146,530	18,847	53,632	53,241	893	5,671	■	5,406	16
■	■	394,164	224,551	■	■	456	■	■	5	30	17
■	■	181,891	118,871	■	■	44	■	■	3	15	18
5,704	4,748	43,750	18,681	■	242	511	■	■	(?)	16	19
331,121	267,325	673,034	426,559	2,624	4,719	5,498	106	224	15	55	20
94,744	61,606	202,002	91,351	582	1,256	1,241	8	83	1	6	21
63,666	37,097	83,874	38,420	795	1,919	2,065	1	4	1	1	■
398,200	216,536	614,220	223,117	12,847	46,488	43,357	689	5,356	430	■	23
2,421,791	2,334,721	2,226,975	2,216,858	11,524	35,328	34,769	357	2,353	183	1,463	24
515,101	320,084	464,963	296,757	1,522	5,356	4,948	91	(?)	65	354	25
413,791	212,690	579,263	232,923	2,926	6,367	6,502	21	281	6	109	26
2,062,909	1,801,947	2,182,729	1,088,176	7,076	23,601	23,260	275	2,126	112	966	27
7,570,968	5,662,415	8,615,247	4,853,667	28,946	72,672	73,831	784	4,867	1,398	5,638	28
2,940,035	2,425,632	3,100,342	2,326,648	14,147	37,533	39,451	158	1,295	590	1,028	29
2,571,581	1,622,620	2,512,280	1,356,366	9,022	20,753	23,392	271	1,603	875	3,306	30
163,936	136,966	182,960	86,884	76	2,284	1,971	20	62	■	■	■
1,895,495	1,278,207	2,819,775	1,083,769	5,701	12,003	14,047	334	1,707	368	3,406	32
1,728,767	1,504,265	2,564,329	2,095,076	7,846	27,877	33,928	874	1,796	497	2,176	33
150,844	114,266	362,711	291,952	666	1,879	2,828	14	107	33	296	34
892,303	334,546	650,135	401,967	1,669	5,112	7,667	76	349	86	558	■
168,327	153,015	287,420	226,149	1,176	5,251	5,595	35	205	36	300	35
305,966	274,922	392,182	344,702	1,082	4,869	4,890	56	283	126	480	37
161,516	137,570	286,890	167,727	1,711	3,279	5,722	55	176	72	291	38
304,602	278,066	296,276	268,907	414	1,875	1,119	899	319	6	56	39
109,518	90,368	140,148	95,451	1,005	4,772	4,869	39	150	22	121	40
155,491	111,512	148,617	78,221	118	1,850	1,838	11	119	24	124	41
2,522,926	2,321,618	3,234,876	2,539,470	49,285	76,355	80,959	1,338	2,611	1,279	2,559	42
251,898	309,818	390,964	332,672	1,397	4,638	5,332	90	294	69	213	43
146,576	116,967	302,670	241,090	200	4,166	5,452	99	182	98	214	44
2,024,446	1,794,813	2,531,096	1,965,708	47,687	66,452	70,144	1,149	2,135	1,112	2,430	45

Sources: Department of Commerce, Bureau of the Census; Fifteenth and Sixteenth Census Reports, Drainage of Agricultural Lands.

## 23. Agriculture—General Statistics

Statistics on agriculture are for the most part prepared by the Bureau of the Census, Department of Commerce, which conducts the Census of Agriculture and by the Department of Agriculture which prepares current estimates.

Beginning with 1840 a Census of Agriculture has been taken every 10 years in conjunction with the Decennial Census of Population. In 1925, 1935, and 1945 a mid-decennial Census of Agriculture has also been taken. Information at each census has been obtained by a personal canvass of individual farms by census enumerators. The first Census of Agriculture, however, was limited in scope. It included such items as an inventory of the principal classes of domestic animals, the production of wool, the value of poultry, the value of products of the dairy, and the production of the principal crops. The number of farms and the acreage and value of farm land were first included in the Census of 1850. In 1880 information was first secured as to the tenure under which the farms were operated. A detailed classification of farm land according to use was first obtained in 1925; in earlier censuses, farm land was classified only as improved land, woodland, and other unimproved land.

A farm as defined by the Bureau of the Census is all the land on which some agricultural operations are performed by one person, either by his own labor alone or with the assistance of members of his household, or hired employees. A tract of less than 3 acres is not considered a farm unless its agricultural products for the year covered were valued at \$250 or more. Agricultural operations consist of the production of crops or plants, vines or trees (excluding forestry operations), or of the keeping, grazing, or feeding of livestock for animal products, animal increase, or value enhancement. Included as farms are such agricultural enterprises as nurseries, greenhouses, hot-houses, fur farms, mushroom cellars, apiaries, and cranberry bogs. Excluded are fish farms, fish hatcheries, oyster farms, frog farms, kennels, game preserves, parks, and the like. When a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a farm for census purposes. Thus for a plantation each cropper and tenant operation is considered a separate farm even though the entire plantation may be handled essentially as a single farm enterprise.

The land in farms includes considerable areas of land not actually under cultivation or used for pasture or grazing, but all such land must have been under the control of the operator and considered a part of his farm. Land used for grazing or pasture that was neither owned nor leased by the farm operator was not included under land in farms. Thus vast acreages of land used for grazing, such as national forests, Taylor grazing land, State lands, or other public lands, and some railroad and other privately owned lands, are not included as land in farms even though used for agricultural purposes.

Annual agricultural statistics of a wide variety have been issued currently by the United States Department of Agriculture for over 80 years—the first being as of May 1, 1863. There are now 41 field offices—1 in practically every State—which act as clearinghouses for information furnished by voluntary reporters. Information from the field offices is sent to Washington where reports covering State and national data are issued by the Crop Reporting Board of the Bureau of Agricultural Economics.



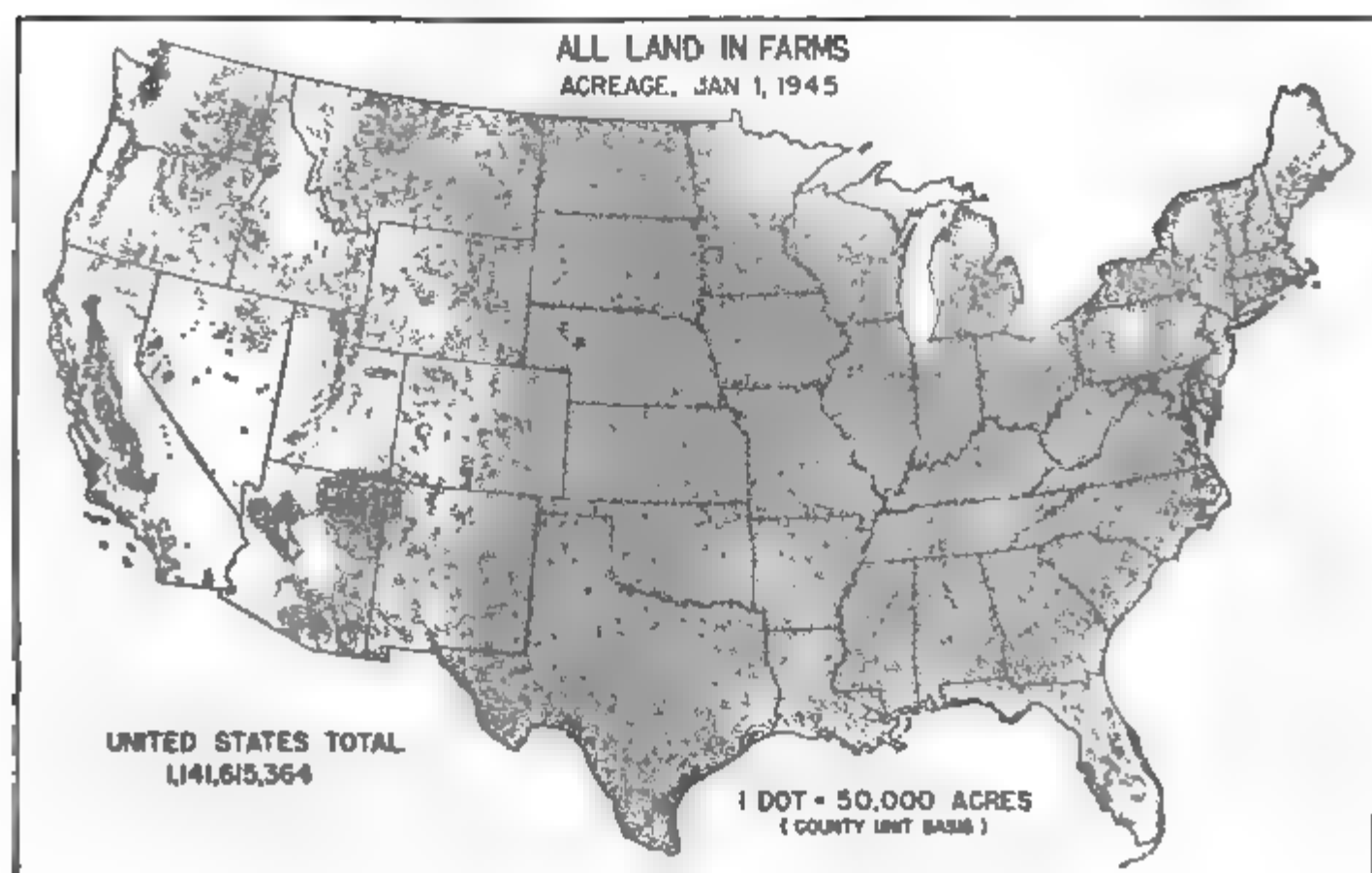
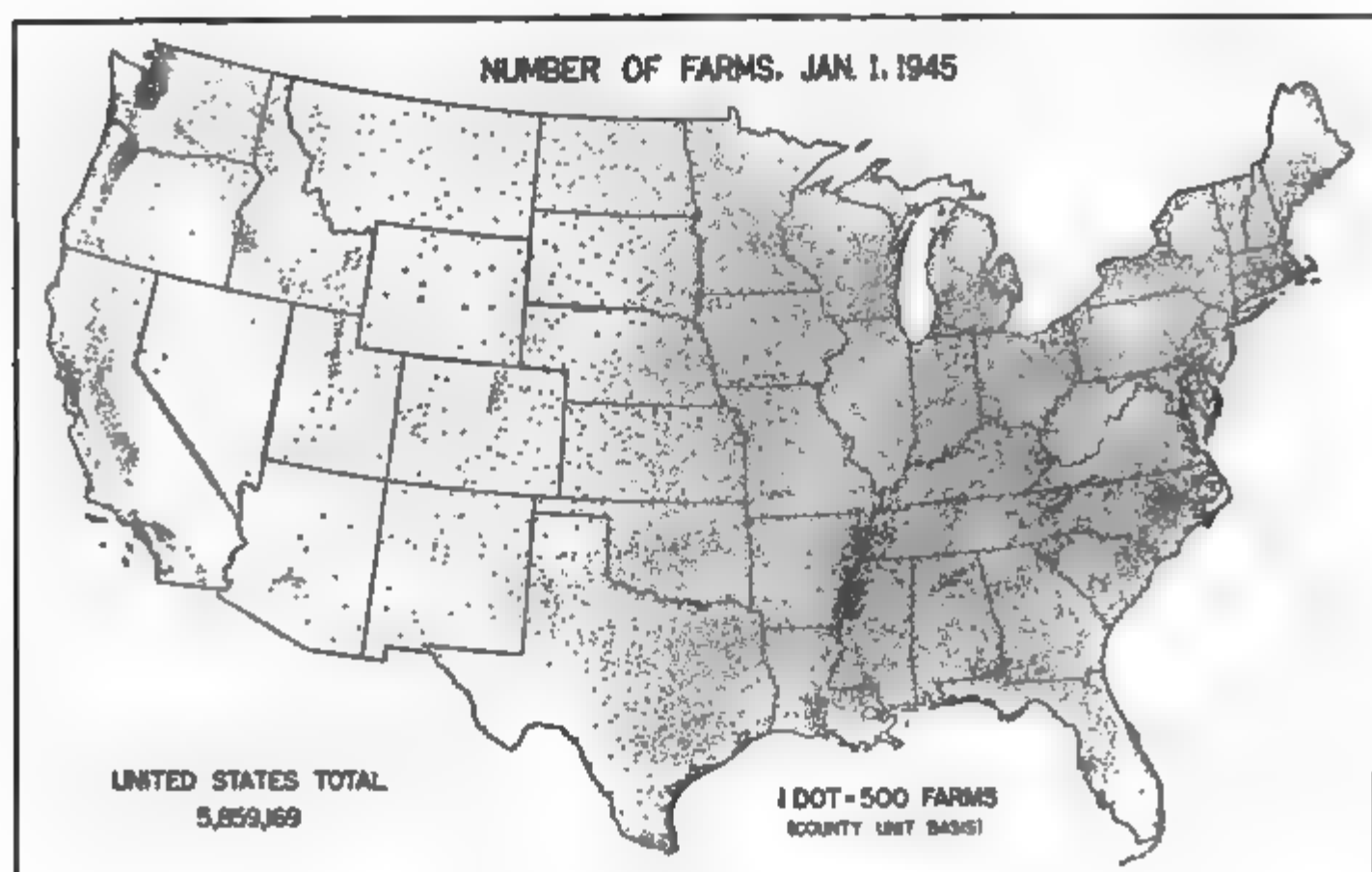
Statistics compiled by the Bureau of Agricultural Economics on crops, livestock and livestock products, agricultural prices, farm employment, and other related subjects are based mainly on data obtained through mail questionnaires. The basic information is obtained from nearly three-quarters of a million reporters, located in every agricultural county in the United States, who report on one or more items during a year. These reporters, mostly farmers, report for their own and nearby farms on some 80 crops and scores of other items pertaining to agricultural production and farm family living.

Cash income is the cash receipts from farm marketings and represents the quantities of crops, livestock, and livestock products sold by farmers multiplied by the prices received per unit of production at the local market. Gross farm income includes Government payments, value of farm products consumed on the farm, rental value of farm homes, as well as cash receipts from farm marketings.

These general notes on agriculture apply also to section 24, Agriculture—Production and Related Subjects, which covers farm crops, foodstuffs, farm animals, animal products, and related subjects.

**FIGURE 8.—NUMBER AND ACREAGE OF FARMS: JANUARY 1, 1945**

(See table 600)



Source: Department of Commerce, Bureau of the Census.

## No. 649.—POPULATION, FARMS, AND FARM PROPERTY—SUMMARY: 1850 TO 1945

[Figures for 1850 relate to June 1, for 1910 to Apr. 15, for 1920, 1935, and 1945 to Jan. 1, and for 1930 and 1940 to Apr. 1, except that classification of land according to use refers to preceding year. Leaders indicate no data available]

ITEM	1850	1910	1920	1930	1935	1940	1945
Total population.....	23, 191, 876	91, 972, 266	105, 710, 620	122, 775, 046	127, 152, 000	131, 669, 275	133, 922, 634
Urban <sup>1</sup> .....		42, 166, 120	54, 304, 603	68, 954, 823	72, 320, 000	74, 423, 702	73, 903, 000
Rural <sup>2</sup> .....		49, 806, 146	51, 406, 017	53, 820, 223	54, 832, 000	57, 245, 573	52, 156, 000
Percent of total.....		54. 2	48. 6	43. 8	43. 1	43. 5	37. 5
Farm population <sup>4</sup> .....			31, 614, 269	30, 445, 350	31, 800, 907	30, 546, 911	23, 558, 488
Percent of total.....			29. 9	24. 8	25. 0	23. 2	17. 0
Percent of rural.....			61. 5	56. 6	58. 0	53. 4	45. 2
Number of farms.....	1, 449, 073	6, 361, 502	6, 448, 343	6, 288, 648	6, 812, 350	6, 096, 799	5, 850, 169
Approximate land area of United States (1,000 acres)...	1, 884, 376	1, 903, 290	1, 903, 215	1, 903, 217	1, 903, 217	1, 906, 362	1, 906, 362
Percent in farms.....	15. 6	46. 2	50. 2	51. 8	55. 4	55. 7	59. 9
All land in farms (1,000 acres)...	293, 561	878, 798	955, 884	986, 771	1, 054, 515	1, 060, 852	1, 141, 615
Cropland harvested.....				359, 242	295, 624	321, 242	352, 866
Crop failure.....				12, 707	63, 682	20, 580	10, 297
Cropland idle or fallow.....				41, 287	56, 029	56, 929	40, 082
Plowable pasture.....				109, 160	98, 579	131, 380	47, 449
Woodland pastured.....				85, 322	108, 096	137, 178	95, 075
Woodland not pastured.....				64, 624	77, 379		71, 261
Other land pastured.....				269, 673	311, 226	393, 544	481, 017
All other land.....				44, 757	43, 901		43, 568
Land used for crops (harvested and failure).....				371, 949	359, 306	341, 822	363, 163
Land available for crops <sup>5</sup> .....	113, 033	478, 452	503, 073	522, 396	513, 914	530, 181	450, 694
Average acreage per farm.....	202. 6	138. 1	148. 2	156. 9	154. 8	174. 0	194. 8
Value of farm property (thousands of dollars) <sup>6</sup> .....	3, 967, 344	49, 837, 696	77, 923, 652	56, 975, 697		41, 254, 979	60, 008, 208
Land and buildings.....	3, 271, 575	34, 801, 126	66, 316, 003	47, 879, 838	32, 858, 844	33, 641, 739	46, 388, 926
Implements and machinery.....	151, 588	1, 265, 150	3, 594, 773	3, 301, 654		3, 060, 187	5, 146, 851
Livestock <sup>10</sup> .....	544, 181	4, 771, 420	8, 012, 876	5, 794, 114	8, 418, 510	4, 553, 053	8, 472, 431
Percent of value of farm property represented by <sup>7</sup> —							
Land and buildings.....	82. 5	85. 2	85. 1	84. 0		81. 5	77. 3
Implements and machinery.....	3. 8	3. 1	4. 6	5. 8		7. 4	8. 6
Livestock.....	13. 7	11. 7	10. 3	10. 2		11. 0	14. 1
Average value of farm property per farm (dollars) <sup>8</sup> .....	2, 738	6, 420	12, 064	9, 000		6, 767	10, 242
Land and buildings.....	2, 258	5, 471	10, 284	7, 614	4, 828	5, 518	7, 917
Implements and machinery.....	105	199	557	525		502	878
Livestock.....	376	750	1, 243	921	502	747	1, 446
Average value of farm property per acre (dollars) <sup>9</sup> .....	13. 51	46. 47	81. 52	57. 74		38. 89	52. 56
Land and buildings.....	11. 14	39. 60	69. 38	48. 52	31. 16	31. 71	40. 63
Implements and machinery.....	. 52	1. 44	3. 76	3. 35		2. 88	4. 51
Livestock.....	1. 85	5. 43	8. 38	5. 87	3. 24	4. 29	7. 42

<sup>1</sup> Estimates.

<sup>2</sup> Estimate for total population as of Jan. 1, 1945, including armed forces overseas; estimates for urban and rural as of July 1, 1945, for civilian population only.

<sup>3</sup> For definition of urban and rural, see p. 2.

<sup>4</sup> 1930-45 farm population comprises all persons living on farms regardless of occupation, except that 1945 figures exclude persons in dwelling units rented to others than those engaged in agricultural work; 1920 figures include also those farm laborers (and their families) who, while not living on farms, lived outside limits of any incorporated place. Further difference is due to fact that 1920, 1935, and 1945 censuses were taken in January, while 1930 and 1940 censuses were taken in April, when number of persons on farms is appreciably larger. For additional farm population data, see tables 13 and 15, pp. 15 and 17.

<sup>5</sup> Land used only for pasture that had been plowed within 7 years.

<sup>6</sup> Pasture other than cropland and woodland.

<sup>7</sup> Cropland harvested, crop failure, cropland idle or fallow, and plowable pasture.

<sup>8</sup> "Improved land"; figures nominally include land available for crops and land occupied by buildings, yards, and barnyards.

<sup>9</sup> Value is of specified farm property, not all farm property.

<sup>10</sup> 1945 figure represents value of horses, mules, cattle, hogs, sheep, goats, and chickens; in addition to these items, 1940 figure includes value of poultry other than chickens, bees, and fur animals in captivity. For 1940 figures comparable with 1945, see table 652, p. 600. For items and age groups included for earlier years, see 1940 Census of Agriculture Reports, Vol. III; for figures comparable to 1945, see 1945 Census of Agriculture Reports, Vol. II.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Agriculture Vol. III, and 1945 Census of Agriculture, Vol. II.

## No. 650.—FARMS—NUMBER, ACREAGE, AND VALUE, BY STATES: 1930 TO 1945

DIVISION AND STATE	NUMBER OF FARMS				ALL LAND IN FARMS (thousands of acres)			
	1930	1935	1940	1945	1930	1935	1940	1945
<b>United States</b> .....	6,288,648	6,812,350	6,095,799	6,859,159	996,773	1,064,515	1,060,832	1,141,818
<b>New England</b> .....	124,928	158,241	135,190	150,311	14,383	15,463	13,371	14,497
Maine.....	39,006	41,907	38,980	42,184	4,640	4,722	4,233	4,613
New Hampshire.....	14,806	17,696	16,554	18,789	1,980	2,116	1,909	2,017
Vermont.....	24,898	27,051	23,582	26,490	3,896	4,043	3,067	3,931
Massachusetts.....	25,608	35,094	31,697	37,007	2,005	2,196	1,938	2,078
Rhode Island.....	3,322	4,327	3,614	3,603	279	306	222	265
Connecticut.....	17,196	32,157	21,163	22,241	1,503	2,080	1,512	1,593
<b>Middle Atlantic</b> .....	367,603	397,684	348,108	347,477	35,047	36,455	33,639	34,406
New York.....	159,806	177,038	153,238	149,490	17,980	18,686	17,170	17,568
New Jersey.....	25,378	29,375	25,835	26,226	1,758	1,914	1,874	1,818
Pennsylvania.....	172,419	191,284	169,027	171,761	15,309	15,855	14,594	15,020
<b>East North Central</b> .....	966,503	1,083,687	1,006,095	953,797	110,891	115,957	113,655	115,884
Ohio.....	219,396	255,146	233,783	220,575	21,514	22,858	21,908	21,926
Indiana.....	181,570	200,835	184,549	175,970	19,689	20,519	19,801	20,027
Illinois.....	214,497	231,312	213,439	204,239	30,695	31,661	31,033	31,609
Michigan.....	169,372	196,517	187,598	175,298	17,119	18,400	18,039	18,392
Wisconsin.....	181,767	199,877	186,735	177,745	21,874	23,450	22,876	23,515
<b>West North Central</b> .....	1,112,755	1,179,856	1,090,574	1,031,993	265,488	273,977	274,423	283,248
Minnesota.....	185,255	203,302	197,851	188,952	30,913	32,518	32,607	33,140
Iowa.....	214,928	221,986	213,318	206,934	34,019	34,350	34,149	34,484
Missouri.....	265,940	278,454	256,100	242,934	33,743	35,055	34,740	35,279
North Dakota.....	77,975	84,606	73,962	69,520	36,658	39,118	37,936	41,001
South Dakota.....	83,157	83,303	72,454	68,705	36,470	37,102	39,474	43,032
Nebraska.....	129,458	133,616	121,062	111,766	44,709	46,616	47,344	47,753
Kansas.....	166,042	174,689	156,327	141,192	46,976	48,010	48,174	48,589
<b>South Atlantic</b> .....	1,058,468	1,147,133	1,019,451	1,043,475	96,363	96,987	92,555	96,601
Delaware.....	9,707	10,381	8,994	9,296	901	921	866	923
Maryland.....	43,203	44,412	42,110	41,276	4,274	4,384	4,198	4,200
District of Columbia.....	104	89	65	49	3	3	2	2
Virginia.....	170,610	197,632	174,885	173,061	16,729	17,645	16,445	16,368
West Virginia.....	82,641	104,747	99,282	97,600	8,802	9,424	8,908	8,720
North Carolina.....	279,708	300,967	278,276	287,412	18,055	19,936	18,545	18,518
South Carolina.....	157,931	165,804	137,538	147,745	10,293	12,330	11,239	11,022
Georgia.....	255,598	250,544	216,033	225,897	22,079	25,297	23,694	23,676
Florida.....	58,966	72,857	62,248	61,159	5,027	6,048	5,338	13,084
<b>East South Central</b> .....	1,062,214	1,137,219	1,023,549	959,329	72,817	79,181	77,696	76,196
Kentucky.....	246,499	278,293	252,694	238,501	19,927	20,699	20,294	19,725
Tennessee.....	245,857	273,783	247,517	234,431	18,003	19,086	18,493	17,799
Alabama.....	257,395	273,455	231,746	223,369	17,555	19,661	19,143	19,099
Mississippi.....	312,663	311,663	291,092	263,528	17,332	19,665	19,156	19,517
<b>West South Central</b> .....	1,103,134	1,137,571	964,379	877,531	183,905	201,115	200,827	204,996
Arkansas.....	242,334	253,013	216,674	198,769	16,053	17,742	18,045	17,456
Louisiana.....	161,445	170,216	150,007	129,295	9,355	10,444	9,996	10,040
Oklahoma.....	203,866	213,325	179,687	164,790	33,791	35,335	34,803	36,163
Texas.....	495,489	601,017	418,002	384,977	124,707	137,697	137,683	141,338
<b>Mountain</b> .....	241,314	271,392	233,497	212,527	157,459	173,681	191,961	244,677
Montana.....	47,495	50,584	41,823	37,747	44,659	47,512	46,452	59,757
Idaho.....	41,674	45,113	43,063	41,498	9,247	9,952	10,298	12,503
Wyoming.....	16,011	17,487	15,018	13,076	23,525	28,162	28,026	33,117
Colorado.....	59,956	63,644	51,436	47,618	28,576	29,978	31,527	36,218
New Mexico.....	31,404	41,369	34,105	29,695	30,822	34,397	38,880	49,608
Arizona.....	14,173	18,824	18,486	13,143	10,527	14,019	25,651	37,856
Utah.....	27,159	30,695	25,411	26,322	8,613	6,239	7,302	10,309
Nevada.....	3,442	3,696	3,573	3,429	4,081	3,522	3,785	6,178
<b>Pacific</b> .....	261,733	299,567	276,373	281,329	69,525	62,476	63,584	71,529
Washington.....	70,904	84,381	61,686	79,987	13,534	14,680	15,182	16,720
Oregon.....	55,153	64,826	61,829	53,126	16,549	17,356	17,968	19,754
California.....	135,676	150,360	132,658	138,917	39,442	30,439	30,234	35,054

No. 650.—FARMS—NUMBER, ACREAGE, AND VALUE, BY STATES: 1930 TO 1945—CON.

DIVISION AND STATE	AVERAGE ACREAGE PER FARM		VALUE OF FARMS (LAND AND BUILDINGS)							
			Total (thousands of dollars)				Average value per farm (dollars)		Average value per acre (dollars)	
	1940	1945	1930	1935	1940	1945	1940	1945	1940	1945
<b>United States</b> .....	174.0	194.5	47,879,838	52,858,844	53,641,739	66,383,826	5,518	7,917	31.71	46.63
<b>New England</b> .....	98.9	96.4	940,713	901,271	749,506	939,517	5,478	6,244	55.38	64.74
Maine.....	108.3	109.4	194,280	143,539	124,083	189,881	3,183	3,785	29.38	34.61
New Hampshire.....	109.3	107.4	77,355	66,937	62,206	80,395	3,758	4,290	34.38	39.06
Vermont.....	155.5	148.4	145,935	115,996	111,109	134,576	4,712	5,080	30.30	34.24
Massachusetts.....	60.8	56.2	261,222	265,677	212,014	265,232	6,647	7,167	109.40	127.62
Rhode Island.....	73.6	73.5	34,606	35,238	26,334	35,610	8,737	9,883	118.67	134.51
Connecticut.....	71.5	71.6	227,413	283,884	204,761	263,023	9,575	11,826	135.41	165.09
<b>Middle Atlantic</b> .....	96.6	99.0	2,617,767	2,141,412	2,039,979	2,389,076	6,858	6,875	69.62	69.44
New York.....	112.1	117.5	1,315,905	1,045,392	947,074	1,067,822	6,180	7,275	55.16	61.90
New Jersey.....	72.6	69.2	206,845	234,313	227,806	292,981	8,618	11,171	121.54	161.15
Pennsylvania.....	95.3	87.4	1,203,018	861,707	864,200	1,008,274	5,113	5,872	59.22	67.15
<b>East North Central</b> .....	113.0	121.2	9,335,791	8,596,844	7,333,631	9,953,796	7,289	10,441	64.53	86.18
Ohio.....	93.7	99.4	1,693,031	1,277,566	1,443,917	1,868,351	6,176	8,470	65.91	85.20
Indiana.....	107.3	113.8	1,415,542	1,040,238	1,251,492	1,794,315	6,781	10,197	63.20	89.59
Illinois.....	145.4	154.7	3,336,049	2,265,900	2,537,117	3,652,545	11,987	17,933	81.78	118.90
Michigan.....	96.2	104.9	1,160,652	826,261	912,545	1,199,290	4,866	6,843	60.59	65.21
Wisconsin.....	122.5	132.9	1,781,517	1,246,889	1,188,559	1,434,295	6,365	8,089	61.96	60.74
<b>West North Central</b> .....	261.6	274.5	15,153,530	9,335,141	8,796,913	12,115,024	8,065	11,739	32.05	42.77
Minnesota.....	165.2	175.4	2,125,093	1,383,072	1,443,021	1,833,761	7,812	9,705	44.26	55.23
Iowa.....	160.1	164.9	4,224,506	2,462,313	2,690,744	3,611,140	12,614	17,294	78.79	104.81
Missouri.....	135.6	145.2	1,796,247	1,069,281	1,107,303	1,526,961	4,324	6,285	31.87	43.28
North Dakota.....	512.9	589.8	951,225	707,139	490,197	708,322	6,628	10,189	12.92	17.28
South Dakota.....	544.8	626.3	1,285,154	691,963	505,452	764,300	6,976	11,124	12.80	17.76
Nebraska.....	391.1	427.3	2,495,203	1,562,813	1,137,808	1,699,210	9,899	15,206	24.03	35.88
Kansas.....	306.2	344.1	2,281,102	1,478,659	1,421,387	1,971,331	9,092	13,962	29.51	40.67
<b>South Atlantic</b> .....	90.6	92.6	3,652,679	2,791,939	3,159,550	4,238,536	3,999	4,062	34.14	42.88
Delaware.....	99.6	99.3	65,942	61,476	54,899	72,694	6,104	7,820	61.30	78.73
Maryland.....	99.7	101.8	366,170	242,714	273,980	384,607	6,506	8,596	65.27	84.48
District of Columbia.....	36.0	48.4	7,144	7,183	5,943	4,961	91,429	124,034	2,538.62	2,576.02
Virginia.....	94.0	94.5	855,850	593,855	674,975	968,806	3,860	5,021	41.04	53.11
West Virginia.....	89.7	89.3	341,976	237,644	269,827	341,008	2,718	3,494	30.29	39.11
North Carolina.....	87.7	64.8	844,122	622,719	736,798	1,002,983	2,647	3,490	39.09	53.87
South Carolina.....	81.7	74.6	379,191	285,616	338,495	440,632	2,461	2,982	30.12	36.98
Georgia.....	109.6	104.8	577,338	429,755	480,345	654,244	2,223	2,896	20.28	27.63
Florida.....	133.9	213.9	423,346	321,078	324,375	498,400	5,211	8,149	38.90	39.09
<b>East South Central</b> .....	75.3	79.4	2,655,364	1,915,218	2,324,737	3,094,649	2,272	3,224	20.18	40.61
Kentucky.....	80.2	82.7	871,449	620,409	776,494	1,015,796	3,070	4,259	38.28	61.80
Tennessee.....	74.7	78.9	743,222	556,751	664,474	870,948	2,623	3,715	35.93	48.95
Alabama.....	82.6	85.4	502,371	368,220	408,782	559,743	1,764	2,506	21.35	29.36
Mississippi.....	65.8	74.4	568,322	370,839	474,966	647,662	1,632	2,467	24.80	33.01
<b>West South Central</b> .....	207.9	233.5	5,696,151	4,629,702	4,231,841	5,816,250	4,388	6,626	21.19	29.37
Arkansas.....	83.3	67.8	547,828	376,088	456,848	662,770	2,106	3,224	25.22	37.97
Louisiana.....	66.6	77.6	418,192	296,615	353,674	472,328	2,350	3,653	35.40	47.06
Oklahoma.....	193.7	219.4	1,242,724	784,364	831,141	1,106,154	4,625	8,713	23.88	30.89
Texas.....	322.4	367.1	3,597,407	2,573,705	2,589,979	3,574,998	6,196	9,286	18.81	25.29
<b>Mountain</b> .....	621.9	1,159.9	2,453,483	1,772,439	1,779,843	2,766,169	7,623	12,969	9.27	11.27
Montana.....	1,110.7	1,557.4	527,610	375,841	350,178	517,891	8,373	13,720	7.54	8.81
Idaho.....	235.8	301.3	417,250	307,395	339,194	483,331	7,768	11,898	32.94	39.46
Wyoming.....	1,866.2	2,532.6	206,652	166,774	158,971	232,043	10,585	17,746	6.67	7.01
Colorado.....	612.9	760.6	829,247	418,768	388,344	664,504	7,550	11,855	12.82	15.59
New Mexico.....	1,139.4	1,670.6	267,859	170,150	167,526	326,751	5,496	11,004	4.63	6.59
Arizona.....	1,388.9	2,880.6	184,231	132,650	153,677	287,876	8,321	21,905	6.99	7.60
Utah.....	267.4	391.7	221,223	158,303	154,358	261,818	6,074	9,947	21.14	35.40
Nevada.....	1,069.4	1,801.7	64,111	42,689	47,594	71,966	13,821	20,965	12.57	11.55
<b>Pacific</b> .....	230.6	263.7	4,823,961	3,324,878	3,236,536	6,083,508	11,729	18,628	69.82	71.06
Washington.....	185.9	209.3	773,663	550,720	593,366	900,184	7,264	11,268	39.08	53.84
Oregon.....	290.9	312.9	630,828	448,712	476,617	697,775	7,712	11,054	26.51	35.22
California.....	280.1	352.3	3,419,471	2,325,446	2,166,453	4,484,549	16,331	25,084	70.97	99.40

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

## No. 651.—FARM LAND, BY USE, BY STATES: 1939 AND 1944

[In thousands of acres. For total land in farms, see table 650]

DIVISION AND STATE	CROPLAND HARVESTED		CROP FAILURE		CROPLAND IDLE OR FALLOW		ALL OTHERS	
	1939	1944	1939	1944	1939	1944	1939	1944
<b>United States</b> .....	321,242	352,864	20,530	10,297	55,928	40,082	602,191	728,979
<b>New England</b> .....	3,460	3,967	63	45	339	187	9,562	10,279
Maine.....	1,147	1,316	15	16	108	85	2,054	3,197
New Hampshire.....	372	436	7	7	38	18	1,302	1,556
Vermont.....	1,023	1,160	8	11	46	17	2,590	2,743
Massachusetts.....	456	581	23	8	80	37	1,360	1,459
Rhode Island.....	49	62	3	1	10	8	160	194
Connecticut.....	363	433	5	3	56	22	1,086	1,136
<b>Middle Atlantic</b> .....	13,487	14,441	278	237	1,682	1,376	16,622	18,362
New York.....	6,681	6,922	133	162	743	578	9,713	9,907
New Jersey.....	779	916	29	16	150	89	916	799
Pennsylvania.....	6,027	6,604	116	60	989	709	7,393	7,647
<b>East North Central</b> .....	55,431	61,117	719	649	5,120	3,123	52,386	59,658
Ohio.....	9,772	10,837	162	82	896	516	11,069	10,493
Indiana.....	9,711	10,912	168	131	1,009	690	8,852	8,308
Illinois.....	18,270	20,302	209	266	1,718	865	10,835	10,170
Michigan.....	7,963	8,621	116	112	1,043	791	9,016	8,908
Wisconsin.....	9,815	10,545	73	69	391	277	12,596	12,724
<b>West North Central</b> .....	114,239	132,779	11,811	6,164	19,649	10,677	129,223	133,799
Minnesota.....	19,807	18,559	261	1,329	1,073	1,070	12,474	12,164
Iowa.....	20,077	21,562	282	593	828	176	12,962	12,134
Missouri.....	12,400	12,902	238	397	1,128	642	20,973	21,337
North Dakota.....	15,537	20,817	1,131	545	6,910	3,030	14,459	16,608
South Dakota.....	12,297	16,525	2,166	713	2,471	624	22,551	25,170
Nebraska.....	17,305	19,596	1,884	1,251	2,491	1,639	26,666	26,267
Kansas.....	17,816	22,817	5,370	1,346	4,846	3,387	30,141	31,040
<b>South Atlantic</b> .....	28,323	27,494	414	290	4,846	5,160	58,977	63,646
Delaware.....	378	416	10	17	97	68	410	422
Maryland.....	1,009	1,745	30	13	343	212	2,214	2,230
District of Columbia.....	1	1	(7)	—	(7)	(7)	1	1
Virginia.....	3,840	3,933	63	47	867	643	11,674	11,735
West Virginia.....	1,565	1,490	26	16	238	157	7,081	7,068
North Carolina.....	6,125	6,126	69	44	998	906	11,653	11,542
South Carolina.....	4,322	4,149	26	24	599	776	6,313	6,072
Georgia.....	8,803	7,824	110	91	1,264	1,944	13,506	12,816
Florida.....	1,080	1,809	72	31	462	474	6,124	10,799
<b>East South Central</b> .....	25,495	22,808	1,062	309	3,787	4,112	46,741	47,975
Kentucky.....	5,272	5,322	123	66	1,104	962	13,785	13,263
Tennessee.....	6,189	5,844	203	81	1,250	1,089	10,881	10,776
Alabama.....	7,112	6,163	309	68	803	1,191	10,920	11,655
Mississippi.....	6,962	6,473	417	113	630	850	11,156	12,120
<b>West South Central</b> .....	49,472	51,943	2,522	1,289	6,664	4,328	129,433	148,325
Arkansas.....	6,610	5,995	137	136	902	991	10,396	10,336
Louisiana.....	4,052	3,490	60	94	483	519	5,401	6,937
Oklahoma.....	12,766	14,068	1,254	266	1,811	851	18,972	20,967
Texas.....	26,044	27,409	2,067	794	4,887	1,979	104,664	111,097
<b>Mountain</b> .....	18,488	23,763	2,728	1,122	7,762	6,242	162,965	214,190
Montana.....	5,748	7,439	497	317	3,889	2,162	36,317	47,869
Idaho.....	2,935	3,442	62	25	932	800	6,369	8,236
Wyoming.....	1,535	1,842	210	66	309	196	25,972	31,009
Colorado.....	4,770	6,036	1,569	514	1,685	1,493	23,514	28,176
New Mexico.....	1,573	1,957	261	170	266	240	36,662	47,241
Arizona.....	526	652	44	21	161	56	24,920	27,127
Utah.....	906	1,248	77	14	328	274	5,935	8,773
Nevada.....	426	487	16	3	36	20	3,297	5,608
<b>Pacific</b> .....	12,939	16,162	479	—	5,526	4,929	44,771	51,226
Washington.....	2,570	4,290	61	—	2,509	2,377	8,962	10,027
Oregon.....	2,824	3,276	112	37	1,106	1,040	13,947	18,411
California.....	6,535	7,536	—	106	1,821	1,523	21,872	26,888

For footnotes, see next page.



## No. 651.—FARM LAND, BY USE, BY STATES: 1939 AND 1944—Continued

[In thousands of acres]

DIVISION AND STATE	1939 (ALL OTHER) <sup>1</sup>			1944 (ALL OTHER) <sup>1</sup>				
	Plowable pasture	Wood- land	All other land	Cropland used only for pasture <sup>2</sup>	Wood- land pastured	Other land pastured	Wood- land not pastured	All other land
United States	131,359	137,178	393,544	47,449	95,975	481,917	71,261	43,568
New England	1,371	5,147	3,044	375	2,464	2,251	4,467	721
Maine	320	1,783	851	74	611	439	1,839	234
New Hampshire	173	860	359	48	446	231	755	75
Vermont	401	1,174	1,015	93	857	1,023	694	76
Massachusetts	230	717	433	77	300	247	540	189
Rhode Island	32	91	38	10	18	41	92	33
Connecticut	216	521	349	72	232	270	447	115
Middle Atlantic	5,917	6,362	6,623	1,459	2,536	7,364	4,637	2,395
New York	2,790	3,022	3,911	706	1,523	4,550	2,100	1,029
New Jersey	199	424	294	116	39	175	299	208
Pennsylvania	2,039	2,936	2,418	638	974	2,638	2,338	1,068
East North Central	19,108	13,498	19,780	9,411	11,298	17,171	5,519	7,245
Ohio	4,838	2,413	3,636	1,667	1,560	4,552	1,107	1,407
Indiana	3,702	2,340	2,811	1,517	1,710	2,475	964	1,338
Illinois	4,936	1,913	3,986	2,160	1,687	3,903	787	1,643
Michigan	2,876	2,710	3,429	1,786	2,275	2,387	1,226	1,394
Wisconsin	2,757	4,121	5,718	1,791	3,976	3,954	1,536	1,467
West North Central	38,209	13,172	77,643	10,624	11,645	93,522	4,914	15,645
Minnesota	2,841	2,932	6,701	1,316	3,056	3,825	1,309	2,757
Iowa	6,361	1,300	5,300	2,612	1,462	5,759	225	2,076
Missouri	9,241	6,962	4,780	2,915	5,159	9,637	1,973	1,632
North Dakota	3,623	386	10,449	710	316	12,039	158	3,385
South Dakota	6,247	340	15,964	641	194	22,492	79	1,764
Nebraska	3,736	550	21,379	942	878	22,165	133	1,629
Kansas	6,161	711	13,269	687	460	17,684	237	1,782
South Atlantic	9,991	37,995	11,172	4,647	12,527	14,259	29,390	3,424
Delaware	84	225	101	63	9	40	223	87
Maryland	601	1,142	471	304	127	472	974	263
District of Columbia	( <sup>3</sup> )	( <sup>3</sup> )	1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Virginia	3,192	6,762	1,721	1,169	1,177	3,159	5,643	589
West Virginia	2,033	2,994	2,058	312	1,100	3,244	2,127	276
North Carolina	1,230	9,093	1,830	526	1,093	1,099	8,106	718
South Carolina	604	4,663	546	238	985	629	3,628	393
Georgia	1,513	10,175	1,819	784	3,506	1,611	7,214	699
Florida	643	2,650	2,631	563	4,527	4,006	1,274	399
East South Central	16,127	22,689	8,726	8,006	8,994	11,955	15,107	3,918
Kentucky	6,708	4,592	2,489	4,036	1,172	3,683	3,353	1,117
Tennessee	3,547	5,219	2,115	2,260	1,333	2,447	3,720	1,016
Alabama	2,174	7,009	1,737	854	2,917	2,440	4,659	785
Mississippi	2,702	6,068	2,385	■	3,671	3,384	3,376	1,001
West South Central	21,658	26,260	92,116	9,062	23,839	105,636	5,877	4,412
Arkansas	2,543	6,171	1,683	1,651	2,383	2,326	3,166	806
Louisiana	1,443	2,950	1,008	1,032	1,386	1,502	1,494	522
Oklahoma	3,899	3,065	12,077	1,759	4,119	13,351	399	1,329
Texas	13,243	14,074	77,348	4,619	16,051	87,854	819	1,754
Mountain	15,183	6,646	141,756	1,879	14,427	193,261	435	4,999
Montana	4,655	1,137	30,525	400	996	45,556	99	837
Idaho	779	692	4,898	322	946	6,230	114	624
Wyoming	1,459	387	24,126	112	261	30,246	11	359
Colorado	4,885	1,097	17,532	515	1,311	25,417	95	839
New Mexico	2,374	1,482	32,808	135	4,647	41,614	84	761
Arizona	261	1,147	23,511	230	6,007	30,515	14	262
Utah	395	79	5,461	128	173	8,263	11	199
Nevada	374	25	2,898	36	76	5,420	7	129
Pacific	5,497	5,880	32,484	3,293	7,975	36,099	1,655	2,395
Washington	951	1,481	6,541	439	1,862	6,803	474	450
Oregon	1,214	2,082	10,551	599	2,772	11,086	490	497
California	4,243	2,337	15,292	2,195	3,341	18,211	691	1,448

<sup>1</sup> Land in farms other than cropland harvested, crop failure, and cropland idle or fallow.<sup>2</sup> 800 acres or less.<sup>3</sup> Land used only for pasture that had been plowed within 7 years.

Source: Department of Commerce, Bureau of the Census; 1946 Census of Agriculture, Vol. II.

## No. 652.—FARM PROPERTY—VALUE OF SPECIFIED CLASSES, BY STATES: 1940 AND 1945

(In thousands of dollars)

DIVISION AND STATE	TOTAL VALUE OF SPECIFIED FARM PROPERTY		VALUE OF FARMS (LAND AND BUILDINGS)		VALUE OF IMPLEMENTS AND MACHINERY <sup>1</sup>		VALUE OF LIVESTOCK <sup>2</sup>	
	1940	1945	1940	1945	1940	1945	1940	1945
United States ..	41,227,849	60,008,208	33,641,739	46,368,926	3,060,187	5,146,831	4,525,923	9,472,431
New England ..	906,522	1,240,476	740,508	938,517	72,678	125,418	92,338	176,541
Maine ..	100,552	220,562	124,083	169,681	19,611	33,126	16,858	27,785
New Hampshire ..	78,497	110,486	62,206	80,395	6,768	11,118	9,523	18,974
Vermont ..	154,777	214,104	111,109	134,576	15,623	27,891	28,046	51,637
Massachusetts ..	246,291	333,693	212,014	265,232	16,613	29,069	19,864	36,292
Rhode Island ..	31,112	45,190	26,334	35,610	2,180	4,027	2,897	6,533
Connecticut ..	233,293	316,572	204,761	263,024	12,883	20,189	18,648	33,260
Middle Atlantic ..	2,668,358	3,514,100	2,039,079	2,388,076	293,078	507,870	336,208	617,153
New York ..	1,258,731	1,646,231	947,074	1,087,582	138,342	219,391	173,315	319,417
New Jersey ..	281,078	390,816	227,805	292,961	25,636	45,372	27,636	52,464
Pennsylvania ..	1,128,549	1,477,053	864,200	1,008,574	129,100	223,207	135,257	245,272
East North Central ..	8,935,316	12,799,557	7,333,831	9,968,796	706,810	1,197,672	892,875	1,642,888
Ohio ..	1,720,870	2,327,840	1,443,917	1,868,351	120,212	197,286	156,741	262,203
Indiana ..	1,492,070	2,225,651	1,251,492	1,794,315	106,512	182,475	134,067	248,961
Illinois ..	2,632,926	4,418,953	2,537,117	3,662,545	186,682	321,363	309,127	436,045
Michigan ..	1,170,647	1,619,208	912,545	1,199,290	121,574	213,660	136,528	206,056
Wisconsin ..	1,618,802	2,207,908	1,188,559	1,434,295	173,831	282,889	256,412	490,724
West North Central ..	10,901,078	16,093,123	8,796,913	12,115,024	872,300	1,463,131	1,232,865	2,514,968
Minnesota ..	1,863,829	2,558,486	1,443,021	1,833,761	198,444	302,430	227,364	422,294
Iowa ..	3,268,344	4,655,361	2,600,744	3,611,140	242,047	354,263	335,553	690,956
Missouri ..	1,382,769	2,002,624	1,107,303	1,526,961	87,055	146,650	189,411	329,213
North Dakota ..	646,052	1,031,221	490,197	708,322	76,876	161,531	78,979	161,308
South Dakota ..	609,176	1,117,643	505,452	764,300	59,909	114,382	103,754	238,962
Nebraska ..	1,395,822	2,238,517	1,137,808	1,699,210	97,645	182,092	160,369	357,216
Kansas ..	1,675,086	2,499,071	1,421,387	1,971,331	115,263	201,783	138,436	316,957
South Atlantic ..	3,763,387	5,254,309	3,159,650	4,235,536	205,788	357,804	388,051	687,863
Delaware ..	66,477	93,303	54,890	72,694	5,748	11,435	5,830	9,175
Maryland ..	326,808	450,349	273,960	354,807	21,490	41,873	31,337	53,669
Dist. of Columbia ..	6,101	5,126	5,943	4,961	82	31	78	123
Virginia ..	785,091	1,052,990	674,975	868,806	37,860	57,627	72,856	126,366
West Virginia ..	321,172	412,165	269,827	341,006	14,890	18,781	36,450	52,366
North Carolina ..	872,019	1,223,712	736,708	1,002,983	45,466	76,481	69,843	144,246
South Carolina ..	405,724	553,832	338,496	440,632	24,197	42,006	43,032	71,194
Georgia ..	597,751	859,801	480,345	654,244	35,663	72,795	61,743	132,762
Florida ..	371,644	603,032	324,378	496,400	20,382	36,676	26,684	67,956
East South Central ..	2,843,272	3,943,454	2,324,737	3,094,649	160,559	284,287	357,967	545,149
Kentucky ..	921,343	1,246,834	776,494	1,015,796	41,519	70,454	103,230	160,694
Tennessee ..	811,262	1,099,121	664,474	870,948	49,183	80,864	97,624	147,309
Alabama ..	512,237	736,406	408,782	559,743	29,596	57,070	73,858	119,595
Mississippi ..	598,431	861,091	474,966	647,562	40,301	75,860	83,144	137,661
West South Central ..	5,147,206	7,400,884	4,231,841	6,816,250	332,414	641,792	582,960	1,042,642
Arkansas ..	564,290	841,611	466,848	682,770	37,417	78,140	70,034	100,694
Louisiana ..	450,280	644,534	353,874	472,328	35,805	61,321	60,610	110,674
Oklahoma ..	1,017,729	1,438,384	831,141	1,106,154	78,449	125,278	108,139	206,952
Texas ..	3,114,889	4,476,366	2,589,979	3,574,998	180,744	277,046	344,166	624,322
Mountain ..	2,355,225	3,837,971	1,779,843	2,756,169	180,506	306,479	394,875	775,223
Montana ..	475,549	769,994	350,178	517,891	43,194	77,470	62,177	174,633
Idaho ..	432,283	658,927	339,194	493,331	42,145	68,342	50,944	97,254
Wyoming ..	236,626	354,407	156,971	232,043	15,310	22,478	61,345	99,886
Colorado ..	498,824	787,337	388,344	564,604	39,022	70,747	71,459	152,066
New Mexico ..	248,035	436,219	187,526	326,751	15,213	24,618	45,297	84,650
Arizona ..	193,899	358,849	153,677	267,876	9,961	18,206	30,261	55,677
Utah ..	196,497	351,785	154,356	261,818	11,941	20,647	32,196	69,320
Nevada ..	72,512	120,455	47,594	71,956	3,721	6,681	21,196	41,818
Pacific ..	3,717,486	5,824,334	3,236,636	5,082,508	233,046	362,128	147,603	479,696
Washington ..	697,792	1,070,854	593,366	900,164	55,101	88,391	48,324	92,379
Oregon ..	577,070	860,024	476,817	697,775	44,006	66,657	55,845	95,592
California ..	2,442,624	3,993,456	2,166,453	3,484,569	133,939	207,080	143,434	301,826

<sup>1</sup> Value of automobiles included, 1940; excluded, 1945.<sup>2</sup> Covers horses, mules, cattle, hogs, sheep, goats, and chickens.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 653.—LAND UTILIZATION—TREND IN THE UNITED STATES: 1880 TO 1945

[In millions of acres. Total farm and nonfarm land areas are for year indicated. Cropland and pasture acreages usually relate to preceding years]

LAND USE ITEM	1880	1890	1900	1910	1920	1930	1940	1945
Total.....	1, 905	1, 905	1, 905	1, 905	1, 905	1, 905	1, 905	1, 905
In farms.....	536	623	839	879	956	987	1, 061	1, 142
Pasture.....	122	144	276	284	328	379	461	529
Not plowable.....					223	270	350	420
Plowable.....					105	109	111	109
Crop failure and cropland lying idle or fallow.....	10	15	24	25	40	54	78	50
Cropland harvested.....	178	233	295	322	362	359	321	353
Farmsteads, lanes and waste.....	36	41	53	57	58	45	44	44
Forests and cut-over land.....	190	190	191	191	168	150	157	166
Pastured.....				98	77	85	100	95
Not pastured.....				93	91	65	57	71
Not in farms.....	1, 369	1, 282	1, 066	1, 026	949	918	844	763
Roads, railroads, cities, parks, ungrazed desert, and other waste land not in farms (estimated).....	118	120	123	125	128	132	137	149
Pasture (not in farms): Includes idle grassland in the first decades and arid woodland (pinon-juniper, chaparral) in all years.....	883	818	625	600	502	437	382	292
Forest land capable of producing timber of commercial quantity and quality outside of farms.....	368	344	318	301	319	349	325	322

Source: Dept. of Commerce, Bureau of Census and Dept. of Agriculture, Bureau of Agricultural Economics; cooperative report, Graphic Summary of Land Utilization in the United States, and records.

No. 654.—FARM REAL ESTATE—LAND TRANSFERS AND VALUES: 1926 TO 1947

YEAR	ESTIMATED NUMBER OF FARMS CHANGING OWNERSHIP PER 1,000 FARMS <sup>1</sup>				Index of estimated value per acre <sup>2</sup> (1912-14=100)
	Total	Voluntary sales and trades	Forced sales and related defaults	Others <sup>3</sup>	
1926.....	61.4	29.6	21.6	10.2	124
1927.....	68.5	28.3	23.3	16.9	119
1928.....	66.0	26.3	22.8	16.9	117
1929.....	58.0	23.5	19.5	15.0	116
1930.....	61.5	23.7	20.8	17.0	115
1931.....	61.9	19.0	26.1	16.8	106
1932.....	76.6	16.2	41.7	18.7	89
1933.....	93.6	16.8	54.1	22.7	73
1934.....	78.6	17.8	39.1	21.7	76
1935.....	69.1	19.4	28.3	21.4	79
1936.....	72.9	24.8	26.2	21.9	82
1937.....	74.0	31.5	22.4	20.1	85
1938.....	65.4	30.5	17.4	17.5	85
1939.....	63.8	29.7	17.0	17.1	84
1940.....	63.0	30.2	15.9	16.9	84
1941.....	63.7	34.1	13.9	15.7	85
1942.....	66.1	41.7	9.3	15.1	91
1943.....	67.0	45.8	6.6	14.6	99
1944.....	76.1	55.9	4.9	15.3	114
1945.....	69.7	51.5	3.0	15.2	126
1946.....	75.0	57.4	2.3	15.3	142
1947.....	75.9	57.7	1.8	16.4	159

<sup>1</sup> Year ending Mar. 15.

<sup>2</sup> Largely inheritance, gift, and sales in settlement of estates; also includes a small number of miscellaneous and unclassified transfers.

<sup>3</sup> As of Mar. 1.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, The Agricultural Finance Review.

## No. 655.—FARM REAL ESTATE—INDEXES OF ESTIMATED VALUE PER ACRE, BY STATES: 1912 TO 1948

[1912=100]

DIVISION AND STATE	1912	1915	1920	1925	1930	1933	1935	1940	1945	1948	1946	1947	1948
United States	117	124	205	153	128	85	95	102	129	153	171	192	205
New England	94	94	133	121	121	100	99	101	106	123	133	145	151
Maine	105	101	140	131	131	99	99	100	104	125	131	141	146
New Hampshire	105	100	139	120	120	100	95	102	106	127	133	147	154
Vermont	101	103	149	125	123	101	100	101	110	129	143	155	170
Massachusetts	88	88	125	118	117	101	99	101	103	119	126	129	138
Rhode Island	84	86	110	108	113	100	99	101	107	122	134	147	155
Connecticut	79	80	110	110	112	100	99	100	106	121	133	150	155
Middle Atlantic	111	113	154	129	120	93	96	102	117	134	145	163	171
New York	115	117	156	130	120	95	98	108	114	128	140	162	167
New Jersey	86	87	114	109	110	97	97	102	119	132	144	162	165
Pennsylvania	113	115	161	132	123	90	95	104	119	142	150	165	177
East North Central	131	140	217	157	130	83	91	106	129	160	181	205	217
Ohio	135	147	219	151	124	81	91	106	134	167	193	215	230
Indiana	141	148	235	149	117	77	80	108	143	181	211	231	251
Illinois	142	150	233	168	133	79	90	110	133	163	181	207	220
Michigan	111	116	175	150	137	91	94	103	130	164	190	219	224
Wisconsin	113	121	198	151	136	93	95	97	107	128	139	157	169
West North Central	140	151	255	181	157	82	95	94	110	138	153	172	194
Minnesota	111	125	250	186	156	92	97	100	117	134	151	167	184
Iowa	133	155	296	189	156	81	92	103	121	149	167	186	208
Missouri	164	172	282	189	156	93	98	100	125	154	173	191	196
North Dakota	150	159	225	169	148	102	103	80	89	117	129	142	171
South Dakota	185	195	349	221	179	106	105	79	91	119	131	145	175
Nebraska	139	143	254	176	161	99	102	83	91	122	137	153	179
Kansas	133	135	198	151	148	92	95	93	111	145	158	184	214
South Atlantic	96	97	196	146	127	79	92	106	125	163	187	214	230
Delaware	116	117	161	130	129	93	95	103	126	142	159	186	189
Maryland	100	107	170	135	126	92	94	103	128	152	170	202	207
Virginia	91	91	177	145	126	83	91	106	123	161	188	211	212
West Virginia	118	123	187	145	127	89	95	104	120	129	147	167	180
North Carolina	76	80	174	146	123	67	87	108	125	175	209	242	253
South Carolina	122	114	278	167	125	69	92	106	135	196	209	237	252
Georgia	128	122	264	151	130	74	93	107	134	173	191	226	235
Florida	74	75	137	132	132	93	97	102	115	142	157	173	161
East South Central	96	96	197	139	126	78	92	110	139	177	209	243	253
Kentucky	100	103	206	145	131	82	90	117	152	195	227	272	272
Tennessee	97	101	202	138	125	79	92	109	140	179	215	246	261
Alabama	84	84	151	131	122	75	94	104	119	153	177	211	215
Mississippi	99	99	222	139	124	74	92	108	135	168	199	230	242
West South Central	100	105	186	151	143	86	95	104	118	145	162	179	200
Arkansas	106	102	239	172	152	86	95	103	133	179	193	230	253
Louisiana	90	87	180	128	120	81	94	110	132	147	159	186	184
Oklahoma	107	104	182	144	139	83	94	102	122	143	171	185	208
Texas	99	107	183	153	144	87	95	103	114	144	158	173	198
Mountain	133	133	264	142	138	93	95	103	124	163	182	202	215
Montana	183	188	236	141	135	89	95	104	130	168	192	220	243
Idaho	119	114	205	147	136	91	96	102	127	166	182	190	200
Wyoming	149	156	271	153	150	95	95	104	135	177	202	226	257
Colorado	169	161	242	159	142	92	92	105	133	186	214	242	269
New Mexico	124	124	178	134	136	93	94	104	125	163	186	207	223
Arizona	101	103	175	129	130	95	97	101	116	154	168	186	191
Utah	114	111	190	148	144	95	95	102	114	138	145	155	167
Nevada	141	149	195	150	145	95	95	102	114	134	147	157	168
Pacific	89	101	146	137	133	90	95	101	119	161	182	202	197
Washington	120	122	171	138	135	90	94	103	124	164	189	208	213
Oregon	122	125	162	138	135	90	93	105	124	163	179	191	195
California	77	92	139	136	133	90	95	100	117	160	182	202	195

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, The Farm Real Estate Situation.

No. 656.—FARMS—NUMBER AND ACREAGE, 1920 TO 1945, AND VALUE OF LAND AND BUILDINGS, 1945, BY SIZE OF FARM

SIZE OF FARM	1920	1925	1930	1935	1940	1920	1925	1930	1935	1940
	Number of farms					Percent distribution of number of farms				
Total.....	6,448,343	6,371,640	6,238,648	6,612,350	6,096,799	100.0	100.0	100.0	100.0	100.0
Under 3 acres.....	20,350	15,151	43,007	36,573	25,977	3	2	7	5	6
3 to 9 acres.....	268,422	363,384	315,497	535,258	470,425	4.2	5.7	5.0	7.9	7.7
10 to 19 acres.....	507,763	588,049	559,617	683,452	559,254	7.9	9.2	8.9	10.0	9.2
20 to 49 acres.....	1,503,732	1,450,843	1,440,388	1,440,143	1,221,006	23.3	22.8	22.0	21.1	20.0
50 to 99 acres.....	1,474,745	1,421,078	1,374,965	1,444,007	1,291,048	22.9	22.3	21.9	21.2	21.2
100 to 499 acres.....	2,456,107	2,325,155	2,314,858	2,417,803	2,254,864	38.1	36.5	36.8	35.5	37.0
100 to 174 acres.....	1,449,630	1,383,777	1,342,927	1,404,297	1,278,617	22.5	21.7	21.4	20.6	21.0
175 to 259 acres.....	530,800	503,417	520,593	540,267	517,460	8.2	7.9	8.3	7.9	8.5
260 to 499 acres.....	475,077	438,961	451,339	473,239	458,787	7.4	6.9	7.2	6.9	7.5
500 to 999 acres.....	149,819	143,852	159,696	167,452	163,694	2.3	2.3	2.5	2.5	2.7
1,000 acres and over.....	67,405	63,328	90,620	88,862	100,581	1.0	1.0	1.8	1.3	1.6
	All land in farms (thousands of acres)					Percent distribution of land in farms				
Total.....	955,884	924,319	985,771	1,054,515	1,060,852	100.0	100.0	100.0	100.0	100.0
Under 3 acres.....	34	23	61	51	51	(1)	(1)	(1)	(1)	(1)
3 to 9 acres.....	1,567	2,074	1,847	3,006	2,617	.2	.2	.2	.3	.2
10 to 19 acres.....	7,087	8,060	7,789	9,359	7,607	.7	.9	.8	.9	.7
20 to 49 acres.....	48,466	46,405	46,252	46,594	39,892	5.1	5.0	4.7	4.4	3.8
50 to 99 acres.....	105,631	101,906	98,685	104,018	93,317	11.1	11.0	10.0	9.9	8.8
100 to 499 acres.....	471,488	443,912	447,000	467,535	441,366	49.3	48.0	45.3	44.3	41.6
100 to 174 acres.....	194,681	185,708	180,214	188,859	172,020	20.4	20.1	18.3	17.9	16.2
175 to 259 acres.....	112,563	106,473	110,265	114,408	109,777	11.8	11.5	11.2	10.8	10.3
260 to 499 acres.....	164,244	151,731	155,522	164,268	159,569	17.2	16.4	15.9	15.6	15.0
500 to 999 acres.....	100,976	97,468	108,924	114,244	111,935	10.6	10.5	11.0	10.8	10.6
1,000 acres and over.....	220,636	224,472	276,213	309,701	364,060	23.1	24.3	28.0	29.4	34.3

SIZE OF FARM	1945							
	Number of farms	All land in farms (1,000 acres)	Cropland harvested (1,000 acres)	Value of land and buildings (\$1,000)	Percent distribution			
					Number of farms	All land in farms	Cropland harvested	Value of land and bldgs.
Total.....	5,859,169	1,141,615	352,866	46,388,926	100.0	100.0	100.0	100.0
Under 3 acres.....	98,966	141	55	287,917	1.7	(1)	(1)	.6
3 to 9 acres.....	495,566	2,664	1,219	1,429,843	8.5	.2	.3	3.1
10 to 29 acres.....	945,906	16,864	9,760	2,756,084	16.1	1.5	2.8	5.9
30 to 49 acres.....	708,706	27,074	13,304	2,321,628	12.1	2.4	3.8	5.0
50 to 99 acres.....	1,157,320	83,206	35,864	5,547,534	19.8	7.3	10.2	12.0
50 to 69 acres.....	472,415	27,209	13,808	1,919,184	8.1	2.4	3.3	4.1
70 to 99 acres.....	684,905	55,997	24,056	3,628,350	11.7	4.9	6.8	7.8
100 to 179 acres.....	1,190,809	162,375	73,264	9,828,841	20.6	14.2	20.6	21.2
100 to 139 acres.....	633,851	73,070	30,863	4,352,514	10.8	6.4	8.7	9.4
140 to 179 acres.....	556,958	89,305	42,411	5,476,328	9.7	7.8	12.0	11.8
180 to 259 acres.....	493,215	105,802	49,027	6,339,439	8.4	9.3	12.9	13.7
180 to 219 acres.....	282,839	55,800	24,762	3,263,383	4.8	4.9	7.0	7.0
220 to 259 acres.....	210,376	50,002	24,265	3,076,056	3.6	4.4	6.9	6.6
260 to 499 acres.....	473,184	164,648	76,209	8,148,161	8.1	14.4	21.6	17.6
260 to 379 acres.....	331,727	103,067	48,264	5,418,975	6.7	9.0	13.7	11.7
380 to 499 acres.....	141,457	61,581	27,946	2,729,186	2.4	5.4	7.9	5.9
500 to 999 acres.....	178,777	118,836	40,308	3,998,118	2.0	10.4	13.1	8.6
500 to 699 acres.....	106,515	62,275	25,426	2,285,239	1.6	5.5	7.2	4.9
700 to 999 acres.....	68,262	56,560	20,882	1,710,880	1.2	5.0	5.9	3.7
1,000 acres and over.....	112,899	460,006	47,549	5,733,354	1.9	40.3	12.6	12.4

<sup>1</sup> 0.05 percent or less.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

## No. 657.—FARMS—NUMBER, BY SIZE, BY STATES: 1945

DIVISION AND STATE	Total number of farms	Under 3 acres	3 to 9 acres	10 to 29 acres	30 to 49 acres	50 to 99 acres	100 to 179 acres	180 to 299 acres	300 to 499 acres	500 to 999 acres	1,000 acres and over
<b>United States</b> .....	<b>5,859,169</b>	<b>96,966</b>	<b>496,595</b>	<b>945,803</b>	<b>708,726</b>	<b>1,157,320</b>	<b>1,199,809</b>	<b>493,216</b>	<b>473,184</b>	<b>173,777</b>	<b>112,699</b>
<b>New England</b> .....	<b>150,311</b>	<b>4,320</b>	<b>21,764</b>	<b>26,016</b>	<b>15,603</b>	<b>29,907</b>	<b>29,311</b>	<b>11,915</b>	<b>8,962</b>	<b>2,149</b>	<b>341</b>
Maine.....	42,184	503	3,549	5,252	4,270	11,124	10,469	3,757	2,507	647	111
New Hampshire.....	18,788	366	2,259	3,045	2,064	4,032	3,774	1,506	1,291	383	66
Vermont.....	26,490	398	2,314	2,612	1,537	4,064	7,300	4,072	3,421	992	89
Massachusetts.....	37,007	2,304	8,600	9,314	4,394	5,742	3,945	1,283	884	232	40
Rhode Island.....	3,603	192	653	780	453	710	626	169	107	31	12
Connecticut.....	22,241	537	4,129	5,043	2,865	4,235	3,297	1,130	762	169	84
<b>Middle Atlantic</b> .....	<b>347,477</b>	<b>8,806</b>	<b>36,495</b>	<b>49,516</b>	<b>33,041</b>	<b>83,505</b>	<b>87,593</b>	<b>29,791</b>	<b>17,596</b>	<b>2,714</b>	<b>421</b>
New York.....	149,490	2,451	12,920	18,042	12,179	32,532	40,752	17,239	11,404	1,739	232
New Jersey.....	26,226	1,297	4,004	6,027	2,793	4,662	4,411	1,276	683	140	43
Pennsylvania.....	171,761	3,058	18,671	26,447	18,079	46,311	42,430	11,276	5,506	835	146
<b>East North Central</b> .....	<b>963,797</b>	<b>5,774</b>	<b>64,139</b>	<b>93,002</b>	<b>91,724</b>	<b>226,111</b>	<b>276,999</b>	<b>115,113</b>	<b>70,530</b>	<b>9,211</b>	<b>1,156</b>
Ohio.....	220,575	1,558	21,792	29,041	21,725	57,299	58,284	19,240	10,102	1,335	179
Indiana.....	175,070	1,294	14,547	21,807	18,173	40,339	46,103	19,516	12,268	1,719	204
Illinois.....	204,239	1,460	12,340	16,769	13,023	31,654	60,390	36,546	27,377	3,678	370
Michigan.....	175,268	764	10,438	18,161	25,140	48,939	46,340	15,751	8,457	1,064	214
Wisconsin.....	177,745	669	5,022	7,204	13,063	47,890	65,882	24,088	12,334	1,415	199
<b>West North Central</b> .....	<b>1,031,993</b>	<b>5,577</b>	<b>42,311</b>	<b>52,306</b>	<b>53,730</b>	<b>131,046</b>	<b>265,119</b>	<b>139,205</b>	<b>196,212</b>	<b>74,336</b>	<b>32,063</b>
Minnesota.....	188,852	1,173	8,176	7,005	11,220	29,479	64,773	34,397	29,350	4,277	502
Iowa.....	208,934	993	9,671	9,589	7,565	28,060	80,342	42,317	27,483	2,555	219
Missouri.....	242,934	1,188	13,720	22,275	26,068	49,968	64,157	31,905	26,657	5,935	1,011
North Dakota.....	99,520	220	627	670	583	1,019	6,854	3,670	26,198	22,004	7,975
South Dakota.....	98,705	310	969	1,169	950	2,187	11,572	7,990	23,243	11,997	8,299
Nebraska.....	111,756	740	3,862	3,737	2,250	7,069	28,316	19,690	28,083	10,804	7,214
Kansas.....	141,193	1,053	7,366	7,230	5,044	13,254	29,305	19,246	35,198	16,663	6,831
<b>South Atlantic</b> .....	<b>1,043,475</b>	<b>17,576</b>	<b>101,248</b>	<b>238,183</b>	<b>179,920</b>	<b>244,437</b>	<b>165,605</b>	<b>50,836</b>	<b>37,643</b>	<b>12,644</b>	<b>5,351</b>
Delaware.....	9,296	362	919	1,362	1,128	2,181	1,982	737	498	100	37
Maryland.....	41,275	767	5,275	6,779	4,199	8,425	9,154	3,627	2,409	630	101
Dist. of Columbia.....	40	9	11	9	4	1	3	1	2	-	-
Virginia.....	173,051	3,126	23,107	35,258	22,295	37,109	29,149	10,840	8,673	2,726	708
West Virginia.....	97,600	2,132	12,832	17,065	12,733	23,600	17,515	5,903	4,105	1,171	324
North Carolina.....	287,412	3,187	24,153	31,082	56,036	70,520	35,540	9,176	5,813	1,522	377
South Carolina.....	147,745	1,975	14,127	40,177	27,907	30,100	16,068	5,021	3,998	1,624	748
Georgia.....	225,897	3,439	11,662	35,867	45,254	61,952	39,125	12,946	9,832	3,657	1,763
Florida.....	61,159	2,579	8,962	14,564	10,364	10,349	7,063	2,587	2,313	1,105	1,273
<b>East South Central</b> .....	<b>959,629</b>	<b>14,140</b>	<b>87,496</b>	<b>241,644</b>	<b>168,681</b>	<b>220,841</b>	<b>144,392</b>	<b>42,051</b>	<b>28,528</b>	<b>8,658</b>	<b>3,479</b>
Kentucky.....	238,501	4,081	27,815	41,774	31,022	62,064	47,680	14,028	8,036	1,889	343
Tennessee.....	234,431	2,424	24,692	52,790	37,016	58,580	38,790	11,182	7,039	1,660	299
Alabama.....	223,389	6,460	16,554	46,453	52,838	53,791	29,271	8,403	6,579	2,513	1,395
Mississippi.....	263,528	1,175	16,434	101,657	47,905	46,426	28,651	8,456	6,874	2,799	1,454
<b>West South Central</b> .....	<b>877,831</b>	<b>24,529</b>	<b>66,553</b>	<b>152,229</b>	<b>116,689</b>	<b>161,910</b>	<b>165,688</b>	<b>62,178</b>	<b>74,749</b>	<b>31,959</b>	<b>22,247</b>
Arkansas.....	198,769	5,207	16,146	47,237	38,312	41,179	29,958	9,797	7,604	2,472	957
Louisiana.....	199,295	1,878	10,647	47,057	29,751	20,566	10,400	3,256	3,160	1,331	1,043
Oklahoma.....	164,790	5,169	9,071	12,064	13,536	27,401	44,579	15,480	24,752	8,310	3,523
Texas.....	384,977	12,275	29,789	45,871	35,090	71,864	80,751	33,639	39,327	19,646	16,725
<b>Mountain</b> .....	<b>212,527</b>	<b>5,896</b>	<b>20,079</b>	<b>21,997</b>	<b>15,834</b>	<b>25,926</b>	<b>29,397</b>	<b>11,643</b>	<b>21,638</b>	<b>22,163</b>	<b>35,063</b>
Montana.....	37,747	206	1,303	1,411	1,100	2,127	4,204	1,927	5,865	6,852	12,753
Idaho.....	41,498	744	3,523	3,638	4,912	9,045	7,734	2,918	4,186	2,469	2,134
Wyoming.....	13,076	96	456	416	381	1,010	2,009	915	1,729	1,659	4,401
Colorado.....	47,618	831	4,127	4,491	2,430	4,820	7,358	2,829	7,074	6,369	7,369
New Mexico.....	29,695	716	4,171	4,638	2,198	2,520	3,103	1,068	3,165	3,014	5,103
Arizona.....	13,142	1,413	2,396	2,360	1,257	1,492	1,302	379	665	560	1,298
Utah.....	26,322	1,737	3,856	4,375	3,167	4,413	3,200	1,418	1,822	1,075	1,440
Nevada.....	3,429	142	256	383	369	499	487	189	302	264	538
<b>Pacific</b> .....	<b>281,929</b>	<b>14,258</b>	<b>55,511</b>	<b>79,786</b>	<b>33,674</b>	<b>34,537</b>	<b>25,795</b>	<b>10,448</b>	<b>14,299</b>	<b>9,944</b>	<b>12,767</b>
Washington.....	79,887	2,617	16,975	20,761	9,893	9,751	6,762	2,668	3,897	2,996	3,545
Oregon.....	63,125	1,892	10,893	12,802	7,467	9,278	7,953	3,237	3,956	2,394	3,283
California.....	138,917	9,749	27,673	37,223	16,314	15,506	10,990	4,523	6,446	4,552	5,939

Source Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.



## No. 658.—FARMS—NUMBER, BY COLOR AND TENURE OF OPERATOR: 1910 TO 1945

["White" includes Mexicans. "Nonwhite" comprises Negroes, Indians, Chinese, Japanese, and all other non-white races. Leaders indicate no data available]

COLOR AND TENURE OF OPERATOR	1910	1920	1930	1935	1940	1945	Percent distribution, 1945
All farm operators.....	6,351,542	6,448,343	6,266,648	6,812,350	6,996,799	5,859,109	100.0
Owners.....	3,948,722	3,926,090	3,568,394	3,899,091	3,999,177	3,961,963	67.6
Full owners.....	3,354,897	3,366,510	2,911,644	3,210,224	3,084,138	3,301,361	56.3
Part owners.....	593,825	559,580	656,750	688,867	915,039	660,602	11.3
Managers.....	58,104	68,449	55,889	48,104	36,351	38,885	.7
Tenants.....	2,354,676	2,454,804	2,694,365	2,865,155	2,961,271	1,858,421	31.7
Cash.....	712,294	480,009	486,210	.....	514,488	402,175	6.9
Other.....	1,642,382	1,974,795	2,178,155	.....	1,846,833	1,456,246	24.9
White operators.....	5,440,619	5,496,454	5,372,578	5,956,795	6,377,728	5,169,954	100.0
Owners.....	3,707,501	3,691,868	3,365,674	3,687,697	3,498,079	3,755,946	72.6
Full owners.....	3,159,088	3,174,109	2,752,787	3,036,910	2,916,562	3,126,212	60.5
Part owners.....	548,413	517,759	612,887	650,787	581,517	629,734	12.2
Managers.....	56,860	66,223	52,767	46,914	35,634	38,263	.7
Tenants.....	1,676,558	1,740,363	1,954,137	2,222,184	1,844,015	1,375,745	26.6
Cash.....	447,851	373,835	387,834	.....	444,205	326,787	5.3
Other.....	1,228,707	1,366,528	1,566,303	.....	1,399,810	1,048,958	20.3
Nonwhite operators.....	920,883	949,889	916,070	855,555	719,071	689,215	100.0
Owners.....	241,221	233,222	202,720	211,394	201,098	205,917	29.9
Full owners.....	195,809	192,401	158,657	172,314	167,576	175,149	25.4
Part owners.....	45,412	40,821	43,863	38,080	33,522	30,768	4.5
Managers.....	1,544	2,226	3,122	1,190	717	622	.1
Tenants.....	678,118	714,441	710,228	642,971	517,256	482,676	70.0
Cash.....	264,443	166,174	161,876	.....	70,233	75,368	10.9
Other.....	413,675	548,267	548,352	.....	447,023	407,288	59.1

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

## No. 659.—ALL LAND IN FARMS, CROPLAND HARVESTED, AND VALUE OF FARMS, BY COLOR AND TENURE OF OPERATOR: 1940 AND 1945

COLOR AND TENURE OF OPERATOR	ALL LAND IN FARMS (thousands of acres)		CROPLAND HARVESTED (thousands of acres)		VALUE OF FARMS (LAND AND BUILDINGS)			
					Amount (thousands of dollars)		Average per farm (dollars)	
	1940	1945	1939	1944	1940	1945	1940	1945
All farm operators.....	1,060,852	1,141,615	321,242	362,866	33,841,729	46,368,926	5,518	7,917
Owners.....	682,424	783,609	186,395	226,617	21,409,685	31,135,666	5,788	7,859
Full owners.....	382,098	412,358	115,416	128,015	15,297,274	21,106,511	4,960	6,393
Part owners.....	300,325	371,251	70,979	98,602	6,112,411	10,029,155	9,938	15,184
Managers.....	66,530	106,372	4,405	8,326	1,442,657	2,354,563	39,687	60,552
Tenants.....	311,899	251,624	128,442	117,923	10,789,397	12,898,697	4,569	6,941
Cash.....	74,889	61,121	18,810	15,913	2,227,608	2,288,430	4,330	5,690
Other.....	237,010	190,503	109,632	102,011	8,561,788	10,610,267	4,636	7,296
White operators.....	1,015,112	1,100,859	306,637	337,456	32,657,036	45,112,676	6,073	8,726
Owners.....	657,943	767,477	182,365	222,417	21,085,091	30,680,053	6,028	8,166
Full owners.....	360,731	400,021	112,382	124,814	15,041,143	20,745,964	5,167	6,636
Part owners.....	297,212	367,456	69,983	97,603	6,042,949	9,934,089	10,393	15,775
Managers.....	66,263	101,776	6,328	8,227	1,427,863	2,325,753	40,070	60,783
Tenants.....	290,907	231,605	116,944	106,812	10,144,082	12,106,870	5,501	8,800
Cash.....	71,364	56,403	17,196	14,045	2,113,182	2,165,620	4,767	6,627
Other.....	219,543	175,203	99,758	92,767	8,030,900	9,941,250	5,737	9,477
Nonwhite operators.....	45,740	40,757	15,605	15,410	984,703	1,276,249	1,369	1,862
Owners.....	24,481	16,132	4,030	4,200	324,594	455,612	1,614	2,213
Full owners.....	21,368	12,337	3,038	3,201	256,132	360,547	1,526	2,059
Part owners.....	3,113	3,795	994	999	68,462	95,065	2,042	3,090
Managers.....	268	4,506	77	99	14,794	28,810	20,633	46,318
Tenants.....	20,992	20,029	11,496	11,111	645,215	791,827	1,248	1,640
Cash.....	3,525	4,719	1,024	1,867	114,426	122,810	1,629	1,629
Other.....	17,467	15,310	9,674	9,244	530,888	669,017	1,188	1,643

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

## No. 660.—FARMS—NUMBER, BY TENURE OF OPERATOR, BY STATES: 1940 AND 1945

(For total number of farms (all tenures combined), see table 660)

DIVISION AND STATE	NUMBER OF FARMS OPERATED BY—								TENANTS AS PERCENT OF TOTAL NUMBER	
	Full owners		Part owners		Manager		Tenants			
	1940	1945	1940	1945	1940	1945	1940	1945	1940	1945
United States.....	2, 054, 135	2, 301, 361	615, 039	665, 502	36, 361	38, 865	2, 361, 271	1, 658, 421	38.7	31.7
New England.....	116, 459	132, 943	7, 861	9, 876	1, 641	2, 383	10, 099	5, 615	7.4	3.7
Maine.....	34, 887	38, 736	1, 363	1, 900	211	211	2, 519	1, 337	6.5	2.1
New Hampshire.....	14, 648	16, 606	694	1, 274	158	238	1, 064	668	6.4	3.6
Vermont.....	19, 342	23, 300	1, 610	1, 567	266	321	2, 344	1, 302	9.9	4.9
Massachusetts.....	27, 440	33, 269	1, 626	1, 903	560	868	2, 265	907	7.1	2.6
Rhode Island.....	2, 858	2, 745	276	433	71	113	309	812	10.3	6.7
Connecticut.....	17, 778	18, 287	1, 492	2, 293	375	622	1, 518	1, 029	7.2	4.6
Middle Atlantic.....	269, 199	270, 091	24, 440	35, 813	3, 786	4, 511	50, 676	37, 152	14.6	19.7
New York.....	117, 972	116, 070	14, 128	19, 045	1, 594	2, 038	19, 544	12, 237	12.8	8.3
New Jersey.....	19, 448	19, 769	1, 922	3, 221	430	675	4, 035	2, 671	15.6	10.3
Pennsylvania.....	131, 779	134, 172	8, 390	13, 547	1, 762	1, 898	27, 096	22, 144	16.0	12.9
East North Central.....	606, 092	568, 434	114, 813	134, 460	5, 848	6, 346	280, 842	224, 557	27.9	23.5
Ohio.....	180, 124	146, 331	21, 032	24, 835	1, 266	1, 399	61, 422	48, 010	26.3	21.8
Indiana.....	107, 818	108, 199	23, 445	26, 891	1, 076	978	52, 210	39, 802	28.3	22.7
Illinois.....	87, 004	87, 627	32, 826	35, 260	1, 627	1, 680	91, 982	79, 766	43.1	39.1
Michigan.....	133, 545	128, 689	21, 363	27, 096	861	1, 047	31, 800	20, 536	17.0	11.7
Wisconsin.....	126, 601	119, 788	16, 127	20, 372	1, 079	1, 242	42, 928	36, 843	23.0	20.6
West North Central.....	447, 208	468, 942	176, 304	204, 906	4, 682	4, 057	462, 400	354, 066	42.4	34.3
Minnesota.....	103, 866	103, 363	29, 037	34, 354	631	750	63, 917	50, 485	32.3	26.7
Iowa.....	88, 200	94, 578	22, 410	25, 195	1, 218	921	101, 484	88, 245	47.6	43.2
Missouri.....	133, 927	145, 426	29, 836	31, 552	1, 182	810	91, 155	65, 146	35.6	26.6
North Dakota.....	16, 651	22, 160	21, 740	27, 775	194	261	33, 377	19, 324	45.1	27.8
South Dakota.....	15, 053	17, 329	18, 750	24, 898	253	312	38, 398	26, 166	53.0	38.1
Nebraska.....	35, 064	33, 622	21, 497	24, 693	554	432	63, 947	53, 099	52.8	47.5
Kansas.....	62, 441	62, 469	33, 034	36, 531	630	671	70, 222	51, 921	44.9	36.6
South Atlantic.....	519, 108	533, 525	64, 563	57, 915	5, 991	6, 614	429, 799	395, 421	42.2	37.9
Delaware.....	5, 401	6, 627	556	629	109	205	2, 929	1, 935	32.8	20.8
Maryland.....	28, 737	28, 566	1, 721	2, 564	658	832	10, 094	9, 493	26.1	23.0
District of Columbia.....	29	17	1	2	23	20	12	1	16.6	2.6
Virginia.....	113, 510	124, 383	13, 164	12, 219	1, 104	1, 273	47, 107	35, 176	26.9	20.3
West Virginia.....	71, 542	78, 398	4, 783	4, 398	378	417	22, 579	14, 387	22.7	14.7
North Carolina.....	132, 451	144, 450	21, 784	19, 835	565	550	123, 476	122, 577	44.4	42.6
South Carolina.....	50, 643	59, 757	9, 224	7, 466	507	473	77, 184	80, 029	56.1	54.2
Georgia.....	76, 103	96, 134	9, 078	7, 217	1, 002	1, 008	129, 850	121, 538	60.1	53.8
Florida.....	40, 692	45, 473	4, 343	3, 565	1, 645	1, 836	15, 668	10, 285	25.2	16.8
East South Central.....	447, 286	496, 413	61, 134	52, 990	2, 327	2, 182	512, 602	497, 144	50.1	42.4
Kentucky.....	149, 695	159, 889	18, 009	14, 332	466	435	83, 824	63, 845	33.1	26.6
Tennessee.....	128, 591	139, 072	18, 852	17, 615	439	380	99, 735	77, 354	40.3	33.0
Alabama.....	80, 303	100, 072	14, 804	13, 218	415	389	136, 224	109, 690	58.8	49.1
Mississippi.....	88, 697	99, 880	8, 509	6, 025	1, 007	968	192, 819	156, 265	66.2	59.3
West South Central.....	381, 236	427, 116	90, 920	83, 802	5, 262	4, 397	506, 892	362, 714	52.6	41.3
Arkansas.....	85, 842	99, 694	14, 794	9, 904	596	561	115, 442	88, 610	53.3	44.6
Louisiana.....	52, 936	58, 761	7, 376	6, 433	528	560	89, 167	63, 541	69.4	49.1
Oklahoma.....	55, 859	70, 669	25, 227	27, 662	780	696	97, 821	65, 771	54.4	39.9
Texas.....	166, 659	197, 994	43, 823	39, 613	3, 368	2, 578	204, 462	144, 792	48.9	37.6
Mountain.....	128, 268	119, 910	45, 504	51, 262	2, 311	2, 536	67, 414	28, 819	24.6	18.3
Montana.....	17, 028	16, 622	12, 656	14, 530	297	317	11, 642	6, 279	27.8	16.6
Idaho.....	26, 050	26, 109	6, 175	6, 735	288	240	11, 153	8, 364	26.5	20.2
Wyoming.....	6, 814	5, 772	4, 311	4, 406	255	201	3, 638	2, 597	24.2	19.9
Colorado.....	22, 385	22, 966	9, 442	10, 809	471	528	19, 138	13, 295	37.2	27.9
New Mexico.....	22, 164	18, 232	5, 906	7, 088	264	299	5, 811	4, 076	17.0	13.7
Arizona.....	13, 899	9, 064	1, 946	1, 667	493	525	2, 140	1, 686	11.6	12.8
Utah.....	17, 310	18, 483	4, 596	5, 440	129	193	3, 576	2, 206	12.3	6.4
Nevada.....	2, 628	2, 642	312	327	117	133	516	317	14.4	9.3
Pacific.....	190, 222	212, 075	30, 310	31, 082	4, 563	5, 859	51, 138	32, 913	18.5	11.7
Washington.....	58, 063	61, 280	8, 478	9, 042	863	696	14, 462	8, 909	17.7	11.2
Oregon.....	42, 296	47, 847	7, 641	7, 934	415	621	11, 777	6, 823	18.2	10.6
California.....	89, 863	102, 948	13, 991	14, 106	3, 425	4, 742	25, 399	17, 121	19.1	12.3

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

## No. 661.—FARM ACREAGE, BY TENURE OF OPERATOR, BY STATES: 1940 AND 1945

[In thousands of acres. For total farm acreage (all tenures combined), see table 650]

DIVISION AND STATE	ALL LAND IN FARMS OPERATED BY—									
	Full owners		Part owners				Managers		Tenants	
			Total		Rented					
	1940	1945	1940	1945	1940	1945	1940	1945	1940	1945
United States .....	382,098	412,358	300,325	371,251	155,686	178,992	66,539	106,372	311,899	251,634
The North .....	162,407	170,048	113,029	143,664	56,160	66,641	7,568	9,582	162,064	124,431
The South .....	153,366	178,119	65,516	71,402	31,760	34,350	28,274	29,067	123,013	99,316
The West .....	66,325	64,191	121,781	156,185	67,777	78,101	30,698	67,723	36,801	27,987
New England:										
Maine .....	3,871	4,066	244	370	75	101	76	71	233	106
New Hampshire .....	1,494	1,616	132	238	42	72	72	97	121	67
Vermont .....	2,807	3,260	375	368	130	123	97	101	388	202
Massachusetts .....	1,480	1,650	167	216	61	76	164	167	118	45
Rhode Island .....	156	169	28	44	11	20	13	30	24	22
Connecticut .....	1,109	1,058	203	340	77	128	92	126	109	69
Middle Atlantic:										
New York .....	12,008	11,872	2,322	3,446	859	1,213	450	657	2,391	1,592
New Jersey .....	1,213	1,051	205	364	75	136	113	171	342	231
Pennsylvania .....	10,419	10,434	1,087	1,941	401	694	429	493	2,659	2,152
East North Central:										
Ohio .....	11,670	11,340	3,000	4,069	1,380	1,843	332	440	6,845	6,079
Indiana .....	8,049	8,898	3,833	4,962	1,858	2,373	318	331	6,700	6,846
Illinois .....	9,136	8,929	6,565	7,856	3,272	3,953	487	524	14,576	14,293
Michigan .....	11,170	10,868	3,144	4,530	1,299	1,855	318	418	3,406	2,576
Wisconsin .....	14,079	14,218	2,081	3,695	1,056	1,369	326	414	5,790	5,289
West North Central:										
Minnesota .....	13,496	14,388	7,311	8,857	3,290	3,604	229	299	11,572	9,596
Iowa .....	11,607	12,335	5,133	5,831	2,416	2,587	363	314	17,045	16,774
Missouri .....	16,083	18,192	6,145	7,460	2,793	3,317	499	603	12,022	9,264
North Dakota .....	6,530	8,887	18,569	22,471	8,099	10,347	241	444	14,596	9,209
South Dakota .....	4,012	5,091	19,542	26,579	12,202	14,299	642	1,363	15,278	9,998
Nebraska .....	10,282	10,644	17,098	18,832	7,105	7,359	1,585	1,869	18,380	16,408
Kansas .....	11,035	10,972	17,187	21,194	9,086	10,963	761	790	19,190	15,633
South Atlantic:										
Delaware .....	438	511	78	94	26	39	25	55	355	204
Maryland .....	2,412	2,368	229	376	91	147	207	278	1,349	1,177
Dist. of Columbia .....	(1)	(1)	(1)	(1)	(1)	(1)	2	2	(1)	(1)
Virginia .....	10,411	11,065	1,515	1,643	569	602	664	769	3,555	2,890
West Virginia .....	6,371	6,775	610	677	233	261	157	176	1,770	1,092
North Carolina .....	9,804	10,482	1,740	1,846	680	608	316	295	6,986	6,195
South Carolina .....	5,170	6,042	1,111	919	450	357	657	501	4,301	3,569
Georgia .....	9,942	12,380	1,624	1,396	668	510	1,027	1,137	11,090	8,793
Florida .....	3,668	6,402	1,679	3,569	1,202	1,878	1,636	2,261	1,343	833
East South Central:										
Kentucky .....	12,793	13,457	1,750	1,578	645	506	203	221	5,549	4,469
Tennessee .....	10,478	10,886	1,900	1,896	714	686	232	217	5,887	4,790
Alabama .....	8,506	10,044	2,112	2,094	896	869	376	501	8,149	6,429
Mississippi .....	9,915	11,534	1,316	1,320	543	602	922	1,148	7,003	6,714
West South Central:										
Arkansas .....	8,662	10,238	2,186	1,777	920	760	474	614	6,722	4,826
Louisiana .....	4,498	5,258	1,116	1,128	572	569	749	850	3,633	2,804
Oklahoma .....	7,841	9,641	11,057	13,435	5,546	6,627	1,136	1,475	14,799	11,410
Texas .....	42,442	50,865	36,500	37,954	17,996	19,440	19,490	18,538	40,252	33,980
Mountain:										
Montana .....	7,527	9,109	28,033	39,642	15,583	18,335	3,032	5,291	7,860	4,745
Idaho .....	4,128	4,812	3,974	5,519	1,800	2,470	412	668	1,784	1,504
Wyoming .....	3,794	3,290	16,281	19,519	7,486	8,052	5,417	7,806	2,544	2,501
Colorado .....	8,619	7,616	15,475	19,976	8,345	8,761	2,112	3,598	7,321	5,027
New Mexico .....	9,772	8,703	19,158	24,750	11,755	14,031	5,746	13,133	4,188	3,023
Arizona .....	9,748	1,534	8,656	11,581	6,807	9,157	6,093	23,568	1,154	1,173
Utah .....	3,266	3,694	2,798	4,344	1,301	1,904	704	1,850	544	421
Nevada .....	1,417	1,533	607	1,289	319	635	1,529	3,123	232	233
Pacific:										
Washington .....	4,687	5,003	6,719	7,992	3,481	3,825	733	818	3,042	2,908
Oregon .....	6,370	7,708	8,493	8,700	4,089	3,601	686	1,569	2,439	1,778
California .....	9,009	11,189	11,599	12,883	6,721	7,241	4,224	6,309	5,694	4,674

<sup>1</sup> 500 acres or less.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

## No. 662.—CROPLAND HARVESTED, BY TENURE OF OPERATOR, BY STATES: 1939 AND 1944

[In thousands of acres. For totals (all tenures combined), see table 651]

DIVISION AND STATE	CROPLAND HARVESTED ON FARMS OPERATED BY—								RATIO OF CROPLAND HARVESTED 1944 TO ALL LAND IN FARMS 1944 (PERCENT)			
	Full owners		Part owners		Managers		Tenants		Full owners	Part owners	Managers	Tenants
	1939	1944	1939	1944	1939	1944	1939	1944				
<b>United States...</b>	115,418	129,015	70,976	96,602	6,405	8,328	128,442	117,923	31.0	26.6	7.8	44.9
<b>The North...</b>	66,194	73,362	43,889	65,158	2,293	2,965	74,180	70,834	43.1	45.4	31.9	58.9
<b>The South...</b>	38,850	41,911	15,357	17,474	2,685	2,960	46,398	39,974	23.5	24.5	16.3	40.3
<b>The West...</b>	10,375	12,743	11,731	15,969	1,427	2,378	7,884	7,115	19.9	10.2	3.5	26.4
<b>New England:</b>												
Maine	988	1,132	77	128	16	30	65	29	27.8	33.9	41.5	27.0
New Hampshire	307	341	31	63	10	17	24	15	21.1	28.5	17.3	22.8
Vermont	779	952	101	109	25	31	117	69	20.2	20.6	30.3	23.9
Massachusetts	847	441	56	81	28	46	85	12	26.7	37.6	27.4	27.0
Rhode Island	31	32	10	19	3	5	6	6	18.7	42.9	19.3	26.7
Connecticut	253	267	66	120	21	38	33	18	24.3	35.3	30.8	26.0
<b>Middle Atlantic:</b>												
New York	4,450	4,449	1,022	1,004	146	219	965	659	37.5	46.3	32.4	41.4
New Jersey	457	490	121	228	45	75	156	122	46.6	62.6	44.0	52.7
Pennsylvania	4,167	4,298	510	969	196	247	1,224	1,070	41.2	50.9	50.1	49.7
<b>E. N. Central:</b>												
Ohio	4,600	4,712	1,653	2,424	149	219	3,370	3,482	41.6	59.6	49.8	57.3
Indiana	3,788	4,007	2,140	3,073	159	174	3,624	3,599	45.7	62.0	52.1	61.6
Illinois	4,658	4,840	3,947	5,111	254	329	9,411	10,021	54.2	65.1	62.7	70.1
Michigan	4,670	4,689	1,520	2,338	117	167	1,566	1,327	43.1	51.6	40.0	51.5
Wisconsin	6,909	6,143	1,133	1,630	128	178	2,586	2,569	42.2	44.3	42.9	48.9
<b>W. N. Central:</b>												
Minnesota	7,237	7,509	4,265	4,967	114	151	7,191	5,842	52.8	56.1	50.3	60.9
Iowa	6,447	7,323	3,015	3,668	187	170	10,427	10,402	58.4	62.9	54.0	65.9
Missouri	4,645	5,509	2,509	3,148	157	157	4,889	4,091	30.4	42.2	33.8	44.2
North Dakota	2,978	4,814	6,307	10,717	85	131	6,166	5,155	54.2	47.7	29.4	56.0
South Dakota	1,613	2,503	4,424	6,411	88	154	6,172	5,456	49.2	31.6	11.3	54.6
Nebraska	3,752	4,112	4,937	6,586	231	256	8,385	8,642	38.6	35.0	13.7	52.7
Kansas	3,649	4,659	6,047	9,752	182	177	7,783	8,229	42.5	40.0	22.3	62.6
<b>South Atlantic:</b>												
Delaware	175	222	57	52	13	■	164	119	43.4	55.7	43.4	44.9
Maryland	892	927	104	189	32	113	531	516	30.1	50.3	40.5	43.6
Dist. of Columbia	(1)	(1)	(1)	(1)	1	1	(1)	(1)	31.4	44.3	47.5	100.0
Virginia	2,280	2,448	450	523	182	202	949	761	22.1	31.7	26.3	26.4
West Virginia	1,133	1,144	124	130	40	46	268	169	16.9	19.2	26.1	15.6
North Carolina	2,685	2,753	640	612	77	79	2,723	2,682	26.3	37.2	26.9	43.3
South Carolina	1,725	1,805	455	345	101	90	2,041	1,909	20.9	37.5	18.0	53.6
Georgia	3,128	3,051	619	445	252	260	4,779	4,048	24.7	31.9	24.6	46.0
Florida	967	1,049	210	210	189	231	414	320	16.4	5.9	10.1	38.4
<b>E. S. Central:</b>												
Kentucky	3,085	3,305	587	509	55	63	1,565	1,385	24.6	30.1	28.6	31.0
Tennessee	3,030	2,979	704	744	64	63	2,363	2,058	27.4	39.3	29.2	42.0
Alabama	2,513	2,415	674	608	97	101	3,827	3,039	24.0	26.0	20.2	47.3
Mississippi	2,515	2,642	374	322	365	404	3,697	3,105	22.9	26.4	35.2	34.3
<b>W. S. Central:</b>												
Arkansas	2,508	2,717	808	682	201	238	3,095	2,407	26.5	35.6	38.8	49.9
Louisiana	1,398	1,305	407	408	213	225	2,036	1,484	24.8	38.0	34.8	62.9
Oklahoma	2,954	3,639	3,713	5,134	139	172	5,961	5,144	37.0	38.2	11.7	45.1
Texas	7,956	9,510	5,478	6,555	613	576	11,997	10,627	18.7	17.3	3.1	31.9
<b>Mountain:</b>												
Montana	1,347	1,885	2,920	4,396	144	227	1,338	931	20.7	11.1	4.3	19.6
Idaho	1,246	1,475	891	1,211	54	63	744	692	30.7	22.0	9.5	48.0
Wyoming	476	523	616	877	119	149	324	294	15.9	4.5	1.9	11.8
Colorado	1,217	1,558	1,618	2,606	131	161	1,803	1,707	20.5	13.1	4.5	34.0
New Mexico	680	653	539	708	35	88	411	448	7.5	3.1	.7	14.6
Arizona	186	198	178	171	69	177	94	108	12.9	1.5	.8	9.1
Utah	554	674	271	420	18	47	128	98	18.2	9.9	2.5	23.2
Nevada	348	233	57	84	97	142	34	28	15.2	6.3	4.6	11.8
<b>Pacific:</b>												
Washington	1,128	1,264	1,457	1,632	80	109	899	1,066	25.7	22.9	12.3	36.6
Oregon	1,159	1,384	1,005	1,236	108	164	551	492	18.0	14.2	10.5	27.7
California	2,226	2,676	2,178	2,357	567	1,050	1,668	1,252	26.7	18.3	16.7	26.8

1 500 acres or less.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

**No. 663.—VALUE OF FARMS (LAND AND BUILDINGS), BY TENURE OF OPERATOR,  
BY STATES: 1940 AND 1945**

[For total value of farms and average value per farm for all tenures combined, see table 650]

DIVISION AND STATE	VALUE OF FARMS (LAND AND BUILDINGS) IN MILLIONS OF DOLLARS								AVERAGE VALUE PER FARM (DOLLARS), 1945			
	Full owners		Part owners		Managers		Tenants		Full owners	Part owners	Managers	Tenants
	1940	1945	1940	1945	1940	1945	1940	1945				
<b>United States</b>	18,297.3	21,106.5	6,112.4	10,029.2	1,442.7	2,354.6	10,739.4	12,896.7	6,392	15,184	60,552	6,941
<b>The North</b>	8,412.0	10,804.4	3,424.9	5,885.9	493.7	722.3	6,575.5	8,188.8	7,262	15,306	41,760	13,178
<b>The South</b>	4,582.5	6,802.1	1,350.8	1,932.6	552.4	798.6	3,230.4	3,615.6	4,508	9,982	60,590	3,103
<b>The West</b>	2,362.7	3,700.0	1,336.7	2,210.7	396.6	833.7	966.4	1,094.3	11,145	26,847	99,304	15,256
<b>New England:</b>												
Maine	107.2	138.6	6.9	13.2	3.6	4.3	6.4	8.7	3,577	6,923	20,324	2,752
N. Hamp.	61.0	83.3	4.0	8.4	3.5	5.9	3.7	2.8	3,810	6,574	24,030	4,217
Vermont	85.3	109.9	10.3	12.9	4.6	5.4	10.8	6.4	4,718	8,201	16,728	4,932
Mass.	159.1	199.6	15.2	22.7	25.2	37.7	11.6	5.2	5,999	11,928	43,484	6,395
Rhode Island	16.9	20.9	3.4	6.8	3.7	5.6	2.3	2.3	7,609	15,714	49,491	7,458
Connecticut	138.2	165.0	22.6	35.9	29.6	50.4	14.3	8.9	9,127	16,088	79,669	8,628
<b>Middle Atlantic:</b>												
New York	649.9	687.5	125.7	212.9	55.5	100.2	118.0	96.9	5,924	11,179	49,161	7,043
New Jersey	152.0	176.1	23.2	52.5	19.9	37.8	82.7	26.5	8,913	10,302	65,783	9,934
Pennsylvania	595.3	689.4	58.7	124.7	64.3	73.6	146.0	140.8	4,989	9,208	36,764	6,359
<b>E. N. Central:</b>												
Ohio	778.0	932.1	196.7	350.7	37.0	69.5	434.1	520.1	6,370	14,120	42,560	10,968
Indiana	565.8	776.0	236.6	430.6	28.3	36.4	423.9	651.4	7,172	16,013	37,183	13,818
Illinois	734.5	909.6	487.1	814.4	57.4	82.3	1,258.2	1,796.3	11,077	23,092	48,999	22,519
Michigan	579.8	710.0	142.5	281.1	25.5	40.1	164.7	168.1	5,609	10,376	38,258	8,185
Wisconsin	757.2	847.5	123.9	208.0	23.5	34.8	283.9	344.0	7,076	10,212	27,091	9,465
<b>W. N. Central:</b>												
Minnesota	655.7	820.8	270.6	416.1	13.8	21.0	602.9	675.8	7,941	12,112	28,033	11,406
Iowa	981.3	1,331.5	384.6	584.4	31.4	33.4	1,233.4	1,681.8	14,079	23,196	36,274	18,531
Missouri	506.4	738.5	189.7	319.5	27.0	28.2	384.2	440.8	8,078	10,125	34,838	6,790
N. Dakota	119.9	189.2	191.9	345.6	3.8	7.3	174.6	166.3	8,538	12,442	27,832	8,805
S. Dakota	93.9	155.7	171.4	331.6	5.6	11.8	235.1	263.2	8,966	13,318	37,802	10,137
Nebraska	308.5	408.3	297.8	621.9	15.0	22.6	521.5	746.5	12,144	21,211	52,226	14,058
Kansas	263.5	492.9	461.7	791.2	18.0	24.1	558.1	663.1	9,394	21,659	42,278	12,845
<b>South Atlantic:</b>												
Delaware	32.5	40.7	3.4	6.0	2.6	11.8	16.5	14.2	6,237	9,508	67,420	7,356
Maryland	173.0	209.2	13.2	33.2	19.1	35.2	68.6	77.2	7,370	12,942	42,342	8,131
Dist. of Col.	6	3	(1)	(1)	5.1	4.6	0.2	(1)	(1)	(1)	(1)	(1)
Virginia	450.8	602.7	62.7	87.7	39.5	57.9	122.0	120.5	4,845	7,181	45,496	3,425
W. Virginia	199.7	264.6	17.8	25.5	8.0	11.4	44.3	39.4	3,375	5,807	27,333	2,742
N. Carolina	376.8	538.3	64.8	87.4	13.7	16.6	281.3	369.7	3,727	4,405	30,179	2,943
S. Carolina	163.4	240.0	32.9	33.5	14.2	16.0	127.9	150.6	4,026	4,471	33,732	1,882
Georgia	214.3	353.3	32.5	39.2	23.8	29.7	210.0	232.0	3,675	5,438	29,492	1,909
Florida	191.5	314.0	27.7	44.0	75.1	115.5	30.0	23.9	6,925	12,341	—	2,324
<b>E. S. Central:</b>												
Kentucky	487.2	666.6	62.0	76.3	20.8	31.5	206.5	242.4	4,169	5,258	72,339	3,797
Tennessee	385.0	536.8	65.1	92.5	13.3	16.9	201.0	224.8	3,860	5,253	43,313	2,906
Alabama	180.9	290.5	44.6	62.8	9.5	15.0	173.8	191.4	2,903	4,749	38,610	1,745
Mississippi	211.0	331.2	30.8	38.1	34.7	59.5	106.3	216.8	3,333	5,500	61,422	1,400
<b>W. S. Central:</b>												
Arkansas	195.2	339.4	51.9	63.6	19.2	32.9	190.6	226.8	3,405	6,434	58,676	2,560
Louisiana	150.5	231.0	40.6	58.4	27.5	43.6	135.3	138.6	3,942	9,079	77,938	2,182
Oklahoma	236.5	346.1	237.6	375.4	21.1	28.0	336.0	356.6	4,897	13,575	40,182	5,422
Texas	933.5	1,495.2	563.2	809.9	205.3	272.3	888.0	997.6	7,552	20,444	105,635	6,890
<b>Mountain:</b>												
Montana	98.3	139.1	162.2	265.8	18.2	30.9	71.5	62.1	8,368	19,679	97,533	9,887
Idaho	162.9	233.9	65.2	144.0	6.8	11.2	84.3	104.1	8,980	21,227	46,838	12,451
Wyoming	45.3	54.0	70.7	118.1	17.6	31.8	25.5	28.1	9,334	26,814	105,796	10,809
Colorado	135.9	189.1	105.6	204.4	17.5	26.0	129.4	145.0	8,227	18,911	49,224	10,905
New Mexico	70.5	100.9	72.2	141.7	14.9	49.3	29.9	34.8	5,536	19,992	164,885	8,541
Arizona	59.3	101.1	48.7	73.6	26.6	95.4	19.2	26.8	11,151	39,425	164,623	15,878
Utah	92.8	148.4	40.1	80.0	4.3	14.0	17.2	19.4	8,029	14,702	72,569	8,812
Nevada	27.5	36.4	6.1	11.4	9.6	19.0	4.5	5.1	13,777	33,897	142,922	16,167
<b>Pacific:</b>												
Washington	296.2	455.3	158.9	257.7	18.1	31.4	120.3	155.8	7,430	28,496	62,720	17,379
Oregon	251.0	393.9	130.8	195.5	15.1	28.0	80.0	80.1	8,233	24,675	53,740	11,737
California	1,063.0	1,847.9	456.3	698.1	248.3	505.5	398.5	433.0	17,650	49,493	106,602	25,291

1 500 acres or less.

2 Not shown separately.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 664.—FARMS—NUMBER, ACREAGE, AND VALUE, BY COLOR OF OPERATOR, FOR NORTH AND WEST, AND BY COLOR AND TENURE OF OPERATOR, FOR SOUTH, BY STATES: 1940 AND 1945

[Acreage in thousands; value in thousands of dollars. For definition of white and nonwhite, see headnote, table 658, p. 605]

DIVISION AND STATE	NUMBER OF FARMS				ALL LAND IN FARMS				VALUE OF FARMS (LAND AND BUILDINGS)	
	White		Nonwhite		White		Nonwhite		White, 1945	Non- white, 1945
	1940	1945	1940	1945	1940	1945	1940	1945		
United States.....	5, 377, 728	5, 169, 954	719, 071	689, 215	1, 015, 112	1, 100, 859	45, 740	40, 757	45, 112, 676	1, 276, 249
The North.....	2, 567, 257	2, 470, 049	12, 702	13, 529	433, 641	445, 671	1, 447	2, 045	25, 352, 173	49, 241
New England:										
Maine.....	38, 962	42, 145	18	39	4, 223	4, 611	1	2	159, 627	54
New Hampshire.....	16, 552	18, 782	2	4	1, 809	2, 017	(1)	(1)	80, 388	7
Vermont.....	23, 570	26, 476	12	14	3, 666	3, 928	1	3	134, 512	64
Massachusetts.....	31, 416	36, 653	481	354	1, 932	2, 073	6	6	264, 162	1, 071
Rhode Island.....	3, 009	3, 589	5	14	222	265	(1)	(1)	35, 532	78
Connecticut.....	21, 118	22, 177	45	64	1, 510	1, 591	2	2	262, 580	443
Middle Atlantic:										
New York.....	152, 671	148, 828	567	662	17, 129	17, 524	42	45	1, 084, 967	2, 555
New Jersey.....	25, 387	25, 529	448	697	1, 860	1, 799	15	19	290, 470	2, 511
Pennsylvania.....	168, 705	171, 412	322	349	14, 578	15, 001	16	20	1, 006, 696	1, 878
East North Central:										
Ohio.....	232, 684	219, 459	1, 099	1, 116	21, 838	21, 851	69	77	1, 863, 598	4, 753
Indiana.....	184, 169	175, 594	380	376	19, 783	20, 003	17	24	1, 792, 403	1, 912
Illinois.....	212, 654	203, 325	785	914	30, 988	31, 549	44	53	3, 659, 287	3, 258
Michigan.....	186, 828	174, 247	761	1, 021	17, 998	18, 334	40	58	1, 195, 558	3, 732
Wisconsin.....	186, 431	177, 466	304	279	22, 863	23, 594	13	21	1, 433, 453	842
West North Central:										
Minnesota.....	197, 057	188, 745	294	207	32, 585	33, 119	22	21	1, 833, 248	514
Iowa.....	213, 191	208, 790	127	144	34, 141	34, 444	8	10	3, 610, 525	615
Missouri.....	252, 410	238, 937	3, 690	3, 997	34, 565	35, 101	175	178	1, 515, 535	11, 426
North Dakota.....	73, 369	68, 789	593	731	37, 812	40, 783	124	218	706, 254	2, 068
South Dakota.....	70, 713	67, 156	1, 741	1, 549	38, 762	41, 884	712	1, 148	758, 587	5, 712
Nebraska.....	120, 779	111, 547	283	209	47, 314	47, 724	30	29	1, 697, 388	1, 821
Kansas.....	155, 582	140, 403	745	789	48, 064	48, 478	110	112	1, 967, 404	3, 927
The South.....	2, 326, 904	2, 215, 722	680, 266	665, 413	339, 244	347, 025	30, 925	30, 770	12, 017, 072	1, 131, 762
Owners.....	1, 371, 034	1, 513, 431	173, 263	189, 232	208, 415	238, 140	10, 466	11, 381	8, 359, 959	374, 733
Full owners.....	1, 185, 788	1, 348, 076	141, 402	160, 980	145, 041	168, 749	8, 325	9, 370	6, 496, 940	306, 196
Part owners.....	185, 246	165, 355	31, 361	28, 252	63, 374	69, 391	2, 141	2, 011	1, 863, 020	69, 537
Managers.....	13, 215	12, 751	365	442	28, 099	28, 815	175	242	786, 362	12, 214
All tenants.....	942, 655	689, 540	506, 638	475, 739	102, 729	80, 069	20, 284	19, 147	2, 870, 751	744, 815
Croppers.....	242, 173	176, 260	299, 118	270, 296	14, 271	10, 680	9, 043	8, 242	489, 106	395, 736
South Atlantic:										
Delaware.....	8, 369	8, 605	625	691	859	888	37	36	70, 568	2, 126
Owner.....	5, 611	6, 692	345	464	503	586	13	18	45, 417	1, 275
Full owners.....	5, 100	6, 113	301	414	428	496	11	15	39, 621	1, 091
Part owners.....	511	579	44	50	75	90	3	4	5, 796	184
Managers.....	101	195	8	10	24	54	(1)	1	11, 616	156
All tenants.....	2, 657	1, 718	272	217	332	248	23	16	13, 536	695
Croppers.....	176	75	49	29	19	10	4	3	602	140
Maryland.....	38, 059	37, 057	4, 051	4, 218	3, 962	3, 947	236	253	338, 563	16, 244
Owners.....	28, 187	28, 521	2, 271	2, 429	2, 559	2, 656	83	88	235, 586	6, 800
Full owners.....	26, 678	26, 221	2, 059	2, 165	2, 340	2, 294	72	74	203, 383	5, 819
Part owners.....	1, 509	2, 300	212	264	219	362	10	14	32, 203	981
Managers.....	636	791	22	41	202	269	5	8	34, 261	968
All tenants.....	9, 236	7, 745	1, 758	1, 748	1, 201	1, 021	148	156	68, 716	8, 475
Croppers.....	1, 082	869	562	598	139	109	32	45	7, 873	2, 628
Dist. of Columbia...	61	37	4	3	2	2	(1)	(1)	4, 913	48
Owners.....	29	18	1	1	(1)	(1)	(1)	(1)	334	4
Full owners.....	28	16	1	1	(1)	(1)	(1)	(1)	311	4
Part owners.....	1	2			(1)	(1)			23	
Managers.....	22	18	1	2	2	2	(1)	(1)	4, 569	44
All tenants.....	10	1	2		(1)	(1)	(1)		10	
Croppers.....										

1 500 acres or less.



**No. 664.—FARMS—NUMBER, ACREAGE, AND VALUE, BY COLOR OF OPERATOR, FOR NORTH AND WEST, AND BY COLOR AND TENURE OF OPERATOR, FOR SOUTH, BY STATES: 1940 AND 1945—Continued**

[Average in thousands; value in thousands of dollars]

DIVISION AND STATE	NUMBER OF FARMS				ALL LAND IN FARMS				VALUE OF FARMS (LAND AND BUILDINGS)	
	White		Nonwhite		White		Nonwhite		White, 1945	Non- white, 1945
	1940	1945	1940	1945	1940	1945	1940	1945		
<b>South Atlantic—Con.</b>										
Virginia	139,795	128,096	35,000	34,955	14,662	14,507	1,783	1,651	799,434	69,372
Owners	104,424	113,493	22,250	23,109	10,910	11,597	1,016	1,112	647,006	43,420
Full owners	94,580	104,523	18,930	19,850	9,573	10,152	838	913	567,079	35,607
Part owners	9,844	8,970	3,320	3,249	1,337	1,445	178	199	79,927	7,813
Managers	1,068	1,228	36	45	653	750	12	20	56,502	1,417
All tenants	34,303	23,375	12,804	11,801	3,099	2,160	755	720	95,926	24,536
Croppers	10,341	6,397	5,897	5,622	721	532	292	248	22,245	10,919
West Virginia	98,611	96,900	671	700	8,885	8,689	24	30	339,228	1,781
Owners	78,898	82,240	427	556	6,965	7,430	17	21	289,063	1,098
Full owners	71,146	77,875	396	523	6,356	6,765	15	20	263,609	1,015
Part owners	4,752	4,365	31	33	609	675	2	2	25,454	83
Managers	373	403	5	14	157	173	1	3	11,008	390
All tenants	22,340	14,257	239	130	1,764	1,086	6	6	39,157	293
Croppers	1,114	636	9	6	149	85	1	(1)	2,902	32
North Carolina	218,008	213,139	60,268	74,273	15,967	16,308	2,658	3,310	813,808	189,175
Owners	135,990	144,444	18,245	10,841	10,661	11,163	882	965	577,552	48,147
Full owners	118,614	128,693	13,937	16,757	9,130	9,725	673	757	501,025	87,295
Part owners	17,476	15,751	4,308	4,084	1,531	1,439	209	208	76,527	10,852
Managers	536	532	29	18	303	286	12	8	16,219	390
All tenants	81,482	68,163	41,994	54,414	5,022	3,868	1,964	2,337	220,037	140,649
Croppers	33,497	28,577	26,803	34,110	1,638	1,299	1,061	1,237	83,907	92,648
South Carolina	76,251	78,609	61,307	66,136	8,457	8,203	2,782	2,619	330,674	106,958
Owners	42,783	49,280	17,084	17,963	4,482	6,063	799	877	243,460	30,591
Full owners	37,498	45,336	13,145	14,421	4,546	5,315	824	727	215,643	24,945
Part owners	5,285	3,944	3,939	3,542	936	768	175	150	27,836	5,647
Managers	478	455	29	18	641	489	15	12	15,424	531
All tenants	32,990	28,874	44,194	51,155	2,334	1,631	1,967	1,929	71,781	78,835
Croppers	11,413	10,722	22,061	27,394	669	468	822	835	21,867	39,413
Georgia	156,901	155,486	59,132	70,411	19,252	19,017	4,431	4,658	544,308	109,936
Owners	75,163	90,969	10,018	12,352	10,721	12,721	645	1,024	368,579	23,972
Full owners	67,499	84,931	8,604	11,203	9,232	11,447	710	903	332,218	21,087
Part owners	7,664	6,038	1,414	1,149	1,489	1,275	135	121	36,361	2,884
Managers	966	964	36	44	1,010	1,117	17	20	29,106	619
All tenants	80,772	63,523	49,078	58,015	7,520	5,179	3,570	3,614	146,621	85,345
Croppers	31,631	26,179	29,303	34,499	2,463	1,707	1,768	1,747	52,918	48,613
Florida	52,480	50,724	9,758	10,435	7,883	12,573	454	611	481,971	16,429
Owners	39,420	42,571	5,515	6,467	5,103	9,647	255	323	348,800	10,000
Full owners	36,184	39,945	4,509	5,528	3,485	6,140	203	201	306,585	8,327
Part owners	3,236	2,626	1,007	939	1,618	3,507	53	61	42,275	1,728
Managers	1,805	1,790	40	46	1,613	2,263	23	17	113,971	1,622
All tenants	11,465	6,363	4,203	3,922	1,167	662	176	171	19,140	4,758
Croppers	2,345	963	1,062	1,217	181	62	51	40	2,369	1,200
<b>East South Central:</b>										
Kentucky	247,347	232,542	5,547	5,959	20,053	19,499	241	226	1,002,248	13,548
Owners	165,440	171,141	3,164	3,080	14,400	14,893	143	142	734,624	7,256
Full owners	146,993	157,247	2,702	2,642	12,673	13,338	120	120	660,552	6,011
Part owners	18,447	13,894	462	438	1,727	1,556	23	22	74,072	1,245
Managers	460	432	6	3	301	219	1	1	31,430	39
All tenants	81,447	60,969	2,377	2,876	5,452	4,386	97	83	236,194	6,256
Croppers	22,026	16,184	1,507	1,864	1,107	811	46	39	49,502	3,158
Tennessee	219,642	206,902	27,975	27,529	17,423	16,666	1,070	1,121	818,606	62,258
Owners	140,557	149,307	6,886	7,380	12,011	12,395	363	387	812,799	16,504
Full owners	123,198	133,139	5,393	5,933	10,202	10,667	271	299	524,363	12,402
Part owners	17,359	16,168	1,493	1,447	1,808	1,806	92	88	88,436	4,103
Managers	429	378	10	12	229	210	8	7	16,535	367
All tenants	78,656	57,217	21,079	20,137	5,183	4,063	704	727	189,361	35,392
Croppers	27,620	21,700	13,670	12,154	1,254	1,174	337	332	61,974	18,294

<sup>1</sup> 500 acres or less.

**No. 664.—FARMS—NUMBER, ACREAGE, AND VALUE, BY COLOR OF OPERATOR, FOR NORTH AND WEST, AND BY COLOR AND TENURE OF OPERATOR, FOR SOUTH, BY STATES: 1940 AND 1945—Continued**

(Acreage in thousands; value in thousands of dollars)

DIVISION AND STATE	NUMBER OF FARMS				ALL LAND IN FARMS				VALUE OF FARMS (LAND AND BUILDINGS)	
	White		Nonwhite		White		Nonwhite		White, 1945	Non- white, 1945
	1940	1945	1940	1945	1940	1945	1940	1945		
<b>E. S. Central—Con.</b>										
Alabama	158,382	156,129	73,364	67,230	15,586	15,600	3,557	3,468	476,811	82,932
Owners	79,415	94,908	15,692	18,382	9,521	10,806	1,097	1,243	323,027	20,664
Full owners	68,527	85,544	11,776	14,428	7,656	9,054	850	990	268,150	22,366
Part owners	10,888	9,264	3,916	3,954	1,865	1,842	247	252	55,468	7,308
Managers	394	354	21	25	303	479	13	23	14,419	600
All tenants	78,573	60,867	57,651	48,823	5,702	4,225	2,447	2,202	138,755	52,668
Croppers	22,036	15,171	19,334	15,947	1,221	889	708	616	29,759	17,953
Mississippi	131,552	121,215	139,540	142,313	13,765	14,393	5,390	5,223	452,989	194,573
Owners	73,839	80,959	23,427	25,346	9,488	10,534	1,743	1,920	319,469	49,865
Full owners	68,072	76,354	20,825	23,026	8,480	9,807	1,515	1,727	286,548	44,697
Part owners	5,767	4,605	2,602	2,320	1,008	1,028	228	193	32,921	5,169
Managers	963	909	44	59	903	1,103	20	46	57,411	2,045
All tenants	56,750	39,347	136,089	116,968	3,375	2,455	3,628	3,258	76,110	142,662
Croppers	23,373	16,036	102,116	82,038	881	554	2,064	1,685	20,631	97,841
<b>West South Central:</b>										
Arkansas	159,649	147,494	57,025	51,275	16,174	15,728	1,871	1,728	577,892	84,878
Owners	90,083	98,129	10,553	11,499	10,184	11,333	864	882	378,144	24,902
Full owners	76,899	89,429	8,943	10,266	8,124	9,682	838	875	318,008	20,819
Part owners	13,184	8,700	1,610	1,204	2,060	1,671	126	106	59,536	4,083
Managers	577	549	19	12	464	605	10	9	32,236	682
All tenants	68,989	48,816	46,463	39,794	5,825	3,789	1,197	1,036	167,512	59,295
Croppers	14,544	11,896	33,122	25,482	667	529	603	477	31,564	32,512
Louisiana	90,423	80,164	59,594	49,131	8,068	6,385	1,928	1,706	396,439	75,880
Owners	49,125	63,368	11,187	11,826	5,044	5,793	870	863	295,724	24,299
Full owners	43,410	48,357	9,528	10,404	4,019	4,744	479	515	211,423	20,205
Part owners	5,715	5,011	1,661	1,422	1,025	1,049	91	79	54,311	4,091
Managers	511	533	17	27	740	825	9	18	42,965	680
All tenants	40,787	26,263	48,380	37,278	2,283	1,707	1,360	1,097	87,740	60,910
Croppers	12,082	6,110	27,549	19,111	399	237	610	414	12,419	21,708
Oklahoma	166,115	153,586	13,572	11,204	33,573	35,040	1,230	1,121	690,343	25,811
Owners	75,003	91,778	6,083	5,343	18,258	22,592	641	685	706,215	16,267
Full owners	50,947	65,513	4,912	5,158	7,433	9,431	408	410	335,407	10,688
Part owners	24,056	26,265	1,171	1,387	10,824	13,160	233	275	369,809	5,579
Managers	766	660	14	18	1,121	1,458	15	17	27,709	338
All tenants	90,846	61,128	7,475	4,643	14,195	10,991	574	419	347,419	9,205
Croppers	3,944	2,088	1,008	358	499	435	51	29	13,290	783
Texas	365,249	339,027	52,753	45,950	134,652	133,628	3,031	2,710	3,488,188	95,810
Owners	190,067	218,583	20,115	22,024	76,008	87,519	1,336	1,301	2,264,482	40,619
Full owners	180,515	178,740	16,144	19,254	41,443	49,802	998	1,063	1,462,406	32,827
Part owners	39,652	36,843	3,971	2,770	35,162	37,716	338	238	402,076	7,792
Managers	3,330	2,530	28	48	19,471	18,503	18	35	270,979	1,349
All tenants	171,852	120,914	32,610	23,878	38,576	32,006	1,677	1,374	952,728	44,842
Croppers	24,949	14,600	14,872	9,847	2,394	1,760	598	443	75,204	17,629
<b>The West</b>	<b>453,567</b>	<b>484,183</b>	<b>28,103</b>	<b>10,272</b>	<b>242,326</b>	<b>266,163</b>	<b>13,368</b>	<b>7,942</b>	<b>7,742,431</b>	<b>95,246</b>
<b>Mountain:</b>										
Montana	40,747	36,508	1,076	1,239	46,015	57,830	—	967	510,995	6,895
Idaho	43,097	40,961	566	537	10,251	12,451	47	52	489,036	4,396
Wyoming	14,715	12,751	303	325	27,995	32,814	31	302	230,229	1,814
Colorado	51,034	47,008	402	610	31,477	35,531	50	687	557,944	6,500
New Mexico	28,541	27,805	5,564	1,800	35,344	46,451	3,516	3,157	312,810	13,940
Arizona	10,299	12,130	8,229	1,006	17,338	35,960	8,313	1,896	277,449	10,427
Utah	24,734	25,893	677	439	6,894	10,277	408	32	257,917	3,901
Nevada	3,147	2,987	426	442	3,765	5,899	20	—	70,371	1,585
<b>Pacific:</b>										
Washington	80,179	70,078	1,507	809	18,060	16,616	122	103	604,908	5,186
Oregon	61,206	62,687	623	438	17,919	19,666	69	88	604,213	3,802
California	125,928	136,279	6,730	2,638	30,169	34,738	356	317	3,447,568	36,990

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 665.—MORTGAGED FARMS—NUMBER, ACREAGE, VALUE, AND AMOUNT OF INDEBTEDNESS IN COMPARISON WITH ALL FARMS, BY TENURE AND REGION: 1930 TO 1945

REGION AND TENURE	FARMS			LAND IN FARMS			VALUE OF FARMS (LAND AND BUILDINGS)			MORTGAGE DEBT				Equity per mortgaged farm	
	Total number	Mortgaged farms		All farms, acres (1,000)	Mortgaged farms		All farms (\$1,000)	Mortgaged farms		Total	Ratio to value of mortgaged farms (percent)	Debt per acre	Debt per farm		
		Number	Per- cent of total		Acres (1,000)	Per- cent of total		Amount (\$1,000)	Per- cent of total						
United States, all tenures															
1930	6,268,648	2,525,223	40.3	966,771	(1)	(1)	47,878,838	(1)	(1)	99,530,768	(1)	(1)	\$3,817	(1)	
1935	5,812,350	2,350,313	34.5	1,054,515	(1)	(1)	32,858,844	(1)	(1)	7,594,459	(1)	(1)	3,227	(1)	
1940	6,096,799	2,365,777	38.8	1,060,852	457,374	43.1	33,641,739	15,873,779	47.2	6,536,359	41.5	914.40	2,786	53,929	
1945	5,859,189	1,711,655	29.2	1,141,615	371,363	32.6	46,388,926	16,353,731	35.3	4,912,942	30.2	13.26	2,882	4,672	
Full owners															
1930	2,911,644	1,231,658	42.3	372,450	182,081	48.9	21,123,408	10,955,133	51.9	4,337,225	39.6	23.82	3,521	5,374	
1935	3,210,224	1,270,107	39.6	390,978	181,868	46.5	14,824,045	7,338,406	49.5	3,682,354	50.2	20.25	2,899	2,879	
1940	3,054,139	1,278,312	41.4	382,096	190,452	47.2	16,297,374	7,587,163	51.6	3,353,376	42.5	18.58	2,623	3,547	
1945	3,301,361	996,592	30.2	412,348	148,917	36.1	21,105,511	5,160,104	38.7	2,687,459	32.9	18.05	2,697	5,491	
Part owners (owned portion only)															
1930	656,750	300,033	54.5	120,748	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	
1935	688,867	349,086	50.7	131,703	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	
1940	616,039	336,416	54.7	144,630	93,862	64.9	3,564,302	2,358,403	66.2	1,106,664	46.9	11.78	3,267	3,794	
1945	660,502	272,879	41.3	192,259	89,420	46.5	5,898,571	2,854,700	48.4	872,253	30.6	9.75	3,195	7,265	
Tenants and managers (and rented portion of part-owner farms)															
1930	2,720,254	931,322	34.2	493,673	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	
1935	2,913,250	731,148	25.1	531,834	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	
1940	2,397,622	749,049	31.2	534,115	163,040	34.3	14,780,262	8,028,213	28.1	2,127,359	37.8	11.62	(1)	(1)	
1945	1,897,306	442,194	23.3	536,906	133,631	24.9	19,383,544	5,338,927	27.5	1,373,230	26.7	10.26	(1)	(1)	
The North, all tenures															
1930	2,541,785	1,202,201	46.9	425,709	(1)	(1)	28,252,801	(1)	(1)	6,082,054	(1)	(1)	5,059	(1)	
1935	2,819,468	1,125,440	39.9	441,953	(1)	(1)	19,024,668	(1)	(1)	4,769,206	(1)	(1)	4,255	(1)	
1940	2,579,959	1,127,065	43.7	435,088	191,030	44.0	18,900,131	9,028,399	47.7	4,122,159	45.7	21.51	2,555	3,249	
1945	2,483,578	883,788	35.6	447,715	163,555	36.5	25,401,414	9,474,471	37.3	3,023,558	31.9	18.49	2,421	7,399	
The South, all tenures															
1930	3,223,816	1,067,662	33.1	343,096	(1)	(1)	8,796,858	(1)	(1)	2,061,406	(1)	(1)	1,931	(1)	
1935	3,421,923	968,780	28.3	378,204	(1)	(1)	8,796,858	(1)	(1)	1,657,153	(1)	(1)	1,676	(1)	
1940	3,003,119	1,003,319	33.4	370,168	163,471	44.2	9,710,128	4,220,851	43.4	1,502,187	35.6	9.19	1,497	2,710	
1945	2,861,135	660,309	22.9	377,705	115,409	30.5	13,146,834	4,073,520	31.0	1,184,935	29.1	10.27	1,793	4,376	
The West, all tenures															
1930	503,047	253,300	50.4	217,075	(1)	(1)	7,282,444	(1)	(1)	1,497,208	(1)	(1)	5,872	(1)	
1935	570,959	236,093	41.4	236,356	(1)	(1)	6,097,317	(1)	(1)	1,136,100	(1)	(1)	4,821	(1)	
1940	809,670	232,763	45.7	255,396	102,273	40.0	6,016,480	2,626,489	52.4	962,053	36.6	9.41	4,133	7,151	
1945	494,455	167,566	33.9	316,105	98,004	29.4	7,838,677	2,805,740	35.8	794,349	25.8	7.79	4,323	12,421	

<sup>1</sup> Not available.

<sup>2</sup> Acres, value, and debt for part owners represent owned portion only; similar data for rented portion included with data for tenants and managers. Therefore, average debt and equity per farm are not shown for "tenants and managers" group. Cropper operations are included in the "tenants and managers" group.

Source: Department of Commerce, Bureau of the Census and Department of Agriculture, Bureau of Agricultural Economics; cooperative report, Farm-Mortgage Debt in the United States.

**No. 666.—MORTGAGED FARMS—NUMBER, AMOUNT OF INDEBTEDNESS, ACREAGE,  
AND VALUE, BY STATES: 1930 TO 1945**

DIVISION AND STATE	TOTAL NUMBER OF MORTGAGED FARMS				PERCENT OF ALL FARMS			
	1930	1935	1940	1945	1930	1935	1940	1945
<b>United States.....</b>	<b>2,523,223</b>	<b>2,350,313</b>	<b>2,363,777</b>	<b>1,711,665</b>	<b>40.1</b>	<b>34.5</b>	<b>38.8</b>	<b>29.2</b>
<b>New England.....</b>	<b>56,483</b>	<b>68,633</b>	<b>62,918</b>	<b>53,274</b>	<b>45.2</b>	<b>43.4</b>	<b>46.5</b>	<b>35.4</b>
Maine.....	13,388	14,203	13,862	10,670	34.3	33.9	35.6	25.3
New Hampshire.....	5,746	6,822	7,048	6,058	38.6	38.6	42.6	32.2
Vermont.....	13,192	13,250	12,587	9,597	53.0	49.0	53.4	36.2
Massachusetts.....	13,873	18,190	17,152	17,128	54.2	51.8	53.8	46.3
Rhode Island.....	1,258	1,425	1,237	1,300	37.9	32.9	41.0	36.1
Connecticut.....	9,026	14,743	11,032	8,521	52.5	45.8	52.1	38.3
<b>Middle Atlantic.....</b>	<b>144,576</b>	<b>144,876</b>	<b>139,627</b>	<b>112,727</b>	<b>40.4</b>	<b>36.4</b>	<b>40.1</b>	<b>32.4</b>
New York.....	72,472	74,141	70,580	55,828	45.4	41.9	46.1	37.3
New Jersey.....	12,890	12,889	12,834	10,785	50.8	43.9	49.7	41.1
Pennsylvania.....	59,214	57,846	56,213	46,114	34.3	30.2	33.3	26.8
<b>East North Central.....</b>	<b>438,141</b>	<b>416,356</b>	<b>430,732</b>	<b>323,707</b>	<b>45.3</b>	<b>38.4</b>	<b>42.8</b>	<b>33.9</b>
Ohio.....	78,121	77,714	86,586	60,941	35.6	30.5	37.0	27.6
Indiana.....	82,542	79,115	86,600	65,790	45.5	39.4	46.9	37.4
Illinois.....	87,322	71,700	74,390	50,458	40.7	31.0	34.9	24.7
Michigan.....	82,911	82,361	85,321	65,391	49.0	41.9	45.5	37.3
Wisconsin.....	107,245	105,466	97,835	81,127	59.0	52.8	52.4	45.6
<b>West North Central.....</b>	<b>563,061</b>	<b>495,575</b>	<b>494,418</b>	<b>394,080</b>	<b>50.6</b>	<b>42.0</b>	<b>45.3</b>	<b>38.2</b>
Minnesota.....	93,936	87,763	95,594	83,255	50.7	43.2	48.4	44.1
Iowa.....	112,600	96,791	102,793	86,867	52.4	43.6	48.2	41.6
Missouri.....	114,911	100,423	108,703	81,466	44.9	36.1	42.4	33.5
North Dakota.....	49,124	44,937	33,635	27,648	63.0	53.1	45.5	39.8
South Dakota.....	46,041	37,436	29,700	27,129	55.4	44.9	41.0	39.5
Nebraska.....	67,953	58,286	54,246	41,113	52.5	43.6	44.8	36.8
Kansas.....	78,496	69,939	69,747	46,602	47.3	40.1	44.6	33.0
<b>South Atlantic.....</b>	<b>298,212</b>	<b>277,609</b>	<b>297,795</b>	<b>209,537</b>	<b>28.2</b>	<b>24.2</b>	<b>29.2</b>	<b>20.1</b>
Delaware.....	3,732	2,906	3,272	2,706	38.4	28.9	36.4	29.1
Maryland <sup>1</sup> .....	16,404	13,908	15,781	13,884	37.9	31.2	37.4	33.6
Virginia.....	39,039	43,451	43,415	30,072	22.9	22.0	24.8	17.4
West Virginia.....	15,182	17,301	19,192	12,411	18.4	16.5	19.3	12.7
North Carolina.....	78,070	76,251	80,910	48,341	27.9	25.3	29.1	16.8
South Carolina.....	50,791	41,829	40,792	32,892	32.2	25.3	29.7	22.3
Georgia.....	79,663	65,354	74,033	57,361	31.2	26.1	34.3	25.4
Florida.....	15,331	16,519	20,400	11,870	26.0	22.7	32.8	19.4
<b>East South Central.....</b>	<b>317,958</b>	<b>325,005</b>	<b>374,352</b>	<b>222,558</b>	<b>29.9</b>	<b>28.6</b>	<b>36.6</b>	<b>23.2</b>
Kentucky.....	59,064	65,236	67,387	44,713	24.0	23.4	26.6	18.7
Tennessee.....	59,866	64,979	74,618	42,942	24.4	23.7	30.1	18.3
Alabama.....	80,800	83,011	97,204	60,419	34.9	30.4	41.9	27.0
Mississippi.....	109,138	111,779	135,143	74,484	34.9	35.9	46.4	28.3
<b>West South Central.....</b>	<b>451,492</b>	<b>386,166</b>	<b>331,172</b>	<b>228,214</b>	<b>40.9</b>	<b>34.0</b>	<b>34.3</b>	<b>26.0</b>
Arkansas.....	93,518	80,734	72,916	47,509	38.6	31.9	33.7	23.9
Louisiana.....	55,030	50,447	51,843	28,872	34.1	29.6	34.6	22.3
Oklahoma.....	103,863	78,729	69,523	50,387	51.0	36.9	38.7	30.6
Texas.....	199,081	176,256	136,890	101,446	40.2	35.2	32.7	26.4
<b>Mountain.....</b>	<b>117,850</b>	<b>102,649</b>	<b>100,091</b>	<b>68,460</b>	<b>48.8</b>	<b>37.8</b>	<b>42.9</b>	<b>32.2</b>
Montana.....	25,263	21,091	18,143	10,544	53.2	41.7	43.4	27.9
Idaho.....	23,523	20,651	23,647	17,124	56.4	45.8	54.2	41.3
Wyoming.....	8,683	7,704	7,973	5,845	54.2	44.1	53.1	44.7
Colorado.....	30,657	24,979	22,818	16,357	51.1	39.2	44.4	34.4
New Mexico.....	7,876	8,216	8,934	5,291	25.1	19.9	26.2	17.8
Arizona.....	5,710	5,035	4,551	3,731	40.3	26.8	24.6	28.4
Utah.....	14,618	13,256	12,675	8,634	53.8	43.2	49.9	32.8
Nevada.....	1,520	1,717	1,350	934	44.2	46.5	37.8	27.2
<b>Pacific.....</b>	<b>135,450</b>	<b>123,444</b>	<b>132,672</b>	<b>99,108</b>	<b>51.8</b>	<b>44.6</b>	<b>48.0</b>	<b>35.2</b>
Washington.....	35,830	36,260	37,650	22,934	50.5	43.0	46.1	28.7
Oregon.....	28,404	29,740	29,716	20,809	51.5	45.9	48.1	33.0
California.....	71,216	67,444	65,306	55,365	52.5	44.9	49.2	39.9

<sup>1</sup> Includes data for District of Columbia.

No. 666.—MORTGAGED FARMS—NUMBER, AMOUNT OF INDEBTEDNESS, ACREAGE, AND VALUE, BY STATES: 1930 TO 1945—Continued

DIVISION AND STATE	TOTAL AMOUNT OF FARM-MORTGAGE DEBT (\$1,000)		ALL MORTGAGED FARMS					
			Acreage (1,000)		Value of land and buildings (\$1,000)		Ratio of debt to value (percent)	
	1940	1945	1940	1945	1940	1945	1940	1945
<b>United States</b> .....	6,586,399	4,932,942	457,374	371,968	16,873,779	16,353,731	41.5	39.2
<b>New England</b> .....	150,499	114,860	6,390	5,208	396,499	358,160	38.6	32.1
Maine.....	24,767	16,713	1,659	1,322	57,622	50,895	43.0	32.8
New Hampshire.....	11,230	9,706	794	650	30,254	27,640	37.1	35.1
Vermont.....	27,814	21,975	2,099	1,643	65,070	54,385	42.7	40.4
Massachusetts.....	45,845	36,778	1,007	984	112,982	117,631	40.6	31.3
Rhode Island.....	4,121	3,583	77	77	10,745	12,143	38.4	29.5
Connecticut.....	36,742	26,106	744	583	113,837	95,457	32.3	27.3
<b>Middle Atlantic</b> .....	373,166	293,793	14,360	11,801	918,578	831,371	40.5	35.3
New York.....	191,786	147,200	8,245	6,765	480,258	418,734	41.7	35.2
New Jersey.....	48,791	39,235	935	744	118,812	123,378	41.1	31.8
Pennsylvania.....	131,578	107,358	5,180	4,292	339,508	289,259	38.8	37.1
<b>East North Central</b> .....	1,425,539	1,020,938	60,263	49,346	3,349,253	3,472,210	42.6	29.4
Ohio.....	239,659	167,463	8,211	5,992	590,214	528,859	40.5	31.7
Indiana.....	236,266	176,408	9,797	7,785	528,671	584,248	37.6	25.4
Illinois.....	418,970	269,947	11,628	8,601	1,035,561	1,136,846	40.5	23.7
Michigan.....	174,308	144,988	8,177	6,983	425,521	446,994	41.0	32.4
Wisconsin.....	356,936	262,072	12,455	10,684	669,280	665,203	53.3	39.4
<b>West North Central</b> .....	2,173,966	1,594,667	120,622	106,900	4,368,069	4,812,730	49.8	33.1
Minnesota.....	375,990	304,441	16,463	15,127	764,507	864,356	49.2	35.2
Iowa.....	705,589	525,939	17,230	15,164	1,399,408	1,584,858	50.4	33.2
Missouri.....	229,377	197,529	14,995	12,434	506,368	562,861	45.8	35.1
North Dakota.....	141,230	91,461	15,528	14,048	246,170	260,869	57.4	35.1
South Dakota.....	127,706	98,768	12,871	14,303	225,875	275,337	56.5	36.9
Nebraska.....	309,826	204,174	22,623	19,019	569,418	649,611	54.7	31.4
Kansas.....	284,248	171,535	20,923	16,216	659,323	614,839	43.1	27.9
<b>South Atlantic</b> .....	465,657	335,712	32,397	24,238	1,161,007	1,068,358	34.9	30.8
Delaware.....	7,957	6,496	313	262	20,628	20,291	38.6	32.0
Maryland <sup>1</sup> .....	46,675	40,627	1,810	1,564	118,939	128,688	39.2	31.6
Virginia.....	72,299	61,765	4,565	3,602	209,374	220,114	34.5	28.1
West Virginia.....	21,969	18,458	1,989	1,456	67,914	59,724	32.3	31.2
North Carolina.....	90,071	73,917	5,890	3,955	256,162	223,242	35.3	33.1
South Carolina.....	45,948	37,500	4,160	3,048	136,091	118,759	33.8	31.7
Georgia.....	82,037	66,344	9,895	7,535	216,320	203,727	37.9	32.6
Florida.....	38,101	30,313	3,686	2,790	136,578	113,823	27.9	26.6
<b>East South Central</b> .....	384,034	297,329	31,716	20,606	1,021,144	925,198	37.6	32.1
Kentucky.....	109,253	81,579	6,674	4,486	300,457	276,311	36.4	29.5
Tennessee.....	92,614	66,433	6,631	4,033	260,660	210,227	35.5	31.1
Alabama.....	81,859	66,564	9,320	6,120	207,028	188,291	39.5	35.4
Mississippi.....	100,368	83,744	9,085	6,967	253,001	250,369	39.7	33.4
<b>West South Central</b> .....	713,036	561,903	53,343	70,566	2,036,740	2,069,964	35.0	26.8
Arkansas.....	72,513	63,695	6,733	5,036	207,972	224,206	34.9	29.4
Louisiana.....	55,096	48,070	3,813	3,043	148,439	153,409	37.1	31.9
Oklahoma.....	168,679	118,780	15,917	12,867	403,248	383,736	38.1	30.4
Texas.....	431,746	323,358	72,901	49,600	1,279,090	1,308,613	33.8	24.9
<b>Mountain</b> .....	357,190	262,291	70,969	66,387	943,434	959,294	37.9	27.3
Montana.....	66,118	41,684	18,402	15,777	170,412	152,659	38.8	27.3
Idaho.....	76,763	58,494	5,737	5,144	207,539	216,590	38.0	27.0
Wyoming.....	34,009	24,951	13,881	12,555	62,815	97,749	36.6	26.5
Colorado.....	75,005	58,064	13,187	12,483	188,098	197,413	39.9	29.4
New Mexico.....	27,499	24,924	11,478	12,754	90,178	102,676	30.5	24.3
Arizona.....	28,933	22,334	2,644	3,096	77,484	78,724	37.3	28.4
Utah.....	36,650	25,720	3,745	3,237	61,252	92,875	46.2	27.7
Nevada.....	10,213	6,120	1,896	1,840	28,655	20,608	39.8	29.7
<b>Pacific</b> .....	604,863	462,658	31,303	26,617	1,583,055	1,846,446	35.9	26.0
Washington.....	106,867	73,995	6,791	4,609	294,278	261,355	36.3	28.3
Oregon.....	60,421	60,218	9,963	8,418	240,403	253,914	26.8	27.3
California.....	407,565	318,645	14,549	13,590	1,139,374	1,331,177	35.8	24.0

<sup>1</sup> Includes data for District of Columbia.

Source: Department of Commerce, Bureau of the Census and Department of Agriculture, Bureau of Agricultural Economics; cooperative report, Farm-Mortgage Debt in the United States.

No. 667.—MORTGAGED FARMS—NUMBER BY TENURE OF OPERATOR, BY STATES:  
1940 AND 1945

DIVISION AND STATE	NUMBER OPERATED BY FULL OWNERS		PERCENT OF ALL FULL-OWNER FARMS		NUMBER OPERATED BY PART OWNERS		PERCENT OF ALL PART-OWNER FARMS		NUMBER OPERATED BY TENANTS AND MANAGERS	
	1940	1945	1940	1945	1940	1945	1940	1945	1940	1945
<b>United States</b>	<b>1,278,312</b>	<b>996,592</b>	<b>41.4</b>	<b>30.2</b>	<b>336,418</b>	<b>272,879</b>	<b>54.7</b>	<b>41.3</b>	<b>749,649</b>	<b>442,194</b>
<b>New England</b>	<b>54,530</b>	<b>45,741</b>	<b>46.8</b>	<b>35.2</b>	<b>4,092</b>	<b>4,604</b>	<b>58.0</b>	<b>49.1</b>	<b>4,296</b>	<b>1,929</b>
Maine	12,529	9,710	35.9	25.1	675	605	49.5	36.6	658	263
New Hampshire	6,196	5,258	42.3	31.7	325	551	47.0	43.2	526	249
Vermont	10,621	8,496	54.9	36.6	975	764	60.6	48.8	991	338
Massachusetts	14,876	15,381	54.2	46.2	1,046	1,192	64.3	62.6	1,230	556
Rhode Island	993	977	42.1	35.6	144	218	52.2	50.3	100	105
Connecticut	9,315	6,920	52.4	37.8	926	1,184	62.1	51.6	791	417
<b>Middle Atlantic</b>	<b>112,765</b>	<b>90,340</b>	<b>41.9</b>	<b>33.5</b>	<b>12,661</b>	<b>14,286</b>	<b>51.8</b>	<b>39.9</b>	<b>14,201</b>	<b>8,101</b>
New York	56,166	44,216	47.6	38.1	7,865	6,122	55.6	42.6	6,560	3,490
New Jersey	10,214	8,455	52.5	42.8	1,161	1,547	60.4	48.0	1,450	763
Pennsylvania	46,385	37,669	36.2	28.1	3,645	4,617	43.4	34.1	6,183	3,828
<b>East North Central</b>	<b>287,130</b>	<b>212,916</b>	<b>47.5</b>	<b>36.2</b>	<b>64,447</b>	<b>57,451</b>	<b>56.1</b>	<b>42.7</b>	<b>79,185</b>	<b>53,346</b>
Ohio	60,373	41,812	46.2	28.6	10,761	9,005	51.2	36.3	15,452	10,124
Indiana	52,691	40,403	48.9	37.3	14,520	14,070	61.9	52.3	19,389	11,317
Illinois	35,679	23,387	49.0	26.7	16,219	11,238	49.4	31.9	22,492	15,833
Michigan	62,873	47,103	47.1	37.2	12,355	11,895	57.8	43.9	10,093	6,298
Wisconsin	76,514	60,211	59.6	50.3	10,592	11,243	65.7	55.2	11,729	9,673
<b>West North Central</b>	<b>346,587</b>	<b>200,845</b>	<b>53.8</b>	<b>42.8</b>	<b>118,207</b>	<b>103,615</b>	<b>67.0</b>	<b>50.6</b>	<b>135,624</b>	<b>89,928</b>
Minnesota	56,691	48,743	54.6	47.2	19,208	19,162	66.2	55.8	19,696	15,350
Iowa	54,191	48,961	61.4	51.8	15,118	14,142	67.5	56.1	33,484	23,744
Missouri	63,182	53,171	47.2	36.6	17,935	13,835	60.1	43.8	27,586	14,460
North Dakota	11,595	9,873	62.2	44.6	15,852	13,747	72.9	49.5	6,188	4,028
South Dakota	8,139	7,593	54.1	43.8	12,772	13,005	68.1	52.2	8,789	6,531
Nebraska	20,182	14,427	57.6	42.9	15,085	12,225	70.2	49.7	18,979	14,461
Kansas	26,607	17,757	50.7	33.8	22,237	17,499	67.3	47.0	20,903	12,346
<b>South Atlantic</b>	<b>164,281</b>	<b>119,371</b>	<b>29.9</b>	<b>20.8</b>	<b>22,686</b>	<b>13,862</b>	<b>35.1</b>	<b>23.8</b>	<b>119,688</b>	<b>74,364</b>
Delaware	2,338	2,102	43.3	32.2	259	239	46.7	38.0	675	305
Maryland	11,000	10,160	40.6	35.8	889	1,091	51.6	42.5	3,197	2,633
Virginia	28,369	21,506	25.0	17.3	4,043	2,772	30.7	22.7	11,003	8,792
West Virginia	13,840	9,930	19.3	12.7	1,067	760	22.3	17.3	4,285	1,721
North Carolina	38,975	24,821	29.4	17.2	7,648	4,084	35.1	20.6	34,287	19,436
South Carolina	17,863	15,016	35.3	25.1	3,333	1,920	36.1	25.6	10,506	15,956
Georgia	29,848	27,620	39.2	28.6	3,843	2,131	42.3	29.6	40,345	27,710
Florida	12,295	6,314	30.2	18.3	1,605	805	37.8	22.6	6,500	2,751
<b>East South Central</b>	<b>159,523</b>	<b>100,918</b>	<b>33.7</b>	<b>20.2</b>	<b>24,081</b>	<b>15,238</b>	<b>39.4</b>	<b>29.3</b>	<b>199,748</b>	<b>106,402</b>
Kentucky	39,992	28,936	26.7	18.1	6,112	3,843	32.3	26.8	21,283	11,944
Tennessee	35,969	23,369	26.0	16.8	6,952	4,572	38.9	26.0	31,607	15,001
Alabama	35,295	24,552	43.9	24.5	6,932	4,495	46.8	34.0	54,967	31,372
Mississippi	39,277	24,071	44.3	24.2	4,085	2,328	47.7	33.6	91,781	48,085
<b>West South Central</b>	<b>128,333</b>	<b>110,954</b>	<b>35.5</b>	<b>26.0</b>	<b>44,170</b>	<b>29,477</b>	<b>48.6</b>	<b>35.3</b>	<b>158,689</b>	<b>87,783</b>
Arkansas	27,676	20,777	32.2	20.8	5,716	2,930	38.6	29.6	39,524	23,802
Louisiana	18,729	11,333	34.4	19.8	2,906	1,758	39.4	27.3	30,706	15,781
Oklahoma	24,872	23,263	44.5	32.9	14,997	12,537	59.4	45.3	29,654	14,587
Texas	57,856	56,581	34.5	28.1	20,549	12,252	47.2	30.9	58,785	33,613
<b>Mountain</b>	<b>54,731</b>	<b>38,327</b>	<b>42.7</b>	<b>32.0</b>	<b>27,328</b>	<b>20,998</b>	<b>60.1</b>	<b>41.0</b>	<b>18,632</b>	<b>9,135</b>
Montana	7,974	4,677	46.8	26.1	7,476	4,820	58.2	33.2	2,693	1,047
Idaho	14,856	11,270	57.0	43.2	4,189	3,439	67.8	50.7	4,602	2,416
Wyoming	3,724	2,535	54.7	43.9	2,976	2,555	69.0	58.0	1,273	765
Colorado	11,439	8,305	61.1	36.1	5,156	3,051	65.2	46.7	5,220	3,001
New Mexico	4,053	2,329	18.3	12.8	2,614	2,051	44.6	28.9	2,267	911
Arizona	2,823	2,515	20.2	27.7	1,003	735	51.5	69.4	726	481
Utah	8,891	5,944	51.4	32.2	2,765	2,239	60.2	41.2	1,019	451
Nevada	971	752	34.9	28.5	146	108	46.8	32.0	233	74
<b>Pacific</b>	<b>94,492</b>	<b>76,430</b>	<b>49.7</b>	<b>34.1</b>	<b>18,744</b>	<b>13,408</b>	<b>61.8</b>	<b>43.1</b>	<b>19,436</b>	<b>9,220</b>
Washington	27,528	18,036	47.4	29.4	5,130	3,084	60.5	34.1	4,992	1,815
Oregon	20,796	15,965	49.2	33.4	4,920	3,235	62.7	40.6	4,000	1,589
California	46,168	42,429	51.4	41.2	8,694	7,089	62.1	50.3	10,444	5,816

† Includes data for District of Columbia.

Source: Department of Commerce, Bureau of the Census and Department of Agriculture, Bureau of Agricultural Economics; cooperative report, Farm-Mortgage Debt in the United States.



**No. 668.—FARM-MORTGAGE DEBT—TOTAL AMOUNT OUTSTANDING, BY STATES, AS OF  
JANUARY 1: 1940 TO 1947**

[Thousands of dollars]

DIVISION AND STATE	1940	1941	1942	1943	1944	1945	1946	1947
<b>United States.....</b>	<b>6,586,399</b>	<b>6,491,435</b>	<b>6,372,277</b>	<b>6,950,978</b>	<b>6,389,690</b>	<b>6,932,942</b>	<b>6,661,729</b>	<b>6,777,366</b>
<b>New England.....</b>	<b>150,499</b>	<b>147,507</b>	<b>141,102</b>	<b>131,647</b>	<b>121,834</b>	<b>114,860</b>	<b>109,247</b>	<b>110,062</b>
Maine.....	24,757	24,003	22,596	20,507	17,972	16,713	16,431	17,681
New Hampshire.....	11,220	11,318	11,117	10,501	9,932	9,706	9,584	9,822
Vermont.....	27,814	27,051	25,412	23,813	22,327	21,975	22,814	26,768
Massachusetts.....	43,845	46,091	44,513	42,329	39,524	36,778	32,950	30,361
Rhode Island.....	4,121	3,982	3,916	3,749	3,529	3,593	3,569	3,544
Connecticut.....	26,742	25,082	23,576	20,946	28,650	26,105	23,899	22,906
<b>Middle Atlantic.....</b>	<b>372,155</b>	<b>362,829</b>	<b>384,991</b>	<b>339,353</b>	<b>314,454</b>	<b>293,793</b>	<b>284,801</b>	<b>307,976</b>
New York.....	191,766	185,605	179,855	172,520	156,684	147,200	144,002	151,922
New Jersey.....	48,791	48,637	49,478	48,215	41,622	39,235	37,956	40,619
Pennsylvania.....	131,578	128,587	126,601	120,618	114,238	107,358	102,844	115,434
<b>East North Central.....</b>	<b>1,428,539</b>	<b>1,408,218</b>	<b>1,379,561</b>	<b>1,265,646</b>	<b>1,123,408</b>	<b>1,020,938</b>	<b>966,659</b>	<b>961,427</b>
Ohio.....	239,059	233,312	228,070	208,010	184,843	167,463	160,916	162,263
Indiana.....	236,266	237,168	233,335	214,775	191,603	176,468	168,391	160,400
Illinois.....	418,970	410,999	399,503	361,585	309,466	269,947	248,260	230,713
Michigan.....	174,308	175,679	175,437	166,059	152,552	144,988	144,940	153,706
Wisconsin.....	358,936	350,860	336,216	316,817	284,944	262,072	244,152	242,546
<b>West North Central.....</b>	<b>2,173,966</b>	<b>2,129,714</b>	<b>2,090,516</b>	<b>1,968,423</b>	<b>1,776,947</b>	<b>1,594,067</b>	<b>1,440,506</b>	<b>1,362,274</b>
Minnesota.....	375,990	375,808	374,627	351,929	324,656	304,641	273,364	257,696
Iowa.....	706,580	690,573	686,500	657,128	593,153	525,939	478,470	437,801
Missouri.....	229,377	231,963	234,767	219,933	209,281	197,529	193,533	198,869
North Dakota.....	141,230	134,690	131,433	127,484	110,390	91,461	80,778	76,146
South Dakota.....	127,706	120,720	119,459	115,309	107,451	98,788	87,222	83,109
Nebraska.....	309,826	289,943	280,905	262,329	231,652	204,174	175,923	160,963
Kansas.....	284,244	276,997	262,765	234,311	200,365	171,535	151,216	148,130
<b>South Atlantic.....</b>	<b>406,987</b>	<b>406,609</b>	<b>412,601</b>	<b>387,828</b>	<b>342,445</b>	<b>335,712</b>	<b>344,283</b>	<b>391,567</b>
Delaware.....	7,967	7,868	7,882	7,211	6,436	6,468	6,174	7,287
Maryland.....	46,675	45,386	45,253	43,655	41,819	40,627	39,975	43,883
Virginia.....	72,299	72,084	71,364	67,142	64,743	61,766	64,685	72,256
West Virginia.....	21,969	22,176	21,843	20,870	19,270	18,656	17,870	20,229
North Carolina.....	90,071	93,840	96,314	88,394	80,192	73,917	76,810	87,836
South Carolina.....	45,948	45,383	47,671	42,611	39,843	37,580	37,868	40,542
Georgia.....	82,037	82,617	85,736	81,264	74,249	66,544	69,538	78,919
Florida.....	36,101	38,955	36,338	36,681	35,893	30,313	31,363	40,615
<b>East South Central.....</b>	<b>384,094</b>	<b>389,216</b>	<b>383,431</b>	<b>355,477</b>	<b>323,802</b>	<b>297,320</b>	<b>299,977</b>	<b>322,368</b>
Kentucky.....	109,253	109,993	107,768	98,970	89,016	81,579	79,125	82,650
Tennessee.....	92,614	92,577	87,888	79,381	71,618	65,433	65,830	70,121
Alabama.....	81,859	84,280	86,150	81,838	74,460	66,564	66,306	70,255
Mississippi.....	100,368	102,366	101,625	95,286	88,308	83,744	88,716	99,342
<b>West South Central.....</b>	<b>712,636</b>	<b>709,687</b>	<b>707,300</b>	<b>661,398</b>	<b>603,331</b>	<b>551,903</b>	<b>518,136</b>	<b>544,289</b>
Arkansas.....	72,513	73,862	74,655	71,707	67,654	63,695	66,536	72,477
Louisiana.....	55,096	55,968	56,670	53,593	50,356	48,070	51,693	56,826
Oklahoma.....	153,679	152,996	152,230	141,675	129,839	116,780	107,829	111,400
Texas.....	431,746	426,861	423,745	394,283	355,482	323,358	292,078	304,686
<b>Mountain.....</b>	<b>357,190</b>	<b>353,606</b>	<b>343,773</b>	<b>313,436</b>	<b>279,014</b>	<b>262,291</b>	<b>267,643</b>	<b>281,608</b>
Montana.....	66,118	65,543	61,068	53,233	46,187	41,684	39,904	40,912
Idaho.....	78,763	79,732	79,377	73,767	63,521	58,464	54,768	56,522
Wyoming.....	34,009	34,014	32,519	29,416	26,223	24,951	24,026	26,414
Colorado.....	75,005	74,449	73,303	68,680	60,136	56,064	59,444	66,739
New Mexico.....	27,499	25,838	24,828	23,672	23,727	24,924	25,092	29,477
Arizona.....	28,933	28,002	27,371	25,424	23,005	22,334	22,541	27,117
Utah.....	36,650	36,600	35,769	33,011	27,670	25,720	25,592	27,805
Nevada.....	10,213	9,530	9,588	8,027	6,645	6,120	6,477	7,523
<b>Pacific.....</b>	<b>604,863</b>	<b>590,947</b>	<b>568,242</b>	<b>528,173</b>	<b>483,945</b>	<b>462,069</b>	<b>460,268</b>	<b>496,563</b>
Washington.....	106,857	104,305	100,114	91,411	81,339	73,965	73,527	74,093
Oregon.....	90,421	88,556	86,732	81,115	74,448	69,218	68,779	76,862
California.....	407,585	398,086	381,416	355,647	328,158	318,845	317,962	342,608

\* Includes District of Columbia.

Source: Department of Agriculture, Bureau of Agricultural Economics; The Balance Sheet of Agriculture, 1947.

## No. 669.—VALUE OF FARM PROPERTY AND FARM DEBT: 1910 TO 1947

[In millions of dollars]

YEAR	VALUE OF FARM PROPERTY JANUARY 1			Total farm debt <sup>1</sup>	Farmers' equity
	Total	Real estate	Other		
1910.....	41,961	34,801	7,160	4,444	37,517
1915.....	48,469	39,897	8,572	6,677	41,792
1920.....	80,327	68,316	14,011	12,321	68,006
1925.....	68,309	49,468	8,841	12,667	48,622
1930.....	68,378	47,680	10,498	12,016	46,362
1932.....	43,883	37,236	6,647	10,728	33,155
1933.....	36,278	30,724	5,554	9,791	26,487
1934.....	37,618	31,933	5,685	8,957	28,661
1935.....	38,738	32,669	6,070	8,736	30,002
1936.....	41,692	33,910	7,782	8,575	33,117
1937.....	42,708	34,757	7,951	8,407	34,301
1938.....	43,075	34,747	8,328	8,479	34,596
1939.....	42,338	33,931	8,407	8,637	33,701
1940.....	42,110	33,642	8,468	8,263	33,847
1941.....	42,341	33,497	■ ■ ■	8,261	34,080
1942.....	46,854	36,331	11,523	8,120	38,734
1943.....	53,325	37,865	15,470	7,615	45,710
1944.....	58,997	42,532	16,465	7,037	51,960
1945.....	63,483	46,380	17,094	6,616	56,867
1946.....	70,001	52,114	17,887	6,685	63,316
1947.....	79,849	58,604	21,245	(?)	(?)

<sup>1</sup> Farm mortgage debt Jan. 1 plus annual average of short-term debt held by commercial banks and Federal agencies. Because of seasonal variation in short-term debt, annual average is used in preference to Jan. 1 amount.

■ Not available.

Source: Department of Agriculture, Bureau of Agricultural Economics; 1910-39, Net Farm Income and Parity Report, 1943; 1940-47, The Farm Income Situation, June-July 1947.

## No. 670.—FARMS OPERATED BY FULL OWNERS, 1930 AND 1940, AND BY PART OWNERS, 1940, BY COLOR AND AGE OF OPERATOR, BY MORTGAGE STATUS

AGE GROUP	FARMS OPERATED BY FULL OWNERS						FARMS OPERATED BY PART OWNERS, 1940		
	Total		White		Nonwhite		Total	White	Non-white
	1930	1940	1930	1940	1930	1940			
Total.....	2,911,644	3,084,128	2,752,787	2,918,562	158,857	167,576	615,039	581,517	33,522
Reporting age.....	2,806,122	2,957,776	2,654,678	2,790,788	153,446	160,987	594,334	562,227	32,107
Under 25.....	37,395	39,870	34,233	35,918	3,162	3,932	7,648	7,119	538
25 to 34.....	250,784	267,708	237,468	251,517	13,279	16,191	65,098	62,136	2,962
35 to 44.....	676,845	526,140	549,577	498,853	27,268	27,287	141,080	135,224	6,856
45 to 54.....	747,751	759,354	704,982	720,688	42,769	38,660	191,512	181,667	9,845
55 to 64.....	678,233	728,164	640,853	691,845	37,580	36,319	131,569	123,924	7,645
65 years and over.....	517,134	636,639	497,746	597,987	29,388	38,572	56,527	52,036	4,491
Not reporting age.....	103,522	126,363	99,111	119,774	5,411	6,589	20,705	19,290	1,415
Free from mortgage, total.....	1,569,176	1,685,797	1,474,716	1,575,723	94,463	109,984	262,783	242,149	20,634
Reporting age.....	1,519,225	1,623,517	1,427,012	1,517,423	92,212	106,094	253,899	234,093	19,796
Under 25.....	18,671	20,898	16,748	18,108	1,923	2,790	3,670	3,326	344
25 to 34.....	106,799	126,848	99,002	115,992	7,797	10,866	27,042	25,187	1,855
35 to 44.....	251,900	251,050	236,110	233,063	15,790	17,967	56,917	52,799	4,118
45 to 54.....	340,235	343,362	355,597	358,866	24,638	24,497	77,830	71,984	5,846
55 to 64.....	401,692	412,787	378,071	389,407	22,621	21,380	58,611	53,914	4,697
65 years and over.....	359,928	428,572	340,484	401,968	19,444	26,584	29,819	26,883	2,936
Not reporting age.....	49,953	62,190	47,703	58,300	2,250	3,690	8,894	8,076	818
Mortgaged, total.....	1,157,848	1,198,376	1,113,311	1,168,070	44,537	40,206	320,155	311,000	9,188
Reporting age.....	1,125,163	1,162,186	1,081,602	1,123,396	43,581	38,790	310,204	301,401	8,803
Under 25.....	14,625	13,844	13,942	13,278	863	580	3,167	3,049	118
25 to 34.....	127,117	118,681	123,047	115,413	3,470	3,268	33,310	32,602	708
35 to 44.....	293,871	243,310	287,738	219,958	8,133	6,352	77,405	75,653	1,752
45 to 54.....	327,538	336,039	313,997	326,136	13,541	10,503	105,114	102,194	2,920
55 to 64.....	238,524	278,803	227,431	268,822	11,093	9,681	67,202	65,014	2,188
65 years and over.....	123,488	171,309	116,847	162,789	6,041	8,420	24,006	22,889	1,117
Not reporting age.....	32,866	36,090	31,709	34,674	976	1,416	9,981	9,899	382

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Agriculture, Vol. III.

**No. 671.—FARM LABOR—FARMS REPORTING, PERSONS WORKING ON FARMS FIRST WEEK OF JAN. 1945, AND WAGES PAID, 1944**

(Relates to persons 14 years old and over working equivalent of 2 or more days during first week of January 1945. Excludes housework and contract construction work. For annual and quarterly data see tables 210-212, pp. 198 and 199)

DIVISION AND STATE	FAMILY AND/OR HIRED WORKERS		FAMILY WORKERS		HIRED WORKERS		CASH WAGES PAID FOR HIRED LABOR IN 1944	
	Farms reporting	Persons working	Farms reporting	Persons working	Farms reporting	Persons working	Farms reporting	Amount (\$1,000)
<b>United States</b>	<b>5,155,346</b>	<b>8,373,239</b>	<b>5,111,005</b>	<b>7,624,896</b>	<b>442,439</b>	<b>748,341</b>	<b>2,799,626</b>	<b>1,661,626</b>
<b>New England</b>	<b>117,184</b>	<b>182,269</b>	<b>115,271</b>	<b>159,624</b>	<b>15,266</b>	<b>31,645</b>	<b>63,659</b>	<b>77,399</b>
Maine	30,644	41,745	30,396	37,319	2,707	4,428	17,955	18,516
New Hampshire	14,826	22,748	14,667	19,728	1,651	3,018	7,298	8,966
Vermont	20,447	34,002	20,171	28,884	2,691	5,118	13,877	9,604
Massachusetts	28,949	46,613	28,142	35,462	4,666	11,151	14,179	21,645
Rhode Island	3,333	6,281	3,286	5,129	476	1,152	1,610	2,589
Connecticut	18,985	30,682	18,609	24,102	3,185	6,780	8,740	18,890
<b>Middle Atlantic</b>	<b>312,315</b>	<b>538,424</b>	<b>306,185</b>	<b>456,814</b>	<b>48,613</b>	<b>81,610</b>	<b>179,763</b>	<b>161,288</b>
New York	133,539	230,728	131,380	188,796	25,820	41,932	80,847	79,652
New Jersey	24,476	47,658	24,100	35,585	5,842	12,073	14,339	30,185
Pennsylvania	154,300	260,038	152,625	232,433	17,942	27,605	84,577	51,462
<b>East North Central</b>	<b>856,226</b>	<b>1,386,562</b>	<b>849,342</b>	<b>1,273,454</b>	<b>79,297</b>	<b>107,498</b>	<b>486,270</b>	<b>227,248</b>
Ohio	195,456	303,455	194,186	283,899	13,249	19,556	95,172	42,355
Indiana	157,030	240,496	156,033	226,830	9,770	13,665	78,913	30,984
Illinois	186,305	296,686	184,185	269,642	21,188	29,044	116,973	63,142
Michigan	150,386	232,518	149,405	217,569	10,304	14,949	80,148	39,692
Wisconsin	167,160	305,798	165,533	276,514	24,786	30,284	116,064	51,075
<b>West North Central</b>	<b>961,255</b>	<b>1,570,646</b>	<b>955,777</b>	<b>1,473,523</b>	<b>74,879</b>	<b>96,513</b>	<b>609,344</b>	<b>269,558</b>
Minnesota	175,663	290,790	174,704	280,205	15,887	19,585	118,437	47,607
Iowa	197,803	308,387	196,542	285,209	19,691	23,178	124,831	56,880
Missouri	221,559	333,524	220,262	317,169	11,120	16,365	109,298	40,481
North Dakota	63,600	106,258	63,149	99,500	5,510	6,750	53,983	34,795
South Dakota	64,871	109,644	64,540	103,464	4,873	6,180	47,027	20,351
Nebraska	107,690	197,757	107,260	184,705	9,579	13,052	69,369	32,143
Kansas	130,069	214,688	129,320	203,291	8,210	11,397	86,399	37,410
<b>South Atlantic</b>	<b>890,082</b>	<b>1,444,094</b>	<b>881,721</b>	<b>1,322,169</b>	<b>52,748</b>	<b>121,955</b>	<b>483,650</b>	<b>215,693</b>
Delaware	8,390	14,456	8,299	12,191	1,105	2,265	4,963	5,191
Maryland	34,785	64,821	33,761	51,761	7,778	13,060	25,438	23,333
District of Columbia	36	208	34	39	17	169	21	273
Virginia	140,887	209,569	139,027	191,585	9,372	17,974	76,946	34,726
West Virginia	74,931	113,496	74,527	109,732	2,096	3,760	37,216	8,660
North Carolina	261,954	395,909	259,783	381,183	8,923	14,726	152,173	41,458
South Carolina	134,938	231,749	133,735	207,395	7,145	14,354	64,962	22,168
Georgia	192,036	314,143	190,604	294,486	9,240	19,657	90,605	31,470
Florida	62,125	109,751	51,083	73,737	7,072	36,014	31,306	48,516
<b>East South Central</b>	<b>816,631</b>	<b>1,261,054</b>	<b>813,038</b>	<b>1,214,619</b>	<b>25,457</b>	<b>46,235</b>	<b>300,797</b>	<b>87,427</b>
Kentucky	214,380	317,876	213,118	301,352	9,985	16,524	93,788	27,921
Tennessee	207,118	307,459	206,321	296,292	6,722	11,167	84,090	18,596
Alabama	168,383	293,539	167,523	281,958	5,733	11,581	67,728	17,672
Mississippi	206,752	342,180	206,076	335,217	3,017	6,963	56,153	23,335
<b>West South Central</b>	<b>774,141</b>	<b>1,289,232</b>	<b>768,235</b>	<b>1,147,839</b>	<b>41,549</b>	<b>91,393</b>	<b>378,724</b>	<b>158,122</b>
Arkansas	169,672	260,384	168,866	251,528	4,694	8,856	61,949	35,226
Louisiana	112,896	184,847	112,136	165,893	5,633	18,954	42,024	30,102
Oklahoma	149,185	233,890	148,574	223,858	6,562	10,032	81,970	38,237
Texas	342,388	660,111	338,629	506,560	26,970	53,551	192,781	164,555
<b>Mountain</b>	<b>187,796</b>	<b>325,299</b>	<b>185,337</b>	<b>273,271</b>	<b>22,382</b>	<b>52,028</b>	<b>132,587</b>	<b>162,852</b>
Montana	34,010	59,629	33,534	49,387	5,677	10,242	25,332	27,451
Idaho	30,677	57,282	30,284	52,267	2,865	5,015	28,836	29,415
Wyoming	12,106	22,739	11,900	17,683	2,132	5,054	8,677	14,095
Colorado	42,327	73,793	41,775	64,046	5,204	9,747	30,689	36,761
New Mexico	27,068	50,256	26,764	43,146	2,992	7,110	14,035	14,815
Arizona	10,853	23,022	10,544	13,876	2,179	9,147	6,284	23,082
Utah	21,779	31,893	21,531	28,600	1,542	3,293	16,790	12,774
Nevada	8,076	6,085	3,905	4,265	761	2,420	2,044	6,459
<b>Pacific</b>	<b>229,606</b>	<b>431,869</b>	<b>234,187</b>	<b>312,435</b>	<b>37,000</b>	<b>119,434</b>	<b>164,272</b>	<b>461,440</b>
Washington	67,493	100,070	66,916	89,758	4,935	10,282	41,805	61,227
Oregon	53,524	80,606	53,127	71,781	3,946	8,826	32,790	38,216
California	118,588	251,193	114,145	150,896	28,127	100,327	89,687	301,967

Source: Department of Commerce, Bureau of the Census, 1945 Census of Agriculture, Vol. II.

**No. 672.—PART-TIME WORK OFF FARMS—OPERATORS REPORTING, BY NUMBER OF DAYS WORKED, BY STATES 1939 AND 1944**

DIVISION AND STATE	ALL FARM OPERATORS		NUMBER REPORTING DAYS WORKED OFF FARM FOR PAY OR INCOME							
	1940 (Apr. 1)	1945 (Jan. 1)	Total		Under 50 days		50 to 99 days		100 days and over	
			1939	1944	1939	1944	1939	1944	1939	1944
<b>United States</b> .....	6,096,799	5,859,169	1,747,193	1,670,357	543,714	312,832	259,899	178,471	943,581	1,079,084
<b>New England</b> .....	135,190	150,311	54,865	62,908	9,690	3,954	6,485	3,184	40,887	55,758
Maine.....	38,980	42,194	18,038	18,746	3,988	1,714	2,400	1,374	11,581	15,658
New Hampshire.....	10,554	18,785	7,756	8,794	1,267	705	905	542	6,584	7,457
Vermont.....	23,582	26,490	9,605	8,034	2,449	906	1,276	523	5,780	6,606
Massachusetts.....	31,897	37,007	12,778	16,815	1,098	314	1,071	456	10,606	16,045
Rhode Island.....	3,014	3,603	1,004	1,421	89	35	109	48	806	1,341
Connecticut.....	21,163	22,241	7,784	9,098	799	208	658	244	6,327	8,651
<b>Middle Atlantic</b> .....	348,300	347,477	117,224	123,919	26,425	11,649	14,226	8,178	76,673	104,992
New York.....	153,238	149,490	46,934	46,817	11,502	4,540	5,063	3,280	29,769	39,997
New Jersey.....	25,635	26,226	6,422	7,263	992	478	677	408	4,753	6,379
Pennsylvania.....	109,027	171,761	63,868	69,837	13,931	6,631	7,686	4,490	42,051	58,716
<b>East North Central</b> .....	1,005,005	953,797	293,507	278,697	84,733	58,478	36,440	27,114	172,334	183,085
Ohio.....	233,783	220,575	75,106	74,659	17,009	10,664	8,193	5,483	49,504	58,462
Indiana.....	184,549	175,970	57,524	56,644	14,185	10,042	7,114	4,919	36,225	41,683
Illinois.....	213,439	204,239	55,181	48,740	20,829	15,936	7,238	5,182	27,114	27,600
Michigan.....	197,589	175,268	60,468	60,133	12,815	8,087	7,861	6,105	39,792	45,941
Wisconsin.....	186,735	177,745	45,228	38,421	19,895	13,707	6,034	5,425	19,290	19,289
<b>West North Central</b> .....	1,090,574	1,031,993	268,455	185,688	130,585	73,971	36,196	21,407	101,764	90,210
Minnesota.....	107,351	189,952	47,450	37,500	21,820	15,164	8,070	4,309	19,569	17,967
Iowa.....	213,318	208,934	38,118	29,039	19,608	14,164	4,030	3,011	13,520	11,664
Missouri.....	256,100	242,934	71,274	55,009	23,064	13,043	10,592	6,094	37,598	35,273
North Dakota.....	73,962	69,520	16,142	8,890	10,286	5,667	2,016	1,041	3,540	2,192
South Dakota.....	72,454	68,705	15,401	7,823	9,464	4,271	1,914	1,014	4,023	2,638
Nebraska.....	121,062	111,766	31,889	18,201	20,445	10,565	4,084	2,133	7,369	5,590
Kansas.....	156,327	141,192	48,173	29,126	25,808	11,094	6,500	3,145	18,865	14,887
<b>South Atlantic</b> .....	1,019,461	1,043,475	291,572	268,224	65,751	39,690	44,319	29,152	181,502	190,382
Delaware.....	8,904	9,296	1,940	1,748	456	195	275	136	1,209	1,423
Maryland.....	42,110	41,275	12,291	12,307	2,132	1,401	1,486	990	8,673	9,916
District of Columbia.....	45	40	8	4	1	1	1	1	8	4
Virginia.....	174,885	173,061	61,955	59,719	10,878	6,691	7,726	4,609	43,351	43,419
West Virginia.....	99,282	97,600	45,866	45,337	6,067	3,562	6,247	2,916	33,352	38,899
North Carolina.....	278,276	287,412	69,068	55,212	17,251	9,928	11,401	7,154	40,416	38,100
South Carolina.....	137,558	147,745	32,065	32,827	8,077	5,894	5,821	5,511	18,167	21,152
Georgia.....	216,033	225,897	48,040	43,957	17,414	10,323	8,532	6,343	22,094	27,291
Florida.....	62,248	61,159	20,519	17,413	3,455	1,706	2,830	1,460	14,234	14,238
<b>East South Central</b> .....	1,023,349	969,829	276,283	232,417	92,335	50,663	48,991	36,331	134,957	145,423
Kentucky.....	252,894	238,501	79,405	59,974	19,650	8,692	13,965	6,956	45,790	44,326
Tennessee.....	247,617	234,431	76,932	60,319	21,436	11,057	12,439	7,282	43,057	42,000
Alabama.....	231,746	223,369	56,388	62,944	23,318	13,342	9,531	10,560	23,590	39,042
Mississippi.....	291,092	263,528	63,558	49,180	27,931	17,572	13,056	11,553	22,571	20,056
<b>West South Central</b> .....	944,370	877,831	257,742	244,090	90,331	50,581	46,048	36,001	121,363	157,196
Arkansas.....	216,674	198,709	60,941	57,510	22,320	14,876	11,622	11,146	26,999	31,488
Louisiana.....	150,007	129,295	34,890	31,727	13,710	7,499	6,893	6,886	14,287	17,342
Oklahoma.....	179,687	164,790	52,940	48,807	20,546	11,543	9,718	5,847	22,676	32,217
Texas.....	418,002	384,977	108,971	105,236	33,755	16,963	17,815	12,122	57,401	76,151
<b>Mountain</b> .....	233,497	212,627	77,533	64,657	23,362	13,225	13,867	9,085	40,314	41,747
Montana.....	41,823	37,747	13,042	8,148	4,359	2,104	2,447	1,284	6,290	4,700
Idaho.....	43,663	41,498	15,594	12,769	5,880	3,278	2,596	1,961	7,418	7,530
Wyoming.....	15,914	13,076	4,586	3,237	1,627	926	808	534	2,151	1,777
Colorado.....	51,436	47,618	15,540	11,828	5,371	3,312	2,715	1,740	7,454	6,776
New Mexico.....	34,105	29,098	10,830	9,426	2,171	1,221	2,129	1,472	6,530	6,742
Arizona.....	18,668	13,142	5,847	5,063	902	270	978	341	3,767	4,439
Utah.....	25,411	26,322	11,157	12,524	3,089	1,905	1,966	1,607	6,102	9,012
Nevada.....	3,573	3,429	1,187	1,066	263	209	218	149	656	711
<b>Pacific</b> .....	276,173	261,929	106,012	110,567	28,502	10,309	13,423	8,019	74,087	92,219
Washington.....	81,686	79,887	37,250	39,305	6,825	4,021	4,334	2,603	26,100	32,632
Oregon.....	61,829	63,125	27,802	29,331	7,061	3,263	3,752	2,392	16,949	23,678
California.....	132,658	138,917	42,961	41,928	6,616	3,025	5,337	3,022	20,998	25,881

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

**No. 678.—FARM INCOME—ESTIMATED GROSS FARM INCOME, EXPENSES OF AGRICULTURAL PRODUCTION, AND NET FARM INCOME TO PERSONS ON FARMS FROM FARMING: 1910 TO 1946**

[In millions of dollars]

YEAR	Gross farm income <sup>1</sup>	Total expenses of agricultural production <sup>2</sup>	Net income of farm operators from current operations	Adjustment for inventory changes	Farm wages to laborers on farms <sup>3</sup>	Net income to persons on farms from farming
1910.....	7,352	3,599	3,753	+151	546	4,450
1911.....	7,081	3,646	3,435	-67	547	3,915
1912.....	7,561	3,890	3,671	+96	568	4,335
1913.....	7,821	4,035	3,786	+26	575	4,387
1914.....	7,638	4,120	3,518	+426	572	4,516
1915.....	7,968	4,223	3,745	+73	577	4,395
1916.....	9,532	4,845	4,687	-266	634	5,055
1917.....	13,147	6,136	7,011	+521	797	8,329
1918.....	16,232	7,558	8,674	+39	947	9,660
1919.....	17,710	8,461	9,249	-450	1,078	9,877
1920.....	15,908	9,130	6,778	+348	1,242	8,368
1921.....	10,478	6,875	3,603	-613	805	3,795
1922.....	10,883	6,826	4,057	+18	775	4,850
1923.....	11,967	7,125	4,842	-75	841	5,608
1924.....	12,623	7,495	5,128	-412	844	5,560
1925.....	13,567	7,464	6,103	-93	856	6,866
1926.....	13,204	7,505	5,699	+25	893	6,617
1927.....	13,251	7,545	5,706	-259	867	6,314
1928.....	13,550	7,855	5,695	+136	856	6,687
1929.....	13,824	7,780	6,044	-166	863	6,741
1930.....	11,388	7,059	4,329	+11	774	5,114
1931.....	8,378	5,634	2,744	+150	588	3,482
1932.....	6,406	4,574	1,832	+40	413	2,285
EXCLUDING GOVERNMENT PAYMENTS						
1933.....	6,924	4,355	2,569	-56	368	2,881
1934.....	8,040	4,678	3,362	-660	432	3,134
1935.....	9,022	5,036	3,986	+38	530	4,554
1936.....	10,356	5,544	4,812	-331	630	5,111
1937.....	10,898	6,073	4,825	+213	741	5,779
1938.....	9,589	5,674	3,915	+5	709	4,629
1939.....	9,740	5,986	3,754	+107	696	4,557
1940.....	10,244	6,373	3,871	+96	724	4,691
1941.....	13,308	7,348	5,960	+374	875	7,209
1942.....	17,872	9,273	8,599	+928	1,149	10,676
1943.....	22,363	10,766	11,597	+536	1,415	13,548
1944.....	23,383	11,699	11,684	-402	1,534	12,816
1945.....	24,663	12,813	11,850	-439	1,614	13,025
1946.....	28,133	13,957	14,176	-19	1,779	15,936
INCLUDING GOVERNMENT PAYMENTS						
1933.....	7,055	4,374	2,681	-56	368	2,993
1934.....	8,486	4,727	3,759	-660	432	3,531
1935.....	9,595	5,111	4,484	+38	530	5,052
1936.....	10,643	5,581	5,062	-331	630	5,361
1937.....	11,265	6,126	5,139	+213	741	6,093
1938.....	10,071	5,744	4,327	+5	709	5,041
1939.....	10,547	6,088	4,459	+107	696	5,262
1940.....	11,010	6,469	4,541	+96	724	5,361
1941.....	13,894	7,420	6,474	+374	875	7,723
1942.....	18,569	9,360	9,209	+928	1,149	11,286
1943.....	23,035	10,848	12,187	+536	1,415	14,138
1944.....	24,187	11,788	12,399	-402	1,534	13,531
1945.....	25,432	12,896	12,536	-439	1,614	13,711
1946.....	28,933	14,044	14,889	-19	1,779	16,649

<sup>1</sup> For items comprising gross income, see table 674.

<sup>2</sup> Farm mortgage interest, cash wages and perquisites to hired labor, net rent to nonfarm landlords, cost of seed goods and services annually used in production, and estimates of depreciation or maintenance of durable implements, equipment, and buildings (including service buildings and dwellings).

<sup>3</sup> Includes cash wages and value of food, fuel, and lodging furnished. Excludes wages or other income farm laborer receives from nonfarm sources.

Source: Department of Agriculture, Bureau of Agricultural Economics; 1910-39, Net Farm Income and Parity Report, 1943; 1940-46, The Farm Income Situation, June-July 1947.

**No. 674.—FARM INCOME—GROSS INCOME, ESTIMATED CASH RECEIPTS, AND GOVERNMENT PAYMENTS: 1910 TO 1946**

[In millions of dollars]

YEAR	Gross income	CASH RECEIPTS				Value of home consumption	Rental value of dwellings
		Total	Crops	Livestock and products	Government payments		
1910.....	7,352	5,793	2,950	2,843	.....	1,177	382
1911.....	7,081	5,596	2,925	2,671	.....	1,092	393
1912.....	7,561	6,017	3,111	2,906	.....	1,140	404
1913.....	7,821	6,248	3,095	3,153	.....	1,153	420
1914.....	7,638	6,050	2,920	3,130	.....	1,161	427
1915.....	7,968	6,403	3,280	3,123	.....	1,131	434
1916.....	9,532	7,750	4,043	3,707	.....	1,309	473
1917.....	13,147	10,746	5,660	5,086	.....	1,861	540
1918.....	16,232	13,461	6,985	6,476	.....	2,153	618
1919.....	17,710	14,602	7,674	6,928	.....	2,395	713
1920.....	15,908	12,608	6,654	5,954	.....	2,406	894
1921.....	10,478	8,150	4,199	3,951	.....	1,568	760
1922.....	10,883	8,594	4,321	4,273	.....	1,555	734
1923.....	11,967	9,563	4,885	4,678	.....	1,623	781
1924.....	12,623	10,221	5,415	4,806	.....	1,622	780
1925.....	13,567	10,995	5,526	5,469	.....	1,781	791
1926.....	13,204	10,564	4,889	5,675	.....	1,837	803
1927.....	13,251	10,756	5,157	5,599	.....	1,695	800
1928.....	13,550	11,072	5,044	6,028	.....	1,667	811
1929.....	13,824	11,296	5,125	6,171	.....	1,699	829
1930.....	11,388	9,021	3,840	5,181	.....	1,537	830
1931.....	8,378	6,371	2,536	3,835	.....	1,253	754
1932.....	6,406	4,743	1,997	2,746	.....	1,008	655
1933.....	7,055	5,445	2,473	2,841	131	1,023	587
1934.....	8,486	6,780	3,004	3,330	446	1,090	616
1935.....	9,595	7,659	2,978	4,108	573	1,320	616
1936.....	10,643	8,654	3,651	4,716	287	1,374	615
1937.....	11,265	9,217	3,948	4,902	367	1,410	638
1938.....	10,071	8,168	3,190	4,496	482	1,283	620
1939.....	10,547	8,684	3,366	4,511	807	1,244	619
1940.....	11,010	9,132	3,471	4,895	766	1,254	624
1941.....	13,894	11,776	4,716	6,474	586	1,460	658
1942.....	18,569	16,086	6,331	9,058	697	1,781	702
1943.....	23,035	20,131	7,990	11,479	672	2,149	755
1944.....	24,187	21,175	9,038	11,333	804	2,192	820
1945.....	25,432	22,286	9,538	11,979	769	2,257	889
1946.....	28,933	25,319	10,851	13,668	800	2,636	978

Source: Department of Agriculture, Bureau of Agricultural Economics; 1910-39, Net Farm Income and Parity Report, 1943; 1940-46, The Farm Income Situation, June-July 1947.



**No. 675.—FARM INCOME—ESTIMATED CASH RECEIPTS FROM CROPS, BY GROUPS OF COMMODITIES: 1925 TO 1946**

[In millions of dollars]

YEAR	Total	Cotton and cotton-seed	Tobacco	Food grains <sup>1</sup>	Oil-bearing crops <sup>2</sup>	Feed grains and hay	Vegetables	Fruits and tree nuts	Sugar crops	Other crops <sup>3</sup>
1925.....	5,526	1,762	260	915	88	773	684	589	80	375
1926.....	4,889	1,222	240	908	65	664	731	607	80	372
1927.....	5,157	1,500	246	974	87	660	664	590	84	352
1928.....	5,044	1,453	247	838	84	748	629	621	78	346
1929.....	5,125	1,512	279	790	85	706	710	620	81	342
1930.....	3,840	824	244	499	72	553	685	561	90	312
1931.....	2,536	497	157	298	39	298	488	457	72	230
1932.....	1,997	461	115	220	31	235	358	327	68	182
1933.....	2,473	577	157	337	32	302	446	346	80	196
1934.....	3,004	863	236	350	51	332	498	394	62	218
1935.....	2,978	712	242	417	66	286	502	443	73	237
1936.....	3,651	905	243	499	73	451	656	462	89	273
1937.....	3,948	883	321	659	82	435	648	546	83	291
1938.....	3,190	647	294	445	92	418	533	405	87	269
1939.....	3,366	627	271	475	112	477	589	443	80	292
1940.....	3,471	647	242	479	127	572	591	442	79	292
1941.....	4,716	1,046	321	756	232	594	730	613	92	332
1942.....	6,331	1,237	476	942	433	799	1,087	826	128	403
1943.....	7,980	1,314	539	961	654	1,122	1,579	1,222	108	481
1944.....	9,038	1,497	688	1,328	591	1,194	1,567	1,501	133	539
1945.....	9,538	1,199	898	1,525	610	1,431	1,668	1,497	156	554
1946.....	10,851	1,496	954	1,677	720	1,661	1,746	1,752	191	654

<sup>1</sup> Wheat, rye, rice, buckwheat.

<sup>2</sup> Flaxseed, soybeans, peanuts.

<sup>3</sup> Greenhouse and nursery products, legume and grass seeds, hemp, hops, peppermint, spearmint, broomcorn, popcorn, and forest products.

Source: Department of Agriculture, Bureau of Agricultural Economics; 1925-39, published in Net Farm Income and Parity Report, 1943; 1940-46, The Farm Income Situation, June-July 1947.

**No. 676.—FARM INCOME—ESTIMATED CASH RECEIPTS FROM LIVESTOCK AND PRODUCTS: 1925 TO 1946**

[In millions of dollars]

YEAR	Total	Hogs	Cattle and calves	Sheep and lambs	Wool	Dairy products	Poultry and eggs	Other <sup>1</sup>
1925.....	5,469	1,318	1,252	207	100	1,515	1,038	39
1926.....	5,675	1,407	1,271	205	92	1,566	1,093	41
1927.....	5,599	1,237	1,336	197	88	1,685	1,017	39
1928.....	6,028	1,218	1,556	221	114	1,756	1,121	42
1929.....	6,171	1,297	1,495	224	99	1,838	1,181	37
1930.....	5,181	1,136	1,184	161	69	1,607	998	26
1931.....	3,835	774	838	130	51	1,277	746	19
1932.....	2,746	445	621	93	30	986	558	13
1933.....	2,841	524	600	104	77	1,004	514	18
1934.....	3,330	521	815	131	81	1,146	614	22
1935.....	4,108	682	1,062	152	70	1,310	799	33
1936.....	4,716	991	1,114	165	95	1,478	828	45
1937.....	4,902	925	1,239	186	114	1,525	862	51
1938.....	4,496	870	1,162	157	69	1,388	803	47
1939.....	4,511	810	1,290	172	81	1,346	767	45
1940.....	4,895	836	1,381	180	106	1,520	827	45
1941.....	6,474	1,301	1,718	227	138	1,899	1,141	50
1942.....	9,058	2,191	2,293	307	156	2,336	1,723	52
1943.....	11,479	2,942	2,581	342	158	2,807	2,570	79
1944.....	11,333	2,813	2,604	303	144	2,938	2,455	76
1945.....	11,979	2,298	3,290	319	129	3,063	2,785	95
1946.....	13,668	2,972	3,715	355	118	3,716	2,682	110

<sup>1</sup> Mohair, horses, mules, honey, and (for 1944-46) bees and beeswax.

Source: Department of Agriculture, Bureau of Agricultural Economics; 1925-39, published in Net Farm Income and Parity Report, 1943; 1940-46, the Farm Income Situation, June-July 1947.

# No. 677.—CASH RECEIPTS FROM FARM MARKETINGS AND GOVERNMENT PAYMENTS, BY STATES: 1946

[In millions of dollars. Figures are preliminary estimates]

DIVISION AND STATE	Total	Crops	Live-stock	Gov-ernment pay-ments	DIVISION AND STATE	Total	Crops	Live-stock	Gov-ernment pay-ments
<b>United States</b> .....	<b>25,322.9</b>	<b>10,854.6</b>	<b>13,668.4</b>	<b>799.9</b>	<b>S. Atlantic—Con.</b>				
<b>New England</b> .....	<b>635.3</b>	<b>243.4</b>	<b>369.4</b>	<b>22.5</b>	Virginia.....	371.0	181.8	178.8	10.4
Maine.....	154.0	97.5	53.1	3.4	West Virginia.....	114.5	31.0	79.2	4.3
New Hampshire.....	52.0	9.1	41.1	1.8	North Carolina.....	764.4	633.4	119.8	11.2
Vermont.....	102.3	14.7	80.0	7.6	South Carolina.....	320.7	257.2	59.3	4.2
Massachusetts.....	176.8	66.9	105.0	4.9	Georgia.....	416.4	288.3	119.8	8.3
Rhode Island.....	19.7	5.7	13.2	.8	Florida.....	418.9	332.8	80.3	5.8
Connecticut.....	130.5	49.5	77.0	4.0	<b>East South Central</b> .....	<b>1,498.4</b>	<b>849.4</b>	<b>600.2</b>	<b>48.8</b>
<b>Middle Atlantic</b> .....	<b>1,714.4</b>	<b>515.1</b>	<b>1,121.5</b>	<b>77.8</b>	Kentucky.....	456.0	217.8	221.6	16.6
New York.....	785.1	232.6	509.3	43.2	Tennessee.....	413.8	217.5	182.1	14.2
New Jersey.....	252.5	107.4	138.4	6.7	Alabama.....	314.5	206.2	100.8	7.5
Pennsylvania.....	676.8	175.1	473.8	27.9	Mississippi.....	314.1	207.9	95.7	10.5
<b>East North Central</b> .....	<b>4,904.3</b>	<b>1,406.6</b>	<b>3,312.2</b>	<b>185.5</b>	<b>West South Central</b> .....	<b>2,639.4</b>	<b>1,399.3</b>	<b>1,162.4</b>	<b>77.7</b>
Ohio.....	885.9	252.4	605.4	28.1	Arkansas.....	445.9	314.1	124.4	7.4
Indiana.....	869.6	243.8	603.2	22.6	Louisiana.....	263.1	168.7	82.1	12.3
Illinois.....	1,481.2	557.0	887.7	36.5	Oklahoma.....	502.5	208.7	276.1	17.7
Michigan.....	664.3	235.4	399.1	29.8	Texas.....	1,427.9	707.8	679.8	40.3
Wisconsin.....	1,003.3	118.0	816.8	68.5	<b>Mountain</b> .....	<b>1,633.7</b>	<b>711.4</b>	<b>862.7</b>	<b>59.6</b>
<b>West North Central</b> .....	<b>6,602.0</b>	<b>1,917.2</b>	<b>4,476.4</b>	<b>208.4</b>	Montana.....	315.7	144.0	159.4	12.3
Minnesota.....	1,107.9	243.6	811.3	53.0	Idaho.....	295.4	164.1	120.6	10.7
Iowa.....	1,796.3	310.2	1,439.6	46.5	Wyoming.....	123.6	29.5	89.3	4.8
Missouri.....	893.2	187.4	679.7	26.1	Colorado.....	406.7	167.0	222.2	17.5
North Dakota.....	519.8	318.0	180.6	21.2	New Mexico.....	150.6	53.9	92.5	4.2
South Dakota.....	514.0	185.3	312.9	15.8	Arizona.....	172.8	111.5	58.1	3.2
Nebraska.....	874.0	285.8	563.6	24.6	Utah.....	135.7	35.8	93.8	6.1
Kansas.....	896.8	386.9	488.7	21.2	Nevada.....	33.2	5.6	26.8	.8
<b>South Atlantic</b> .....	<b>2,698.9</b>	<b>1,809.7</b>	<b>837.3</b>	<b>51.9</b>	<b>Pacific</b> .....	<b>2,996.5</b>	<b>2,002.5</b>	<b>926.3</b>	<b>67.7</b>
Delaware.....	86.1	15.5	69.2	1.4	Washington.....	524.5	345.4	166.9	12.2
Maryland.....	206.9	69.7	130.9	6.3	Oregon.....	350.1	190.8	150.2	9.1
					California.....	2,121.9	1,466.3	609.2	46.4

Source: Department of Agriculture, Bureau of Agricultural Economics; published in the Farm Income Situation.

# No. 678.—FARM INCOME AND EXPENDITURES—ESTIMATED NET CASH AVAILABLE TO PERSONS ON FARMS AFTER FARM EXPENDITURES: 1925 TO 1946

[In millions of dollars]

YEAR	Cash re-ceipts	Total cash ex-penditures <sup>1</sup>	Current operating expenses	Expendi-tures on buildings and ma-chinery	Mortgage interest payable	Taxes levied	Cash wages to laborers not on farms	Rent to landlords not on farms <sup>1</sup>	Net cash available to persons on farms <sup>2</sup>
1925.....	10,995	6,562	3,147	1,231	612	580	327	665	4,433
1926.....	10,564	6,573	3,150	1,250	598	590	367	618	3,991
1927.....	10,756	6,684	3,128	1,297	593	611	349	706	4,072
1928.....	11,072	7,022	3,451	1,321	590	626	348	686	4,050
1929.....	11,296	6,992	3,328	1,414	582	641	355	672	4,304
1930.....	9,021	6,040	2,962	1,044	572	638	302	522	2,981
1931.....	6,371	4,554	2,280	600	559	581	214	320	1,817
1932.....	4,743	3,539	1,835	300	534	504	139	227	1,204
1933.....	5,445	3,550	1,836	377	472	434	116	315	1,895
1934.....	6,780	4,032	2,037	596	430	420	140	409	2,748
1935.....	7,659	4,595	2,183	917	396	431	177	491	3,064
1936.....	8,654	5,097	2,433	1,116	364	436	216	532	3,557
1937.....	9,217	5,655	2,749	1,347	341	448	260	510	3,562
1938.....	8,168	5,076	2,474	1,126	320	444	254	458	3,092
1939.....	8,684	5,492	2,759	1,224	305	452	250	502	3,192
1940.....	9,132	5,929	3,154	1,316	293	446	260	460	3,203
1941.....	11,776	6,906	3,550	1,723	286	457	323	656	4,781
1942.....	16,086	8,314	4,634	1,554	273	461	428	964	7,772
1943.....	20,131	9,112	5,409	1,312	247	472	537	1,135	11,019
1944.....	21,175	10,024	5,812	1,696	236	495	501	1,194	11,151
1945.....	22,286	10,916	6,553	1,765	228	554	623	1,193	11,370
1946.....	25,319	12,582	7,198	2,596	228	617	688	1,255	12,737

<sup>1</sup> Including Government payments.

<sup>2</sup> After farm expenditures.

Source: Department of Agriculture, Bureau of Agricultural Economics; 1925-39, published in Net Farm Income and Parity Report, 1943; 1940-46, The Farm Income Situation, June-July 1947.

**No. 679.—FARMS—NUMBER AND PERCENT DISTRIBUTION, BY TYPE: 1940 AND 1945**

[For 1940, farms were classified by type on basis of major (single largest) source of income in 1939. For 1945 (value refers to calendar year 1944), farms with value of products used by farm household exceeding total value of all farm products sold were classified as subsistence farms. All others were classified by type of product representing more than 50 percent of total sales; if no one source of income represented more than 50 percent of total sales, the farm was classified as "General"]

TYPE OF FARM	1940 TYPE CLASSIFICATION (Census of 1940)		1945 TYPE CLASSIFICATION				
	Number of farms	Percent distribution	Number of farms		Percent distribution		Coefficient of variation of 1940 estimates <sup>1</sup> (percent)
			Census of 1940 <sup>1</sup>	Census of 1945	Census of 1940 <sup>1</sup>	Census of 1945	
All farms.....	5,096,799	100.0	5,096,799	5,859,169	100.0	100.0	
Farms with no farm products sold or used <sup>2</sup> .....	88,502	1.5	88,502	98,673	1.5	1.7	---
Farms, unclassified <sup>3</sup> .....	39,542	.8	39,542	7,568	.8	.1	---
All classified farms.....	5,068,755	97.9	5,068,755	5,752,908	97.9	98.2	---
Farms producing products primarily for sale.....	4,028,026	66.0	4,456,889	4,463,702	73.1	75.2	(*)
Fruit-and-nut farms.....	133,685	2.3	120,966	133,577	2.1	2.3	1
Vegetable farms.....	80,116	1.3	72,562	92,178	1.2	1.6	1
Horticultural specialty farms.....	18,950	.3	18,626	15,954	.2	.3	1
All-other-crop (field crop) farms.....	2,186,986	38.9	2,071,326	1,962,637	34.0	31.8	(*)
Dairy farms.....	619,006	10.2	509,006	558,609	8.3	9.5	1
Poultry farms.....	217,570	3.6	191,436	274,504	3.1	4.7	1
Livestock farms.....	746,413	12.2	653,281	806,320	10.7	13.8	(*)
Forest-products farms.....	23,300	.4	23,017	29,016	.4	.5	3
General farms.....	(*)	(*)	790,670	690,908	13.0	11.8	1
Farms producing products primarily for own household use (subsistence farms).....	1,042,729	31.0	1,511,966	1,289,206	24.6	22.0	(*)

<sup>1</sup> Based on a 2-percent sample for farms with under \$10,000 total value of farm products, plus a tabulation of all farms with \$10,000 or more total value of farm products; coefficients of variation provide information on approximate magnitudes of sampling errors. <sup>2</sup> Not classified by type.

<sup>3</sup> Not classified either by total value of farm products or by type. <sup>4</sup> 0.5 percent or less. <sup>5</sup> Not available.

**No. 680.—VALUE OF ALL FARM PRODUCTS SOLD OR USED BY FARM HOUSEHOLDS, WITH FARMS REPORTING, BY SOURCE OF INCOME: 1930, 1940, AND 1945**

[Value of farm products refers to preceding calendar year]

SOURCE OF INCOME	NUMBER OF FARMS REPORTING			VALUE OF FARM PRODUCTS SOLD OR USED BY FARM HOUSEHOLDS					
	1930	1940	1945	Total (\$1,000)			Average per farm (dollars)		
				1930	1940	1945	1930	1940	1945
All farms.....	5,288,648	6,096,799	5,859,169	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Farms with no farm products sold or used <sup>2</sup> .....	( <sup>1</sup> )	88,502	98,673						
Farms, unclassified <sup>3</sup> .....	288,768	39,542	7,568	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
All classified farms: <sup>4</sup>	5,000,882	5,968,755	5,752,908	11,011,329	7,813,645	18,108,132	1,835	1,309	3,148
All farm products sold or used.....	( <sup>1</sup> )	5,617,068	5,327,687	9,609,924	6,681,381	16,230,627	( <sup>1</sup> )	1,190	3,046
All crops sold <sup>5</sup> .....	4,923,419	4,225,175	3,702,48	4,424,481	3,094,947	7,507,597	899	733	2,028
Fruits and nuts sold.....	( <sup>1</sup> )	668,783	531,039	( <sup>1</sup> )	295,351	1,078,643	( <sup>1</sup> )	442	2,031
Vegetables sold <sup>6</sup> .....	( <sup>1</sup> )	458,011	579,579	( <sup>1</sup> )	199,526	576,593	( <sup>1</sup> )	438	995
Hort. specialties sold.....	( <sup>1</sup> )	28,774	34,690	( <sup>1</sup> )	129,843	231,259	( <sup>1</sup> )	4,495	6,666
All other crops (field crops) sold <sup>7</sup> .....	( <sup>1</sup> )	3,825,478	3,216,108	( <sup>1</sup> )	2,470,727	5,621,103	( <sup>1</sup> )	646	1,748
All livestock and livestock products sold.....	( <sup>1</sup> )	4,456,508	4,336,641	5,085,584	3,547,482	8,644,671	( <sup>1</sup> )	796	1,993
Dairy products sold.....	( <sup>1</sup> )	2,647,851	2,472,709	( <sup>1</sup> )	1,118,193	2,531,408	( <sup>1</sup> )	422	1,024
Poultry and poultry products sold.....	( <sup>1</sup> )	3,507,802	3,401,918	( <sup>1</sup> )	555,412	1,586,549	( <sup>1</sup> )	158	466
Livestock and livestock products sold (are, dairy and poultry).....	( <sup>1</sup> )	( <sup>1</sup> )	3,476,763	( <sup>1</sup> )	1,873,878	4,526,714	( <sup>1</sup> )	( <sup>1</sup> )	1,303
Forest products sold <sup>8</sup> .....	602,992	276,611	221,901	99,660	39,152	78,359	166	142	353
Farm products used by farm households <sup>9</sup> .....	5,009,680	5,755,078	5,513,730	1,401,405	1,132,063	1,877,505	250	197	341

<sup>1</sup> Not available. <sup>2</sup> Not classified by type. <sup>3</sup> Not classified either by total value of farm products or by type. Figures for 1930 include nurseries, greenhouses, and apiaries.

<sup>4</sup> Classified both by total value of farm products and by type. Figures for 1930 include farms operated in 1929 with no farm products sold or used by farm operator's family but exclude nurseries, greenhouses, and apiaries.

<sup>5</sup> Value of maple syrup and sugar included with forest products for 1940 and 1945; with crops for 1930.

<sup>6</sup> Value of Irish and sweet potatoes included with all other crops (field crops), not with vegetables.

<sup>7</sup> Figures for 1930 are for farm operator's family only.

Source of tables 679 and 680. Dept. of Commerce, Bureau of Census; 1945 Census of Agriculture, Vol. II.

**No. 681.—VALUE OF ALL FARM PRODUCTS SOLD OR USED BY FARM HOUSEHOLDS,  
WITH FARMS REPORTING, BY VALUE GROUPS: 1930, 1940, AND 1945**

[Value of farm products refers to preceding calendar year. For number of farms classified by value groups by States, see table 686]

VALUE GROUPS	NUMBER OF FARMS REPORTING			VALUE OF FARM PRODUCTS SOLD OR USED BY FARM HOUSEHOLDS					
	1930	1940	1945	Total (\$1,000)		Average per farm (dollars)		Percent of total	
				1940	1945	1940	1945	1940	1945
All farms	6,268,548	6,094,799	5,859,169	(1)	(1)	(1)	(1)	(1)	(1)
Farms unclassified <sup>1</sup>	289,766	39,542	7,588	(1)	(1)	(1)	(1)	(1)	(1)
All value groups	5,999,882	6,057,257	5,851,581	7,813,045	18,108,132	1,290	3,095	100.0	100.0
Farms with value of products sold or used by farm households	5,999,882	6,057,257	5,758,908	7,813,045	18,108,132	1,290	3,148	100.0	100.0
Under \$250	397,517	1,233,607	542,253	150,329	62,779	129	114	2.0	.3
\$0 <sup>2</sup>	(1)	88,502	98,673	(1)	(1)	(1)	(1)	(1)	(1)
\$1 to \$99	(1)	332,195	120,467	18,951	(1)	57	(1)	2	(1)
\$100 to \$249	(1)	812,810	333,113	140,377	(1)	173	(1)	1.8	(1)
\$250 to \$399	518,032	821,016	433,922	203,117	137,141	320	316	3.4	.8
\$400 to \$599	765,118	870,629	514,194	427,859	251,496	491	489	5.5	1.4
\$400 to \$499	(1)	(1)	287,666	(1)	(1)	(1)	(1)	(1)	(1)
\$500 to \$599	(1)	(1)	246,528	(1)	(1)	(1)	(1)	(1)	(1)
\$600 to \$999	1,245,684	1,053,576	780,434	817,144	610,359	776	782	10.8	3.4
\$600 to \$799	(1)	479,481	421,125	320,767	(1)	669	(1)	4.1	(1)
\$800 to \$999	(1)	574,094	359,309	496,377	(1)	665	(1)	6.4	(1)
\$1,000 to \$1,499	937,910	708,917	718,009	865,289	882,232	1,222	1,229	11.1	4.9
\$1,000 to \$1,199	(1)	(1)	316,119	(1)	(1)	(1)	(1)	(1)	(1)
\$1,200 to \$1,499	(1)	(1)	401,890	(1)	(1)	(1)	(1)	(1)	(1)
\$1,500 to \$2,499	981,163	680,101	908,624	1,305,697	1,767,681	1,921	1,945	16.7	9.6
\$1,500 to \$1,999	(1)	416,081	517,736	718,249	(1)	1,726	(1)	9.2	(1)
\$2,000 to \$2,499	(1)	264,020	390,898	588,448	(1)	2,229	(1)	7.5	(1)
\$2,500 to \$3,999	628,006	375,973	742,789	1,169,501	2,351,213	3,111	3,165	15.0	13.0
\$2,500 to \$2,999	(1)	(1)	300,373	(1)	(1)	(1)	(1)	(1)	(1)
\$3,000 to \$3,999	(1)	(1)	442,407	(1)	(1)	(1)	(1)	(1)	(1)
\$4,000 to \$5,999	291,112	165,679	514,655	796,228	2,506,711	4,806	4,876	10.2	13.8
\$4,000 to \$4,999	(1)	(1)	302,203	(1)	(1)	(1)	(1)	(1)	(1)
\$5,000 to \$5,999	(1)	(1)	211,852	(1)	(1)	(1)	(1)	(1)	(1)
\$6,000 to \$9,999	147,763	88,947	398,270	666,923	3,021,570	7,496	7,587	8.3	16.7
\$6,000 to \$7,999	(1)	(1)	257,681	(1)	(1)	(1)	(1)	(1)	(1)
\$8,000 to \$9,999	(1)	(1)	140,589	(1)	(1)	(1)	(1)	(1)	(1)
\$10,000 and over	86,587	58,313	289,040	1,340,558	6,516,949	22,989	22,547	17.2	36.0
\$10,000 to \$19,999	61,806	40,670	205,803	545,022	(1)	13,401	(1)	7.0	(1)
\$20,000 and over	24,981	17,643	83,237	795,536	4,321,421	45,001	16,361	19.2	23.9
\$20,000 to \$29,999	(1)	8,817	42,025	211,248	(1)	23,959	(1)	2.7	(1)
\$30,000 to \$39,999	(1)	3,388	16,304	115,645	(1)	34,134	(1)	1.5	(1)
\$40,000 to \$49,999	(1)	1,687	8,086	74,788	(1)	44,332	(1)	1.0	(1)
\$50,000 to \$74,999	(1)	1,899	8,459	112,975	2,195,528	59,492	68,163	1.4	12.1
\$75,000 to \$99,999	(1)	761	3,446	65,177	(1)	53,646	(1)	.8	(1)
\$100,000 and over	(1)	1,091	4,883	216,706	(1)	197,712	(1)	2.8	(1)

<sup>1</sup> Not available

<sup>2</sup> Not classified either by total value of farm products or by type. Figures for 1930 include nurseries, greenhouses, and apiaries.

<sup>3</sup> Includes "0" product farms operated in 1929; excludes "0" product farms not operated in 1929, but to be operated in 1930.

<sup>4</sup> Classified by total value of products but not classified by type.

<sup>5</sup> Figures for farms with \$600 to \$749 value of products.

<sup>6</sup> Figures for farms with \$750 to \$999 value of products.

Source: Department of Commerce, Bureau of the Census; 1946 Census of Agriculture, Vol. II.

**0. 682.—VALUE OF ALL FARM PRODUCTS SOLD OR USED BY FARM HOUSEHOLDS, WITH FARMS REPORTING, BY TYPE OF FARM AND VALUE GROUP: 1945**

[Value of farm products refers to calendar year 1944. See also headnote, table 679]

TYPE OF FARM AND VALUE GROUP	Number of farms report- ing	VALUE OF FARM PRODUCTS SOLD OR USED BY FARM HOUSEHOLDS (\$1,000)		TYPE OF FARM AND VALUE GROUP	Number of farms report- ing	VALUE OF FARM PRODUCTS SOLD OR USED BY FARM HOUSEHOLDS (\$1,000)	
		Total	Used by farm house- holds			Total	Used by farm house- holds
<b>All classified farms<sup>1</sup></b>	<b>5,752,908</b>	<b>18,108,122</b>	<b>1,877,506</b>	<b>Dairy farms</b>	<b>558,609</b>	<b>2,290,003</b>	<b>197,087</b>
Under \$250	433,580	62,779	45,708	Under \$250	4,630	776	227
\$250 to \$399	433,922	137,141	92,540	\$250 to \$399	8,190	2,088	800
\$400 to \$599	514,194	251,498	139,282	\$400 to \$599	18,199	9,110	2,738
\$600 to \$999	780,434	610,359	341,692	\$600 to \$999	45,568	36,409	9,881
\$1,000 to \$1,499	718,009	882,232	237,113	\$1,000 to \$1,499	59,665	74,414	16,480
\$1,500 to \$2,499	908,624	1,767,681	323,084	\$1,500 to \$2,499	109,218	216,706	35,515
\$2,500 to \$3,999	742,780	2,351,213	283,561	\$2,500 to \$3,999	124,755	399,112	45,810
\$4,000 to \$5,999	514,055	2,506,711	207,671	\$4,000 to \$5,999	92,609	450,978	38,011
\$6,000 to \$9,999	398,270	3,021,570	189,651	\$6,000 to \$9,999	63,146	475,216	28,937
\$10,000 and over	289,040	6,510,949	135,213	\$10,000 and over	32,629	623,504	18,659
<b>Farms producing prod- ucts primarily for sale</b>	<b>4,463,702</b>	<b>17,502,376</b>	<b>1,424,378</b>	<b>Poultry farms</b>	<b>274,544</b>	<b>969,460</b>	<b>72,584</b>
Under \$250	105,707	15,707	3,713	Under \$250	17,501	2,890	851
\$250 to \$399	122,686	39,499	9,985	\$250 to \$399	18,256	5,872	1,866
\$400 to \$599	227,838	112,888	30,624	\$400 to \$599	30,047	14,812	4,781
\$600 to \$999	540,163	428,857	111,639	\$600 to \$999	60,678	39,538	11,853
\$1,000 to \$1,499	640,601	780,159	176,857	\$1,000 to \$1,499	39,394	48,080	11,913
\$1,500 to \$2,499	884,503	1,724,708	299,036	\$1,500 to \$2,499	39,894	75,087	13,512
\$2,500 to \$3,999	740,904	2,345,702	280,243	\$2,500 to \$3,999	28,318	82,941	9,507
\$4,000 to \$5,999	513,979	2,506,354	207,452	\$4,000 to \$5,999	18,189	88,548	6,694
\$6,000 to \$9,999	398,261	3,021,561	189,614	\$6,000 to \$9,999	16,102	123,668	8,629
\$10,000 and over	289,040	6,516,949	135,213	\$10,000 and over	19,146	478,373	6,811
<b>Fruit-and-nut farms</b>	<b>133,577</b>	<b>1,076,404</b>	<b>24,758</b>	<b>Livestock farms</b>	<b>806,320</b>	<b>4,142,595</b>	<b>278,272</b>
Under \$250	6,383	870	189	Under \$250	21,267	3,208	788
\$250 to \$399	6,373	2,014	394	\$250 to \$399	22,558	7,247	1,963
\$400 to \$599	8,493	4,159	862	\$400 to \$599	37,412	18,485	5,267
\$600 to \$999	13,701	10,666	2,118	\$600 to \$999	76,340	60,202	16,417
\$1,000 to \$1,499	12,571	15,295	2,451	\$1,000 to \$1,499	81,521	100,537	23,009
\$1,500 to \$2,499	16,727	32,528	3,489	\$1,500 to \$2,499	125,100	246,603	41,546
\$2,500 to \$3,999	15,958	50,438	3,287	\$2,500 to \$3,999	133,041	426,618	49,335
\$4,000 to \$5,999	13,608	66,352	2,680	\$4,000 to \$5,999	117,247	576,713	47,757
\$6,000 to \$9,999	15,350	117,755	2,967	\$6,000 to \$9,999	106,670	813,470	47,529
\$10,000 and over	24,413	776,332	6,321	\$10,000 and over	65,184	1,890,423	44,640
<b>Vegetable farms</b>	<b>92,178</b>	<b>467,262</b>	<b>23,096</b>	<b>Forest-products farms</b>	<b>29,015</b>	<b>48,069</b>	<b>8,621</b>
Under \$250	5,057	761	184	Under \$250	2,216	318	68
\$250 to \$399	5,593	1,783	439	\$250 to \$399	2,162	868	170
\$400 to \$599	8,615	4,221	1,136	\$400 to \$599	3,116	1,532	416
\$600 to \$999	14,787	11,500	2,987	\$600 to \$999	5,563	4,366	1,261
\$1,000 to \$1,499	13,081	15,861	3,553	\$1,000 to \$1,499	5,354	6,562	1,759
\$1,500 to \$2,499	14,205	27,383	4,553	\$1,500 to \$2,499	5,533	10,613	2,310
\$2,500 to \$3,999	10,005	31,493	3,224	\$2,500 to \$3,999	2,803	8,938	1,421
\$4,000 to \$5,999	7,033	34,025	2,230	\$4,000 to \$5,999	1,300	6,244	691
\$6,000 to \$9,999	5,964	45,401	1,986	\$6,000 to \$9,999	646	4,842	276
\$10,000 and over	7,888	294,833	2,788	\$10,000 and over	243	3,933	146
<b>Horticultural-special- ty farms</b>	<b>18,984</b>	<b>232,616</b>	<b>2,678</b>	<b>General farms</b>	<b>690,908</b>	<b>2,284,223</b>	<b>257,620</b>
Under \$250	240	39	8	Under \$250	5,470	904	288
\$250 to \$399	547	174	28	\$250 to \$399	10,073	1,052	1,052
\$400 to \$599	875	428	75	\$400 to \$599	24,348	12,185	3,881
\$600 to \$999	1,243	955	175	\$600 to \$999	70,197	56,303	16,570
\$1,000 to \$1,499	1,203	1,435	186	\$1,000 to \$1,499	94,706	117,627	29,529
\$1,500 to \$2,499	1,726	3,233	287	\$1,500 to \$2,499	153,153	301,785	56,983
\$2,500 to \$3,999	1,866	5,217	287	\$2,500 to \$3,999	147,027	496,632	60,641
\$4,000 to \$5,999	1,668	8,099	268	\$4,000 to \$5,999	100,462	488,443	45,003
\$6,000 to \$9,999	1,804	13,747	329	\$6,000 to \$9,999	62,272	472,957	30,766
\$10,000 and over	4,962	199,188	1,005	\$10,000 and over	22,200	363,897	12,895
<b>All other crop (field crop) farms</b>	<b>1,962,637</b>	<b>6,000,758</b>	<b>558,683</b>	<b>Farms producing products primarily for own household use</b>	<b>1,293,206</b>	<b>605,757</b>	<b>453,130</b>
Under \$250	42,941	6,242	1,100	Under \$250	347,873	47,072	41,995
\$250 to \$399	48,934	15,724	3,273	\$250 to \$399	311,230	97,842	82,555
\$400 to \$599	96,753	47,955	11,448	\$400 to \$599	286,336	138,810	108,658
\$600 to \$999	262,090	208,828	50,377	\$600 to \$999	240,271	181,502	130,054
\$1,000 to \$1,499	333,156	410,319	87,967	\$1,000 to \$1,499	77,408	92,081	60,256
\$1,500 to \$2,499	419,947	810,795	140,838	\$1,500 to \$2,499	24,121	42,913	20,048
\$2,500 to \$3,999	279,241	874,120	106,730	\$2,500 to \$3,999	1,878	5,510	3,308
\$4,000 to \$5,999	161,885	788,951	64,110	\$4,000 to \$5,999	78	358	219
\$6,000 to \$9,999	125,308	953,445	50,894	\$6,000 to \$9,999	9	69	37
\$10,000 and over	92,376	1,886,376	41,947	\$10,000 and over			

<sup>1</sup>Excludes 96,673 farms with no farm products sold or used and 7,589 unclassified farms.  
Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

## No. 688.—FARMS—NUMBER, BY TYPE OF FARM, BY STATES: 1945

[See headnote, table 679]

DIVISION AND STATE	All class- ified farms <sup>1</sup>	Fruit and nut farms	Vege- table farms	Horti- cultural specialty farms	Field crop farms	Dairy farms	Poul- try farms	Live- stock farms	For- est prod- ucts farms	Gen- eral farms	Subsist- ence farms <sup>2</sup>
United States.....	5,752,908	133,577	92,178	15,954	1,862,637	553,809	274,504	806,320	29,815	690,908	1,285,294
New England.....	145,763	3,390	4,120	1,356	14,518	30,690	18,341	4,059	4,318	6,451	58,520
Maine.....	40,528	708	617	148	5,812	5,124	3,304	1,208	2,218	2,352	18,041
New Hampshire.....	17,889	314	161	87	804	3,194	2,707	687	671	839	8,495
Vermont.....	25,531	168	112	48	3,079	11,869	987	702	852	1,013	6,761
Massachusetts.....	36,264	1,807	2,508	678	2,368	5,563	7,231	834	488	1,568	13,223
Rhode Island.....	3,583	92	140	89	157	789	709	100	30	166	1,311
Connecticut.....	21,948	313	564	310	1,298	4,151	3,403	628	159	513	10,669
Middle Atlantic.....	339,827	10,689	12,842	3,423	21,114	101,618	41,924	15,472	1,989	33,901	93,945
New York.....	145,761	6,615	6,272	1,369	10,708	56,445	13,891	5,516	1,156	10,571	33,028
New Jersey.....	25,844	1,094	4,608	644	1,800	4,084	7,167	734	34	1,531	4,098
Pennsylvania.....	168,222	3,000	2,962	1,410	10,456	40,989	21,066	9,222	799	21,499	56,819
E. N. Central.....	937,432	13,716	14,319	3,563	130,100	219,788	49,293	175,688	2,835	193,771	134,439
Ohio.....	216,193	3,484	2,904	1,074	27,537	30,800	14,121	39,322	512	51,182	45,547
Indiana.....	172,902	875	2,538	516	19,423	15,114	11,808	53,521	350	41,200	27,557
Illinois.....	201,426	1,362	2,295	906	56,663	15,012	9,593	54,042	118	40,296	21,139
Michigan.....	171,001	7,128	4,575	731	21,071	44,831	9,374	15,016	968	38,475	30,834
Wisconsin.....	175,910	857	2,107	336	5,406	114,231	4,397	13,707	899	24,618	9,362
W. N. Central.....	1,016,763	1,789	3,439	1,309	231,328	76,475	48,801	347,515	2,009	222,249	83,971
Minnesota.....	186,604	306	990	241	17,718	38,930	9,967	42,639	1,162	60,445	14,208
Iowa.....	205,948	279	532	268	25,095	4,632	7,609	116,539	57	41,310	9,630
Missouri.....	237,697	787	1,099	325	30,766	22,671	15,902	84,344	688	37,460	43,655
North Dakota.....	69,101	9	24	33	40,034	1,075	544	8,633	38	10,390	1,321
South Dakota.....	67,723	32	70	32	19,672	916	1,781	26,468	36	16,852	1,864
Nebraska.....	110,773	72	255	92	38,566	1,681	3,625	30,193	7	23,897	3,483
Kansas.....	138,917	298	400	309	50,479	6,670	7,373	31,699	21	31,895	9,813
South Atlantic.....	1,624,768	29,060	20,968	1,767	488,365	23,668	39,963	41,419	7,397	51,199	329,332
Delaware.....	9,072	120	900	68	587	900	3,438	183	16	1,307	1,565
Maryland.....	40,481	611	3,620	201	7,638	5,793	4,972	1,869	139	5,390	10,252
Dist. of Columbia.....	40	12	11	11	2	2	6	1	1	2	6
Virginia.....	170,494	1,099	2,993	256	46,020	4,513	10,102	11,789	1,914	14,696	75,553
West Virginia.....	95,095	960	283	96	2,583	3,950	4,449	11,309	1,098	5,905	64,459
North Carolina.....	283,559	1,197	2,354	232	187,143	3,786	5,896	4,200	1,615	9,846	67,490
South Carolina.....	145,262	925	1,601	80	101,563	1,291	1,708	2,060	608	3,700	31,038
Georgia.....	221,427	2,234	2,675	262	131,817	2,468	6,900	5,836	2,243	7,331	59,674
Florida.....	59,278	12,014	6,522	564	10,414	878	2,622	4,152	264	3,151	18,097
E. S. Central.....	945,478	3,273	5,364	557	497,920	23,363	11,882	54,334	4,958	62,628	280,091
Kentucky.....	233,970	549	465	123	96,819	5,176	3,350	21,114	674	21,453	82,217
Tennessee.....	230,381	758	1,573	206	92,945	10,013	4,308	21,529	1,159	25,409	72,481
Alabama.....	220,522	1,182	1,519	134	123,466	3,352	2,363	6,157	1,621	7,890	74,038
Mississippi.....	260,597	684	2,787	84	182,690	5,822	1,861	5,534	1,504	8,076	51,356
W. S. Central.....	863,035	10,761	15,945	941	262,305	26,728	32,558	87,899	2,883	85,364	217,264
Arkansas.....	195,572	1,836	2,023	77	98,075	5,359	5,364	12,280	1,437	15,616	53,325
Louisiana.....	127,000	2,716	1,938	107	76,275	2,279	1,067	4,198	495	3,679	34,348
Oklahoma.....	162,689	736	1,149	185	60,731	7,220	4,742	19,795	156	26,519	41,456
Texas.....	377,774	5,473	9,838	572	147,824	11,867	21,385	51,848	795	39,450	88,826
Mountain.....	298,305	5,610	4,425	787	68,427	18,421	8,431	55,251	690	21,602	36,353
Montana.....	36,671	296	132	38	15,535	1,689	806	12,450	157	2,962	3,007
Idaho.....	40,710	717	319	258	15,220	6,784	932	6,502	233	5,523	4,222
Wyoming.....	12,775	21	35	36	2,898	890	241	6,505	25	1,044	1,080
Colorado.....	46,369	1,954	1,814	287	13,001	2,735	2,162	13,007	88	5,969	5,352
New Mexico.....	28,561	848	788	30	0,996	731	521	7,749	129	1,804	6,967
Arizona.....	12,479	1,146	451	42	2,455	1,087	889	2,428	57	436	2,490
Utah.....	25,844	1,615	940	86	3,572	4,194	2,638	5,126	7	3,519	3,647
Nevada.....	3,296	13	48	10	450	311	243	1,486	2	245	468
Pacific.....	273,005	63,198	9,545	2,368	32,960	37,941	25,321	24,763	1,338	12,843	60,694
Washington.....	77,672	8,098	1,782	519	9,741	14,141	6,543	6,570	443	4,633	25,225
Oregon.....	61,188	5,940	1,446	641	8,545	8,703	4,566	7,631	611	5,508	17,675
California.....	134,145	49,160	6,317	1,208	15,674	15,117	14,180	10,582	284	3,612	17,796

<sup>1</sup> Includes farms with usable reports for value of farm products sold or used by farm households; excludes 98,673 farms with no farm products sold or used and 7,868 unclassified farms.

<sup>2</sup> Farms producing products primarily for own household use.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.



**No. 684.—FARM EXPENDITURES FOR SPECIFIED PURPOSES, BY COLOR AND BY TENURE OF OPERATOR: 1929, 1939, AND 1944**

ITEM	FOR FARMS REPORTING SPECIFIED EXPENDITURES—					
	Total	By tenure			By color	
		Owners	Manag- ers	Tenants	White opera- tors	Non- white opera- tors
<b>Expenditures for labor: <sup>1</sup></b>						
Farms reporting.....1929	2, 631, 601	1, 717, 713	38, 617	875, 271	( <sup>2</sup> )	( <sup>2</sup> )
1939	2, 260, 237	1, 504, 805	27, 521	727, 911	2, 142, 903	117, 334
1944	2, 799, 026	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Amount (\$1,000).....1929	955, 420	611, 960	115, 257	228, 204	( <sup>2</sup> )	( <sup>2</sup> )
1939	781, 792	529, 550	94, 318	157, 924	764, 017	17, 774
1944	1, 861, 026	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
<b>Expenditures for feed:</b>						
Farms reporting.....1929	3, 283, 400	2, 209, 385	31, 388	1, 042, 627	( <sup>2</sup> )	( <sup>2</sup> )
1939	3, 342, 715	2, 286, 568	20, 285	1, 035, 862	3, 161, 960	180, 755
1944	4, 271, 642	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Amount (\$1,000).....1929	919, 190	665, 597	45, 908	207, 684	( <sup>2</sup> )	( <sup>2</sup> )
1939	732, 117	543, 395	32, 971	155, 751	724, 532	7, 585
1944	2, 426, 725	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
<b>Expenditures for implements and machinery: <sup>3</sup></b>						
Farms reporting.....1929	1, 750, 588	1, 121, 720	19, 524	609, 344	( <sup>2</sup> )	( <sup>2</sup> )
1939	1, 686, 609	1, 061, 769	14, 103	610, 737	1, 573, 896	112, 713
Amount (\$1,000).....1929	692, 548	473, 115	17, 311	202, 122	( <sup>2</sup> )	( <sup>2</sup> )
1939	549, 320	368, 206	13, 747	167, 367	542, 484	6, 835
<b>Expenditures for commercial fertilizer: <sup>4</sup></b>						
Farms reporting.....1929	2, 239, 546	1, 304, 177	20, 655	914, 714	( <sup>2</sup> )	( <sup>2</sup> )
1939	2, 337, 031	1, 434, 679	16, 299	886, 053	1, 938, 186	398, 845
Quantity purchased (1,000 tons).....1929	7, 535	4, 209	328	2, 998	( <sup>2</sup> )	( <sup>2</sup> )
1939	7, 004	4, 299	351	2, 354	6, 119	885
Amount (\$1,000).....1939	195, 928	120, 414	10, 266	65, 248	171, 008	24, 920
<b>Expenditures for liming material: <sup>4</sup></b>						
Farms reporting.....1939	471, 807	376, 019	6, 250	89, 538	455, 903	15, 904
Quantity purchased (1,000 tons).....1939	8, 516	6, 215	322	1, 980	8, 444	72
Amount (\$1,000).....1939	21, 674	16, 082	996	4, 597	21, 263	411
<b>Expenditures for gasoline, distillate, kerosene, and oil:</b>						
Farms reporting.....1939	2, 886, 614	1, 837, 205	22, 713	1, 026, 696	2, 709, 260	177, 354
Amount (\$1,000).....1939	323, 239	211, 933	10, 572	100, 734	318, 843	4, 396
<b>Expenditures for building materials: <sup>5</sup></b>						
Farms reporting.....1939	1, 980, 108	1, 585, 677	17, 214	377, 217	1, 922, 594	57, 514
Amount (\$1,000).....1939	305, 650	248, 374	14, 362	42, 914	301, 779	3, 872

<sup>1</sup> Exclusive of housework. Inquiry for 1939 and for 1944 specifically excluded contract construction work. No mention was made of wages for this kind of work for 1929.

<sup>2</sup> Not available.

<sup>3</sup> Inquiry specified expenditures for automobiles, tractors, and motortrucks for 1929 and 1939, and trailers for 1939.

<sup>4</sup> Includes quantities for which the farm operator reported no expenditure or expenditure for freight only.

<sup>5</sup> Includes expenditures for lumber, roofing materials, hardware, cement, paint, fencing materials, etc.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Agriculture, Vol. III, and 1945 Census of Agriculture, Vol. II.

**No. 685.—VALUE OF ALL FARM PRODUCTS SOLD OR USED BY FARM HOUSEHOLDS,  
WITH FARMS REPORTING, BY SOURCE OF INCOME, BY STATES: 1945**

[Value of farm products refers to calendar year 1944]

DIVISION AND STATE	ALL CLASSIFIED FARMS <sup>1</sup>		FRUIT AND NUTS SOLD		VEGETABLES SOLD		HORTICULTURAL SPECIALTIES SOLD		ALL OTHER CROPS (FIELD CROPS) SOLD	
	Farms reporting	Value (\$1,000)	Farms reporting	Value (\$1,000)	Farms reporting	Value (\$1,000)	Farms reporting	Value (\$1,000)	Farms reporting	Value (\$1,000)
<b>United States.....</b>	<b>5,752,908</b>	<b>15,108,132</b>	<b>631,039</b>	<b>1,078,643</b>	<b>579,579</b>	<b>576,893</b>	<b>34,690</b>	<b>231,259</b>	<b>3,216,108</b>	<b>5,621,383</b>
<b>New England.....</b>	<b>145,763</b>	<b>473,429</b>	<b>14,557</b>	<b>17,802</b>	<b>19,813</b>	<b>20,546</b>	<b>2,354</b>	<b>19,201</b>	<b>42,768</b>	<b>22,771</b>
Maine.....	40,528	110,309	4,181	2,000	6,161	3,262	275	1,300	13,822	50,994
New Hampshire.....	17,859	44,706	1,722	1,651	1,674	811	183	1,255	4,101	1,628
Vermont.....	25,581	79,753	1,174	1,473	1,302	354	95	304	9,710	3,551
Massachusetts.....	36,264	125,546	5,396	9,854	7,586	12,067	1,193	8,729	2,755	10,296
Rhode Island.....	3,583	10,042	504	390	696	841	130	1,229	849	1,667
Connecticut.....	21,948	97,073	1,580	2,433	2,294	3,231	468	5,384	4,581	25,235
<b>Middle Atlantic.....</b>	<b>339,827</b>	<b>1,179,896</b>	<b>47,810</b>	<b>65,276</b>	<b>66,058</b>	<b>89,425</b>	<b>5,889</b>	<b>49,782</b>	<b>111,043</b>	<b>117,641</b>
New York.....	145,761	560,360	20,020	35,755	27,176	40,889	2,262	20,730	47,853	49,755
New Jersey.....	25,844	173,389	3,590	10,577	10,996	29,680	898	10,512	7,066	18,621
Pennsylvania.....	168,222	456,147	24,200	18,944	28,786	18,856	2,699	18,541	56,124	49,266
<b>E. N. Central.....</b>	<b>937,432</b>	<b>3,222,381</b>	<b>68,669</b>	<b>64,063</b>	<b>112,763</b>	<b>86,147</b>	<b>7,076</b>	<b>52,345</b>	<b>446,352</b>	<b>673,334</b>
Ohio.....	216,193	592,201	20,066	11,699	17,708	15,013	1,949	15,532	102,017	120,627
Indiana.....	172,902	538,149	8,119	4,194	18,355	13,638	1,055	6,124	80,670	100,592
Illinois.....	201,426	1,014,969	9,521	9,078	11,415	13,680	1,461	17,025	124,666	354,141
Michigan.....	171,001	413,404	21,538	32,143	26,236	19,187	1,781	9,818	86,423	69,004
Wisconsin.....	175,910	663,637	9,425	6,940	39,064	18,429	831	3,846	48,576	28,970
<b>W. N. Central.....</b>	<b>1,016,763</b>	<b>4,453,780</b>	<b>22,042</b>	<b>5,899</b>	<b>34,280</b>	<b>16,874</b>	<b>2,635</b>	<b>17,313</b>	<b>579,371</b>	<b>1,272,642</b>
Minnesota.....	196,604	709,861	8,508	806	11,822	8,824	548	3,744	84,972	106,976
Iowa.....	203,948	1,232,011	5,028	637	6,371	3,306	519	4,985	114,717	216,458
Missouri.....	237,697	583,719	8,139	3,035	9,001	4,133	713	5,020	85,320	111,684
North Dakota.....	69,101	391,343	255	29	392	118	87	335	63,911	252,107
South Dakota.....	67,723	308,581	631	73	813	227	76	365	50,818	100,253
Nebraska.....	110,773	584,590	1,488	200	1,993	749	223	1,101	81,134	191,343
Kansas.....	138,917	643,670	2,908	937	3,838	1,616	469	1,762	97,509	294,623
<b>South Atlantic.....</b>	<b>1,024,708</b>	<b>2,104,216</b>	<b>119,540</b>	<b>178,096</b>	<b>150,303</b>	<b>97,964</b>	<b>5,279</b>	<b>23,384</b>	<b>646,411</b>	<b>393,145</b>
Delaware.....	9,072	64,863	675	2,161	5,290	3,068	133	908	3,778	2,877
Maryland.....	40,481	152,374	3,546	4,597	14,240	14,783	440	2,993	20,037	28,991
Dist. of Columbia.....	40	592	6	2	24	89	15	205	9	6
Virginia.....	176,494	314,601	16,630	20,164	21,209	10,780	898	3,315	77,191	90,519
West Virginia.....	95,095	100,045	12,671	7,491	5,960	1,015	435	682	16,163	4,028
North Carolina.....	283,559	592,632	22,187	7,414	31,805	8,304	960	1,951	221,974	400,796
South Carolina.....	145,262	257,761	8,706	6,143	24,068	8,267	618	759	119,835	149,638
Georgia.....	221,427	383,741	31,964	15,299	32,401	9,341	715	3,000	167,747	193,920
Florida.....	59,278	267,601	23,156	114,866	15,316	42,421	1,056	9,604	19,677	26,396
<b>E. S. Central.....</b>	<b>945,470</b>	<b>1,396,544</b>	<b>66,453</b>	<b>12,568</b>	<b>63,824</b>	<b>15,767</b>	<b>2,204</b>	<b>5,478</b>	<b>667,062</b>	<b>687,482</b>
Kentucky.....	233,970	413,682	10,528	2,040	6,160	1,775	337	1,585	138,906	192,628
Tennessee.....	230,361	323,642	12,249	3,020	18,299	4,955	770	1,833	145,993	120,751
Alabama.....	220,622	298,286	26,550	3,704	21,252	4,414	720	1,456	162,813	147,404
Mississippi.....	260,597	360,945	17,126	3,803	18,143	4,624	377	598	319,200	236,690
<b>W. S. Central.....</b>	<b>863,035</b>	<b>2,088,538</b>	<b>75,998</b>	<b>45,791</b>	<b>88,491</b>	<b>47,592</b>	<b>2,382</b>	<b>9,531</b>	<b>558,472</b>	<b>1,007,672</b>
Arkansas.....	193,672	329,904	14,340	7,167	17,342	5,188	464	787	129,373	198,672
Louisiana.....	127,000	217,065	13,833	5,641	14,979	4,966	317	577	95,091	134,966
Oklahoma.....	162,689	425,900	13,894	2,737	11,501	4,499	280	2,253	101,886	190,091
Texas.....	377,774	1,115,669	34,231	30,246	44,669	32,976	1,221	5,912	229,122	493,944
<b>Mountain.....</b>	<b>206,905</b>	<b>1,127,676</b>	<b>26,094</b>	<b>23,609</b>	<b>20,963</b>	<b>42,537</b>	<b>2,449</b>	<b>10,243</b>	<b>187,628</b>	<b>397,914</b>
Montana.....	36,871	234,613	1,325	653	1,147	589	107	529	24,114	108,464
Idaho.....	40,710	226,742	3,839	5,571	2,637	3,855	1,052	2,797	24,915	107,925
Wyoming.....	12,776	87,405	395	49	316	219	178	367	5,854	16,375
Colorado.....	48,369	262,959	4,720	7,940	5,448	10,735	717	4,584	25,366	84,771
New Mexico.....	28,561	89,293	3,323	1,746	4,333	2,905	99	246	1,456	29,579
Arizona.....	12,479	98,760	2,006	8,276	1,412	18,495	78	422	3,610	31,029
Utah.....	25,844	103,305	4,423	4,322	5,406	5,321	202	1,188	11,206	17,256
Nevada.....	3,296	24,606	269	51	263	418	16	109	1,105	2,515
<b>Pacific.....</b>	<b>273,005</b>	<b>2,061,658</b>	<b>96,874</b>	<b>660,550</b>	<b>23,284</b>	<b>165,719</b>	<b>4,451</b>	<b>44,982</b>	<b>67,051</b>	<b>471,481</b>
Washington.....	77,672	377,834	16,810	87,746	6,074	14,578	1,188	6,708	18,549	125,174
Oregon.....	61,186	267,545	15,833	81,979	4,394	15,093	1,414	5,973	19,209	76,709
California.....	134,145	1,426,279	63,731	540,825	12,816	136,048	1,869	32,801	29,303	269,608

<sup>1</sup> Excludes 98,673 farms with no farm products sold or used and 7,588 unclassified farms.

**No. 685.—VALUE OF ALL FARM PRODUCTS SOLD OR USED BY FARM HOUSEHOLDS, WITH FARMS REPORTING, BY SOURCE OF INCOME, BY STATES: 1945—Continued**

DIVISION AND STATE	DAIRY PRODUCTS SOLD		POULTRY AND POULTRY PRODUCTS SOLD		LIVESTOCK AND LIVESTOCK PRODUCTS SOLD (OTHER THAN DAIRY AND POULTRY)		FOREST PRODUCTS SOLD		PRODUCTS OF THE FARM USED BY THE FARM HOUSEHOLDS	
	Farms reporting	Value (\$1,000)	Farms reporting	Value (\$1,000)	Farms reporting	Value (\$1,000)	Farms reporting	Value (\$1,000)	Farms reporting	Value (\$1,000)
<b>United States</b>	<b>2,472,709</b>	<b>2,531,408</b>	<b>2,401,918</b>	<b>1,586,549</b>	<b>3,476,763</b>	<b>4,526,714</b>	<b>221,901</b>	<b>78,359</b>	<b>6,513,738</b>	<b>1,877,595</b>
<b>New England</b>	<b>48,425</b>	<b>144,158</b>	<b>53,448</b>	<b>95,945</b>	<b>56,590</b>	<b>21,943</b>	<b>21,528</b>	<b>11,258</b>	<b>139,629</b>	<b>48,791</b>
Maine	12,762	16,827	12,957	13,365	15,941	4,648	8,030	4,600	38,812	13,912
N. Hampshire	6,754	11,748	8,879	17,739	6,871	2,901	2,470	1,421	17,365	5,562
Vermont	14,406	49,306	8,658	5,372	14,519	8,201	6,996	3,698	23,740	9,494
Massachusetts	8,650	33,759	14,923	33,284	10,256	8,858	2,630	992	34,586	10,707
Rhode Island	1,171	6,158	1,680	3,536	1,406	900	187	83	3,516	1,238
Connecticut	5,592	26,353	8,342	22,649	7,597	3,436	1,206	465	21,610	7,898
<b>Middle Atlantic</b>	<b>161,292</b>	<b>432,048</b>	<b>190,266</b>	<b>201,600</b>	<b>194,225</b>	<b>193,054</b>	<b>17,313</b>	<b>6,237</b>	<b>330,549</b>	<b>114,833</b>
New York	77,812	244,060	89,996	69,568	87,018	39,190	10,757	3,846	140,793	46,567
New Jersey	6,077	39,824	15,241	46,287	10,238	10,003	391	136	24,929	7,749
Pennsylvania	77,403	148,164	104,967	85,745	96,909	53,860	6,165	2,255	104,827	60,517
<b>E. N. Central</b>	<b>637,836</b>	<b>783,531</b>	<b>677,969</b>	<b>276,910</b>	<b>733,763</b>	<b>1,013,649</b>	<b>34,337</b>	<b>10,895</b>	<b>906,992</b>	<b>269,017</b>
Ohio	131,175	123,177	149,387	64,961	156,244	180,290	4,620	1,523	204,939	59,467
Indiana	111,141	51,980	130,431	58,197	137,202	226,315	3,607	1,165	167,909	45,945
Illinois	132,207	115,776	185,058	63,407	169,494	379,848	2,399	656	194,888	81,177
Michigan	100,157	121,701	102,293	38,690	115,363	72,868	7,789	2,660	164,513	47,134
Wisconsin	164,156	340,897	130,790	50,565	155,460	154,328	15,723	4,388	171,743	55,273
<b>W. N. Central</b>	<b>731,979</b>	<b>449,706</b>	<b>841,664</b>	<b>415,319</b>	<b>870,370</b>	<b>1,909,671</b>	<b>23,265</b>	<b>5,359</b>	<b>976,019</b>	<b>359,996</b>
Minnesota	154,190	159,028	151,044	108,248	160,999	246,293	10,360	2,850	180,163	73,000
Iowa	163,446	99,829	183,710	113,626	186,778	713,251	1,383	310	200,937	79,608
Missouri	127,945	65,470	182,819	—	169,708	244,554	9,097	1,795	231,103	77,229
North Dakota	64,487	26,520	54,036	12,942	59,108	73,687	571	85	63,299	26,526
South Dakota	49,954	19,803	57,620	24,361	60,823	141,210	282	54	63,910	22,174
Nebraska	88,732	33,105	96,994	43,408	98,338	273,161	571	59	105,968	41,374
Kansas	95,225	46,890	115,441	45,936	114,616	211,515	1,195	207	130,549	40,086
<b>South Atlantic</b>	<b>196,781</b>	<b>146,657</b>	<b>440,737</b>	<b>212,931</b>	<b>408,753</b>	<b>155,003</b>	<b>50,196</b>	<b>21,940</b>	<b>965,482</b>	<b>389,668</b>
Delaware	2,562	4,930	6,357	46,645	4,848	1,579	145	86	8,707	2,610
Maryland	14,422	32,297	25,658	30,532	22,848	12,248	1,638	656	39,090	15,375
Dist of Columbia	4	140	10	75	8	72	—	—	22	4
Virginia	51,868	30,663	99,520	41,742	96,035	45,746	13,088	5,175	166,704	66,497
West Virginia	29,915	11,795	51,338	15,717	53,319	20,774	5,595	1,886	93,840	36,693
North Carolina	46,958	20,006	117,677	25,071	98,097	20,827	12,129	4,461	273,462	103,802
South Carolina	15,580	8,418	42,266	7,494	33,493	9,067	4,336	1,882	139,394	46,085
Georgia	32,035	17,762	77,010	27,813	78,512	27,038	11,284	6,439	213,773	81,268
Florida	3,437	20,048	20,901	8,842	22,093	10,652	1,981	1,352	50,490	17,421
<b>E. S. Central</b>	<b>246,535</b>	<b>98,930</b>	<b>494,088</b>	<b>56,363</b>	<b>463,278</b>	<b>193,476</b>	<b>38,491</b>	<b>12,179</b>	<b>912,694</b>	<b>314,343</b>
Kentucky	91,568	31,511	145,395	18,221	149,961	88,391	6,025	1,483	224,710	76,049
Tennessee	74,443	34,255	154,683	18,715	148,043	60,410	9,993	2,749	223,194	76,954
Alabama	44,041	15,434	102,646	10,659	93,399	36,269	10,207	4,079	215,425	84,882
Mississippi	36,493	17,730	91,164	8,758	71,855	18,415	12,266	3,859	248,765	76,457
<b>W. S. Central</b>	<b>267,750</b>	<b>132,049</b>	<b>499,163</b>	<b>121,408</b>	<b>490,132</b>	<b>444,938</b>	<b>26,997</b>	<b>6,216</b>	<b>827,503</b>	<b>273,339</b>
Arkansas	49,687	15,009	93,781	17,924	96,058	31,243	11,233	2,756	189,118	61,186
Louisiana	8,041	12,216	54,343	4,501	41,411	13,692	3,721	1,010	122,929	39,503
Oklahoma	88,529	38,723	114,027	26,878	116,902	103,043	2,874	441	157,646	57,233
Texas	113,493	66,121	236,952	72,105	235,761	296,952	9,169	—	357,810	115,407
<b>Mountain</b>	<b>162,293</b>	<b>87,658</b>	<b>101,488</b>	<b>49,038</b>	<b>143,187</b>	<b>460,576</b>	<b>3,433</b>	<b>1,502</b>	<b>193,117</b>	<b>69,579</b>
Montana	18,648	10,062	20,520	4,164	28,523	97,961	763	287	33,704	11,903
Idaho	28,678	28,286	20,299	6,582	30,478	59,239	1,151	483	38,549	12,006
Wyoming	6,945	4,374	6,915	1,900	10,841	59,566	100	62	12,073	4,504
Colorado	23,813	17,734	28,167	11,788	32,754	112,708	488	243	43,945	12,455
New Mexico	5,806	4,659	9,117	2,219	15,532	40,476	536	146	26,703	7,308
Arizona	2,921	8,530	4,633	2,344	5,093	28,160	298	227	10,854	3,377
Utah	14,424	14,014	10,435	19,189	18,853	35,225	77	61	24,315	6,730
Nevada	1,000	2,029	1,402	953	2,483	17,242	13	4	2,974	1,288
<b>Pacific</b>	<b>89,818</b>	<b>257,229</b>	<b>103,225</b>	<b>153,043</b>	<b>216,465</b>	<b>232,413</b>	<b>4,341</b>	<b>3,291</b>	<b>249,345</b>	<b>67,960</b>
Washington	33,641	48,341	34,993	28,494	39,915	42,452	2,252	959	74,748	23,381
Oregon	28,560	33,041	28,168	25,331	34,436	44,600	2,673	1,634	58,639	18,195
California	26,617	175,847	40,064	103,219	42,114	141,360	1,416	687	106,968	26,384

Source: Department of Commerce, Bureau of the Census, 1945 Census of Agriculture, Vol. II.

**No. 686.—FARMS—NUMBER, BY VALUE OF ALL FARM PRODUCTS SOLD OR USED BY FARM HOUSEHOLDS, BY STATES: 1945**

DIVISION AND STATE	All classified farms <sup>1</sup>	NUMBER OF FARMS BY VALUE OF ALL FARM PRODUCTS <sup>2</sup>					
		\$1 to \$99	\$100 to \$249	\$250 to \$399	\$400 to \$599	\$600 to \$799	\$800 to \$999
<b>United States</b> .....	<b>5,752,968</b>	<b>139,467</b>	<b>333,113</b>	<b>433,923</b>	<b>514,194</b>	<b>421,125</b>	<b>259,399</b>
<b>New England</b> .....	<b>145,743</b>	<b>7,796</b>	<b>17,784</b>	<b>18,924</b>	<b>17,115</b>	<b>19,689</b>	<b>6,972</b>
Maine.....	40,528	2,942	6,250	4,953	5,079	3,458	2,103
New Hampshire.....	17,859	1,358	2,910	2,366	2,035	1,238	847
Vermont.....	25,581	1,016	2,033	2,573	2,521	1,535	1,056
Massachusetts.....	35,264	1,543	4,048	4,528	4,443	2,799	1,979
Rhode Island.....	3,583	84	261	434	409	273	188
Connecticut.....	21,946	855	3,158	3,170	2,627	1,377	808
<b>Middle Atlantic</b> .....	<b>339,827</b>	<b>11,348</b>	<b>29,828</b>	<b>29,887</b>	<b>39,739</b>	<b>31,451</b>	<b>16,683</b>
New York.....	145,761	5,333	11,763	11,188	11,415	7,899	5,796
New Jersey.....	25,844	264	901	1,757	1,843	1,492	1,130
Pennsylvania.....	168,222	5,851	16,364	16,942	17,472	12,201	9,167
<b>East North Central</b> .....	<b>937,432</b>	<b>27,609</b>	<b>53,651</b>	<b>54,786</b>	<b>69,249</b>	<b>67,468</b>	<b>69,639</b>
Ohio.....	216,193	8,077	19,183	17,373	18,257	13,268	10,096
Indiana.....	172,902	5,745	11,792	11,728	12,740	10,112	8,558
Illinois.....	201,436	4,167	9,363	9,003	10,575	8,567	7,117
Michigan.....	171,001	6,680	12,695	12,262	13,535	10,888	9,798
Wisconsin.....	175,910	2,930	5,028	4,530	5,153	4,666	4,481
<b>West North Central</b> .....	<b>1,016,743</b>	<b>13,784</b>	<b>30,313</b>	<b>33,669</b>	<b>43,536</b>	<b>39,638</b>	<b>36,147</b>
Minnesota.....	186,604	3,073	5,591	5,667	6,711	5,090	4,796
Iowa.....	205,948	1,778	3,744	3,742	4,940	4,002	4,334
Missouri.....	237,697	5,401	14,030	15,554	19,598	17,144	15,276
North Dakota.....	69,101	229	514	636	976	1,002	1,112
South Dakota.....	67,723	603	936	1,055	1,548	1,502	1,644
Nebraska.....	110,773	570	1,374	1,729	2,439	2,531	2,642
Kansas.....	135,917	2,110	4,224	4,757	6,384	5,097	5,349
<b>South Atlantic</b> .....	<b>1,834,798</b>	<b>18,496</b>	<b>54,741</b>	<b>97,362</b>	<b>115,596</b>	<b>92,289</b>	<b>75,796</b>
Delaware.....	9,072	255	737	691	687	526	362
Maryland.....	40,481	1,080	2,733	3,521	3,568	2,513	1,991
District of Columbia.....	40	2	3	3	2	—	2
Virginia.....	170,494	3,804	15,809	22,372	24,179	16,279	11,875
West Virginia.....	95,095	3,963	12,359	17,296	18,309	11,895	7,880
North Carolina.....	263,559	3,058	13,508	18,559	23,066	19,427	16,790
South Carolina.....	145,262	2,248	7,549	11,769	14,456	13,733	12,739
Georgia.....	221,427	2,523	9,011	16,506	23,668	22,322	20,657
Florida.....	59,278	1,526	4,732	6,544	6,981	5,445	4,300
<b>East South Central</b> .....	<b>945,476</b>	<b>14,967</b>	<b>53,267</b>	<b>90,215</b>	<b>112,903</b>	<b>104,939</b>	<b>91,654</b>
Kentucky.....	233,970	5,215	19,999	20,087	38,884	21,013	16,036
Tennessee.....	230,381	4,846	17,812	23,532	28,230	23,836	20,905
Alabama.....	220,522	2,777	11,225	21,951	—	26,146	22,489
Mississippi.....	260,597	2,130	9,351	15,645	26,749	29,942	31,582
<b>West South Central</b> .....	<b>863,635</b>	<b>12,397</b>	<b>44,672</b>	<b>76,167</b>	<b>96,803</b>	<b>83,171</b>	<b>71,126</b>
Arkansas.....	195,572	2,496	10,065	17,334	22,952	20,271	18,933
Louisiana.....	127,090	1,768	6,233	11,077	15,906	15,592	14,216
Oklahoma.....	162,680	1,967	7,542	12,251	16,097	13,125	10,963
Texas.....	377,774	6,176	20,732	33,505	41,845	34,183	26,994
<b>Mountain</b> .....	<b>296,905</b>	<b>6,239</b>	<b>19,565</b>	<b>12,336</b>	<b>12,545</b>	<b>19,297</b>	<b>8,237</b>
Montana.....	36,871	893	1,219	1,297	1,481	1,266	1,112
Idaho.....	40,710	661	1,413	1,588	2,045	1,730	1,566
Wyoming.....	12,775	190	357	474	503	429	416
Colorado.....	48,309	1,897	2,360	2,278	2,524	2,043	1,732
New Mexico.....	28,561	2,178	3,131	3,331	3,061	2,203	1,462
Arizona.....	12,479	438	917	1,468	1,610	856	661
Utah.....	25,844	473	1,216	1,696	2,087	1,609	1,270
Nevada.....	3,296	100	213	207	283	172	129
<b>Pacific</b> .....	<b>273,005</b>	<b>7,967</b>	<b>17,372</b>	<b>32,663</b>	<b>21,737</b>	<b>16,241</b>	<b>11,712</b>
Washington.....	77,672	2,958	6,671	8,825	8,632	5,768	3,921
Oregon.....	61,186	2,112	4,905	6,370	6,719	4,442	3,166
California.....	134,145	2,897	5,796	8,168	—	6,031	4,625

For footnotes, see next page.

**No. 686.—FARMS—NUMBER, BY VALUE OF ALL FARM PRODUCTS SOLD OR USED BY FARM HOUSEHOLDS, BY STATES: 1945—Continued**

DIVISION AND STATE	NUMBER OF FARMS BY VALUE OF ALL FARM PRODUCTS <sup>1</sup> —continued								
	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$19,999	\$20,000 and over
United States.....	712,009	517,726	390,896	742,780	514,055	396,170	205,803	83,237	
New England.....	10,526	8,900	5,559	12,506	11,210	10,863	6,913	2,914	
Maine.....	3,121	1,923	1,506	3,028	2,402	2,256	1,737	770	
New Hampshire.....	1,348	798	687	1,422	1,004	935	574		
Vermont.....	1,724	1,378	1,214	3,310	3,301	2,708	1,136	190	
Massachusetts.....	2,920	1,819	1,383	2,850	2,506	2,666	1,777	923	
Rhode Island.....	273	160	116	274	271	305	288	160	
Connecticut.....	1,240	693	653	1,615	1,647	1,983	1,491	632	
Middle Atlantic.....	23,353	21,109	16,216	43,200	36,813	31,631	16,719	8,270	
New York.....	10,830	8,679	7,926	20,521	18,720	15,927	7,633	2,433	
New Jersey.....	1,920	1,306	1,174	2,528	2,735	3,811	3,014	1,374	
Pennsylvania.....	15,593	11,124	9,116	20,156	15,858	11,893	5,473	1,463	
East North Central.....	84,728	71,785	65,645	155,861	125,397	94,357	40,671	9,356	
Ohio.....	20,662	16,156	13,863	31,326	23,980	16,190	5,891	1,414	
Indiana.....	17,123	13,573	11,772	26,307	20,329	13,136	6,506	1,479	
Illinois.....	14,786	11,745	10,710	27,605	29,422	23,495	14,967	4,834	
Michigan.....	19,867	16,444	13,786	27,046	16,696	8,481	2,979	874	
Wisconsin.....	12,268		15,534	44,487	35,870	21,066	5,239	794	
West North Central.....	85,264	80,853	76,579	191,534	169,336	139,907	62,364	10,328	
Minnesota.....	14,062	15,370	16,007	41,678	35,118	23,028	6,566	1,335	
Iowa.....	10,299	10,673	11,409	35,461	41,573	44,745	23,266	5,362	
Missouri.....	33,039	26,243	20,306	35,163	18,847	11,063	4,478	1,533	
North Dakota.....	3,165	3,657	4,372	14,268	10,088	14,962	6,026	1,294	
South Dakota.....	4,495	5,132	5,512	15,861	14,335	10,582	3,716	752	
Nebraska.....	6,904	7,827	8,163	24,415	23,567	18,578	7,647	2,487	
Kansas.....	12,800	11,751	10,906	24,698	19,798	16,929	10,067	3,545	
South Atlantic.....	166,808	106,148	80,333	124,332	51,349	24,425	11,300	6,593	
Delaware.....	641	440	373	913	881	956	883	727	
Maryland.....	3,568	2,722	2,245	5,271	4,431	3,787	2,094	817	
Dist. of Columbia.....	2	5	3	6	3		6	4	
Virginia.....	21,052	14,015	10,551	15,992	7,098	4,013	2,300	1,154	
West Virginia.....	10,068	4,466	2,326	3,126	1,673	1,000	593	241	
North Carolina.....	26,436	32,995	31,048	56,487	22,694	6,916	1,530	463	
South Carolina.....	27,348	19,069	12,579	15,916	4,606	1,711	846	344	
Georgia.....	43,973	29,497	17,574	21,608	7,254	3,685	1,716	823	
Florida.....	7,420	4,909	3,239	5,013	2,810	2,357	1,933	2,099	
East South Central.....	182,770	112,541	62,785	71,467	24,972	13,169	6,658	2,835	
Kentucky.....	29,561	20,988	15,036	24,844	12,369	7,044	2,535	687	
Tennessee.....	41,232	26,269	15,513	17,649	8,954	3,008	1,163	375	
Alabama.....	43,173	26,468	14,723	14,679	3,742	1,675	907	468	
Mississippi.....	68,798	38,786	17,514	14,295	2,907	1,442	951	505	
West South Central.....	138,114	87,902	57,230	87,297	46,129	23,580	19,640	9,916	
Arkansas.....	39,407	23,913	13,269	15,462	5,342	3,140	1,962	1,037	
Louisiana.....	26,068	13,921	7,208	7,216	2,719	2,138	1,489	857	
Oklahoma.....	22,039	15,926	11,897	21,328	13,306	9,635	4,392	1,297	
Texas.....	50,000	34,142	24,846	43,291	24,760	18,767	11,807	5,726	
Mountain.....	16,837	14,919	12,334	28,629	24,604	22,971	16,523	9,290	
Montana.....	2,477	2,393	2,263	5,522	5,284	5,723	4,335	1,916	
Idaho.....	3,180	2,706	2,478	6,267	5,934	5,767	3,713	1,683	
Wyoming.....	999	973	860	2,221	1,786	1,561	1,167	820	
Colorado.....	3,743	3,262	2,944	6,917	5,635	5,186	3,825	2,324	
New Mexico.....	2,545	1,704	1,261	2,441	1,880	1,635	1,079	660	
Arizona.....	982	600	511	1,066	617	817	606	940	
Utah.....	2,655	2,172	1,800	3,997	2,839	1,909	1,301	701	
Nevada.....	266	209	187	397	329	313	296	255	
Pacific.....	20,712	14,670	12,267	24,756	24,365	27,377	25,518	21,398	
Washington.....	6,538	4,262	3,309	6,720	5,400	5,482	5,373	4,113	
Oregon.....	5,647	3,666	2,675	6,131	4,934	4,499	3,547	2,286	
California.....	8,727	6,662	6,283	13,905	14,021	17,396	16,598	14,999	

Includes farms with usable reports for value of farm products sold or used by farm households, excludes 98,673 farms with no farm products sold or used and 7,888 unclassified farms.  
Value of all farm products sold or used by farm households in 1944.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

# No. 667.—FARM FACILITIES, ROADS, MOTOR VEHICLES, TRACTORS, AND RESIDENCE OF FARM OPERATORS, BY STATES: 1945

[Specified facilities relate only to farms reporting dwellings]

DIVISION AND STATE	NUMBER OF FARMS REPORTING—							
	Running water	Electricity	Radio	Telephone	Electric distribution line within $\frac{1}{4}$ mile	Distance to nearest all-weather road		
						0.0 to 0.2 mile	0.3 to 0.9 mile	1.0 mile and over
<b>United States</b> .....	1, 679, 923	2, 787, 624	4, 264, 907	1, 866, 109	2, 485, 489	3, 771, 994	600, 937	1, 194, 236
<b>New England</b> .....	104, 838	117, 313	136, 514	94, 899	126, 806	121, 011	9, 138	23, 343
Maine.....	19, 848	27, 324	33, 366	22, 642	20, 906	32, 893	2, 066	4, 553
N. Hampshire.....	13, 564	15, 507	16, 489	11, 795	16, 792	13, 621	1, 915	2, 802
Vermont.....	21, 202	18, 463	21, 308	14, 604	20, 232	19, 307	2, 107	3, 816
Massachusetts.....	31, 095	33, 107	33, 860	26, 396	31, 555	31, 555	1, 172	863
Rhode Island.....	2, 894	2, 146	3, 268	2, 338	2, 246	3, 134	197	257
Connecticut.....	18, 235	19, 767	20, 436	17, 225	20, 662	20, 491	787	681
<b>Middle Atlantic</b> .....	301, 928	273, 339	299, 355	161, 781	296, 927	246, 657	39, 215	48, 434
New York.....	85, 868	122, 821	131, 783	78, 484	131, 021	115, 329	11, 400	17, 966
New Jersey.....	21, 506	23, 884	24, 320	13, 842	24, 429	21, 578	1, 863	1, 213
Pennsylvania.....	93, 554	120, 633	143, 252	69, 455	141, 477	109, 760	25, 933	39, 225
<b>E. N. Central</b> .....	238, 878	376, 684	399, 493	487, 701	757, 532	779, 107	67, 326	64, 411
Ohio.....	63, 856	164, 949	186, 503	111, 461	181, 964	181, 210	15, 292	15, 006
Indiana.....	59, 652	122, 742	147, 417	97, 236	140, 984	147, 344	9, 930	7, 849
Illinois.....	54, 172	120, 177	175, 778	124, 039	139, 424	160, 834	19, 132	31, 463
Michigan.....	66, 163	144, 260	154, 353	68, 858	155, 061	148, 916	9, 924	8, 762
Wisconsin.....	55, 025	124, 476	156, 442	66, 107	140, 369	144, 803	13, 048	13, 532
<b>W. N. Central</b> .....	218, 699	429, 345	571, 693	587, 273	487, 862	587, 785	146, 279	267, 687
Minnesota.....	58, 721	95, 342	165, 243	103, 178	109, 701	135, 124	28, 672	30, 809
Iowa.....	65, 817	139, 001	190, 439	165, 760	145, 524	137, 469	30, 140	36, 719
Missouri.....	28, 670	76, 417	190, 146	109, 055	105, 127	156, 709	31, 817	47, 923
North Dakota.....	6, 073	13, 612	57, 769	23, 641	9, 675	21, 977	12, 177	32, 323
South Dakota.....	10, 727	19, 028	57, 691	31, 145	11, 839	27, 744	10, 688	28, 190
Nebraska.....	35, 079	46, 619	94, 635	53, 196	48, 803	42, 846	17, 394	50, 664
Kansas.....	23, 012	54, 248	115, 769	91, 299	67, 133	65, 916	18, 421	50, 066
<b>South Atlantic</b> .....	195, 666	332, 245	681, 336	115, 121	594, 364	639, 246	109, 819	237, 961
Delaware.....	4, 560	5, 606	7, 009	3, 694	7, 361	6, 279	1, 211	1, 782
Maryland.....	18, 719	25, 256	31, 628	17, 137	29, 966	22, 961	8, 885	8, 414
Dist. of Columbia.....	23	24	22	24	40	37	1	—
Virginia.....	36, 741	63, 512	104, 762	31, 835	91, 637	107, 809	21, 014	34, 903
West Virginia.....	17, 751	38, 763	66, 201	21, 599	48, 164	52, 936	10, 908	31, 907
North Carolina.....	43, 943	107, 982	172, 115	14, 539	167, 568	161, 036	34, 533	68, 037
South Carolina.....	19, 091	52, 101	67, 552	6, 306	91, 602	83, 215	16, 013	36, 374
Georgia.....	34, 104	77, 145	117, 937	13, 558	125, 666	133, 969	15, 637	37, 621
Florida.....	20, 066	22, 867	33, 871	6, 429	32, 260	41, 984	4, 966	8, 573
<b>E. S. Central</b> .....	96, 932	235, 122	542, 513	39, 442	446, 776	687, 440	109, 602	191, 496
Kentucky.....	20, 726	66, 088	148, 092	42, 118	111, 686	138, 821	26, 448	62, 961
Tennessee.....	20, 175	70, 769	157, 983	35, 365	106, 828	166, 704	24, 110	39, 210
Alabama.....	25, 681	66, 046	117, 485	11, 162	109, 279	137, 396	20, 967	50, 276
Mississippi.....	20, 510	50, 219	118, 658	9, 797	118, 965	161, 519	29, 067	50, 049
<b>W. S. Central</b> .....	263, 046	279, 096	589, 329	139, 076	418, 247	441, 146	95, 414	297, 765
Arkansas.....	15, 834	43, 043	133, 416	13, 815	80, 478	111, 200	25, 413	47, 513
Louisiana.....	17, 481	31, 558	—	6, 434	65, 137	81, 446	14, 044	31, 983
Oklahoma.....	27, 914	47, 104	122, 448	41, 101	64, 845	64, 531	19, 106	36, 919
Texas.....	141, 816	157, 383	261, 440	67, 725	207, 787	193, 970	35, 951	141, 780
<b>Mountain</b> .....	99, 372	121, 246	168, 573	69, 261	117, 363	118, 496	19, 227	64, 567
Montana.....	9, 510	15, 782	31, 744	7, 647	12, 625	13, 816	3, 731	18, 625
Idaho.....	22, 475	31, 995	36, 660	17, 421	32, 454	28, 719	3, 880	6, 453
Wyoming.....	4, 113	6, 794	11, 332	4, 054	5, 391	4, 717	1, 690	6, 493
Colorado.....	17, 486	27, 643	39, 956	22, 106	25, 970	28, 218	4, 410	12, 611
New Mexico.....	8, 427	8, 844	15, 819	3, 175	9, 401	10, 654	2, 663	14, 870
Arizona.....	9, 136	8, 756	10, 216	4, 661	9, 336	9, 544	966	2, 077
Utah.....	16, 867	19, 243	20, 173	8, 479	20, 399	21, 187	1, 783	3, 377
Nevada.....	2, 068	2, 079	2, 673	1, 606	1, 892	1, 643	251	1, 179
<b>Pacific</b> .....	227, 671	312, 393	348, 539	131, 546	246, 436	239, 304	14, 922	15, 529
Washington.....	61, 691	67, 966	73, 397	35, 502	69, 142	67, 291	—	4, 910
Oregon.....	45, 996	48, 390	56, 264	25, 643	—	53, 547	3, 700	4, 089
California.....	120, 182	116, 048	119, 188	69, 421	121, 734	118, 366	8, 690	6, 890



**No. 687.—FARM FACILITIES, ROADS, MOTOR VEHICLES, TRACTORS, AND RESIDENCE OF FARM OPERATORS, BY STATES: 1945—Continued**

DIVISION AND STATE	MOTOR TRUCKS ON FARMS		TRACTORS ON FARMS		AUTOMOBILES ON FARMS		FARM OPERATORS REPORTING RESIDENCE	
	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number	On farm operated	Not on farm operated
<b>United States.....</b>	<b>1,299,350</b>	<b>1,490,300</b>	<b>2,002,662</b>	<b>2,421,747</b>	<b>3,630,433</b>	<b>4,148,275</b>	<b>6,459,841</b>	<b>336,883</b>
<b>New England.....</b>	<b>59,372</b>	<b>74,161</b>	<b>46,801</b>	<b>53,943</b>	<b>107,724</b>	<b>126,799</b>	<b>137,983</b>	<b>10,673</b>
Maine.....	15,229	17,849	12,937	14,794	27,223	30,086	38,775	2,860
N. Hampshire.....	7,486	9,191	6,386	6,094	13,196	14,987	17,304	1,319
Vermont.....	8,386	9,567	6,696	7,327	17,336	19,663	22,448	3,562
Massachusetts.....	14,668	18,751	12,075	14,026	28,506	32,901	34,648	2,001
Rhode Island.....	2,115	3,142	1,663	1,962	3,021	3,965	3,476	124
Connecticut.....	11,567	15,651	8,244	9,740	18,445	25,188	21,332	807
<b>Middle Atlantic.....</b>	<b>121,457</b>	<b>146,623</b>	<b>172,867</b>	<b>206,739</b>	<b>277,286</b>	<b>337,969</b>	<b>327,021</b>	<b>18,287</b>
New York.....	57,049	69,141	77,623	93,292	119,494	144,948	139,323	8,954
New Jersey.....	16,338	23,220	14,604	19,609	21,183	27,876	25,091	997
Pennsylvania.....	48,070	56,271	80,740	92,638	136,608	165,166	162,607	8,306
<b>East North Central.....</b>	<b>220,357</b>	<b>246,161</b>	<b>338,003</b>	<b>643,419</b>	<b>804,544</b>	<b>942,659</b>	<b>898,626</b>	<b>49,013</b>
Ohio.....	38,670	42,808	110,803	190,486	185,116	221,547	206,982	11,989
Indiana.....	35,260	38,411	89,458	106,283	146,130	166,796	165,061	8,712
Illinois.....	62,600	56,629	131,949	174,270	171,242	200,914	191,632	11,475
Michigan.....	37,304	41,303	96,452	110,120	140,348	172,655	164,054	10,071
Wisconsin.....	56,623	61,010	109,341	123,280	152,708	181,107	180,679	6,796
<b>West North Central.....</b>	<b>261,765</b>	<b>285,597</b>	<b>631,151</b>	<b>759,324</b>	<b>862,290</b>	<b>971,267</b>	<b>967,583</b>	<b>54,584</b>
Minnesota.....	44,170	47,413	126,706	162,656	166,273	191,661	178,878	7,601
Iowa.....	35,482	37,386	151,137	181,049	190,749	224,216	200,070	7,094
Missouri.....	44,241	47,235	87,633	76,110	156,266	185,243	226,317	14,186
North Dakota.....	32,494	26,674	66,619	72,664	69,463	69,236	62,404	6,466
South Dakota.....	20,497	22,230	52,070	62,772	69,762	68,717	64,209	3,933
Nebraska.....	30,792	33,761	81,446	96,203	100,926	118,572	105,439	5,767
Kansas.....	54,099	60,908	93,638	116,651	119,840	133,693	130,265	9,538
<b>South Atlantic.....</b>	<b>153,630</b>	<b>176,672</b>	<b>116,502</b>	<b>134,791</b>	<b>491,883</b>	<b>537,446</b>	<b>966,971</b>	<b>64,664</b>
Delaware.....	3,110	3,600	3,839	4,604	7,640	9,537	8,806	456
Maryland.....	16,060	19,197	16,968	18,789	31,953	41,465	38,414	2,601
Dist. of Columbia.....	24	36	12	21	20	22	27	8
Virginia.....	27,966	31,966	20,418	23,418	83,037	94,413	162,179	9,936
West Virginia.....	14,843	16,286	6,368	6,663	37,670	40,477	91,260	6,824
North Carolina.....	30,469	32,924	28,482	31,169	143,666	162,109	267,661	16,164
South Carolina.....	13,296	15,348	10,366	12,447	73,515	77,676	136,620	9,424
Georgia.....	31,250	34,668	20,561	24,648	86,062	90,160	211,024	10,382
Florida.....	16,572	21,639	9,506	12,812	28,320	31,721	51,180	9,290
<b>East South Central.....</b>	<b>97,666</b>	<b>106,736</b>	<b>73,668</b>	<b>86,596</b>	<b>293,201</b>	<b>309,744</b>	<b>900,170</b>	<b>43,629</b>
Kentucky.....	25,175	27,194	22,367	24,409	95,893	102,997	220,054	16,325
Tennessee.....	24,659	26,326	21,692	24,062	86,355	91,392	220,632	11,490
Alabama.....	21,939	23,949	14,688	17,060	66,187	68,446	211,266	7,797
Mississippi.....	25,793	28,267	14,611	21,077	64,776	68,906	248,168	8,017
<b>West South Central.....</b>	<b>168,660</b>	<b>187,776</b>	<b>222,208</b>	<b>276,943</b>	<b>424,928</b>	<b>464,769</b>	<b>816,564</b>	<b>61,729</b>
Arkansas.....	30,304	33,134	18,609	26,637	61,636	63,925	166,831	8,903
Louisiana.....	18,637	20,974	11,433	17,630	37,327	40,651	122,836	4,630
Oklahoma.....	40,910	44,381	60,945	70,395	96,226	100,684	164,569	8,240
Texas.....	78,806	89,286	131,231	162,361	240,836	260,599	352,328	30,066
<b>Mountain.....</b>	<b>96,606</b>	<b>116,628</b>	<b>94,261</b>	<b>120,465</b>	<b>149,393</b>	<b>174,399</b>	<b>196,486</b>	<b>29,066</b>
Montana.....	23,061	26,388	24,317	31,725	27,647	31,669	34,030	3,397
Idaho.....	16,576	19,096	17,263	20,209	31,691	35,802	38,211	2,844
Wyoming.....	7,424	8,917	7,444	9,856	9,561	11,445	12,166	831
Colorado.....	24,057	28,704	25,366	32,766	37,037	44,629	43,813	3,375
New Mexico.....	16,256	11,902	8,431	13,736	13,606	15,361	27,275	2,200
Arizona.....	6,066	6,859	3,833	6,372	8,966	12,356	11,426	1,451
Utah.....	9,720	10,969	6,813	6,876	16,660	20,303	20,564	6,699
Nevada.....	1,868	2,603	1,264	1,827	2,303	3,044	3,011	388
<b>Pacific.....</b>	<b>117,948</b>	<b>153,848</b>	<b>166,231</b>	<b>146,636</b>	<b>229,166</b>	<b>293,819</b>	<b>256,067</b>	<b>24,639</b>
Washington.....	32,730	40,034	27,768	32,060	63,713	74,203	76,222	3,160
Oregon.....	23,253	28,118	24,183	26,646	60,840	69,362	69,626	3,292
California.....	61,960	85,696	66,370	79,839	114,632	160,252	119,339	18,397

Source: Department of Commerce, Bureau of the Census, 1945 Census of Agriculture, Vol. II.

## No. 688.—FERTILIZER CONSUMPTION, 1880 TO 1946, AND BY STATES, 1943 TO 1946

[In thousands of tons of 2,000 pounds. Based on tag sales, records of Government officials, or estimates. Beginning 1935, figures include tonnage distributed by Agricultural Adjustment Administration and by Tennessee Valley Authority, data for the latter representing fiscal years ending June 30. Data for phosphate rock used in Illinois and Florida, available only since 1939, have been excluded from annual comparisons. In addition to tonnage for consumption, fertilizers and fertilizer materials produced in continental U. S. are exported to island possessions.]

YEAR	Quantity	YEAR	Quantity	YEAR	Quantity	YEAR	Quantity
1880.....	1,150	1918.....	6,467	1928.....	7,986	1938.....	7,548
1890.....	1,950	1919.....	6,626	1929.....	8,012	1939.....	7,707
1900.....	2,200	1920.....	7,177	1930.....	8,222	1940.....	8,249
1910.....	5,463	1921.....	4,863	1931.....	6,354	1941.....	9,183
1912.....	5,767	1922.....	5,671	1932.....	4,366	1942.....	9,949
1913.....	6,337	1923.....	6,445	1933.....	4,908	1943.....	11,463
1914.....	7,100	1924.....	6,326	1934.....	5,583	1944.....	12,055
1915.....	5,224	1925.....	7,334	1935.....	6,276	1945.....	13,202
1916.....	5,125	1926.....	7,329	1936.....	6,931	1946 <sup>1</sup> .....	14,892
1917.....	5,926	1927.....	6,844	1937.....	8,226		

DIVISION AND STATE	1943	1944	1945	1946 <sup>1</sup>	DIVISION AND STATE	1943	1944	1945	1946 <sup>1</sup>
United States.....	11,463	12,055	13,202	14,892	S. Atlantic—Con.				
New England:					Virginia.....	535	563	628	685
Maine.....	217	221	235	295	West Virginia.....	69	60	60	92
New Hampshire.....	28	21	22	28	North Carolina.....	1,444	1,407	1,530	1,717
Vermont.....	31	38	45	45	South Carolina.....	805	811	823	944
Massachusetts.....	87	80	80	80	Georgia.....	1,146	1,081	1,128	1,142
Rhode Island.....	15	15	17	18	Florida.....	723	820	917	1,061
Connecticut.....	76	74	92	83	E. S. Central:				
Middle Atlantic:					Kentucky.....	202	309	405	376
New York.....	503	479	532	550	Tennessee.....	202	243	375	359
New Jersey.....	223	230	245	260	Alabama.....	629	623	781	905
Pennsylvania.....	414	488	468	525	Mississippi.....	509	456	537	477
E. N. Central:					W. S. Central:				
Ohio.....	528	591	635	731	Arkansas.....	203	172	155	173
Indiana.....	395	479	508	663	Louisiana.....	220	234	270	258
Illinois.....	111	198	270	321	Oklahoma.....	25	24	31	59
Michigan.....	264	388	340	393	Texas.....	202	225	260	306
Wisconsin.....	178	217	268	302	Mountain:				
W. N. Central:					Montana.....	5	7	8	10
Minnesota.....	54	78	107	126	Idaho.....	11	25	34	45
Iowa.....	60	94	145	215	Wyoming.....	2	4	4	5
Missouri.....	150	180	193	302	Colorado.....	9	11	18	24
North Dakota.....	3	3	3	8	New Mexico.....	4	7	8	15
South Dakota.....	1	(?)	(?)	3	Arizona.....	19	22	20	30
Nebraska.....	2	3	3	9	Utah.....	4	12	9	18
Kansas.....	32	47	38	61	Nevada.....	(?)	(?)	1	1
South Atlantic:					Pacific:				
Delaware.....	45	45	40	52	Washington.....	54	56	62	91
Maryland.....	209	216	218	245	Oregon.....	29	42	45	74
Dist. of Columbia.....	3	2	2	2	California.....	322	428	488	575

<sup>1</sup> Preliminary. <sup>2</sup> Less than 500 tons.

Source: The National Fertilizer Association, Washington, D. C. Published in The Fertilizer Review.

## No. 689.—FARMERS' MARKETING AND PURCHASING ASSOCIATIONS—NUMBER, MEMBERSHIP, AND BUSINESS, BY COMMODITY GROUPS: 1944-45 AND 1945-46

[See headnote, table 600]

COMMODITY GROUP	ASSOCIATIONS LISTED		ESTIMATED MEMBERSHIP <sup>1</sup>		ESTIMATED BUSINESS <sup>2</sup> (\$1,000)	
	1944-45	1945-46	1944-45	1945-46	1944-45	1945-46
Total.....	29,180	30,159	4,505,000	5,010,000	5,645,000	6,078,000
Cotton and products.....	530	529	266,000	285,000	178,000	176,800
Dairy products.....	2,214	2,210	726,000	739,000	1,294,000	1,428,000
Fruits and vegetables.....	916	921	162,000	177,000	784,000	815,000
Grain, dry beans, rice.....	2,285	2,256	484,000	536,000	1,296,000	1,495,000
Livestock.....	661	618	695,000	631,000	730,000	705,000
Nuts.....	46	43	46,700	62,700	200,000	176,500
Poultry and eggs.....	160	153	130,600	127,000	225,000	213,000
Tobacco.....	12	13	122,000	150,000	27,000	34,100
Wool and mohair.....	130	130	177,000	118,000	35,000	34,000
Miscellaneous marketing.....	446	505	140,200	157,300	76,000	79,900
Purchasing.....	2,780	2,772	1,610,000	1,860,000	810,000	923,000

<sup>1</sup> See note, 2, table 600.

<sup>2</sup> See note 3, table 600.

Source: Department of Agriculture, Farm Credit Administration; annual report, Statistics of Farmers' Marketing and Purchasing Cooperatives.

# **No. 690.—FARMERS' MARKETING AND PURCHASING ASSOCIATIONS—NUMBER, MEMBERSHIP, AND BUSINESS: 1913 TO 1946**

[Comprises independent local associations, federations, large-scale centralized associations, sales agencies, independent service-rendering associations, and subsidiaries whose businesses are distinct from those of parent organizations. Estimates based on reports received from association officers]

PERIOD <sup>1</sup>	ASSOCIATIONS LISTED			ESTIMATED MEMBERSHIP <sup>2</sup>			ESTIMATED BUSINESS (\$1,000) <sup>3</sup>		
	Total	Marketing	Purchasing	Total	Marketing	Purchasing	Total	Marketing	Purchasing
1913.....	3,099	2,968	111				310,313	304,385	5,928
1918.....	5,424	5,149	275	651,186	591,683	59,503	635,839	624,161	11,678
1921.....	7,374	6,476	898				1,256,214	1,198,493	57,721
1928-30.....	10,803	9,386	1,417	2,700,000	2,453,000	247,000	2,400,000	2,265,000	135,000
1929-30.....	12,000	10,548	1,454	3,100,000	2,630,000	470,000	2,500,000	2,310,000	190,000
1930-31.....	11,950	10,362	1,588	3,000,000	2,608,000	392,000	2,400,000	2,185,000	215,000
1931-32.....	11,900	10,265	1,635	3,200,000	2,667,000	533,000	1,925,000	1,744,000	181,000
1932-33.....	11,000	9,352	1,648	3,000,000	2,457,300	542,700	1,340,000	1,199,500	140,500
1933-34.....	10,900	9,032	1,868	3,156,000	2,484,000	672,000	1,365,000	1,213,000	152,000
1934-35.....	10,790	8,794	1,996	3,280,000	2,490,000	790,000	1,530,000	1,343,000	187,000
1935-36.....	10,500	8,388	2,112	3,660,000	2,710,000	950,000	1,840,000	1,586,000	254,000
1936-37.....	10,743	8,142	2,601	3,270,000	2,414,000	856,000	2,190,000	1,882,600	313,400
1937-38.....	10,900	8,300	2,600	3,400,000	2,500,000	900,000	2,400,000	2,050,000	350,000
1938-39.....	10,700	8,100	2,600	3,300,000	2,410,000	890,000	2,100,000	1,765,000	335,000
1939-40.....	10,700	8,051	2,649	3,200,000	2,300,000	900,000	2,087,000	1,729,000	358,000
1940-41.....	10,600	7,943	2,657	3,400,000	2,420,000	980,000	2,280,000	1,911,000	369,000
1941-42.....	10,550	7,824	2,726	3,400,000	2,430,000	1,170,000	2,840,000	2,360,000	480,000
1942-43.....	10,480	7,708	2,772	3,850,000	2,580,000	1,270,000	3,780,000	3,180,000	600,000
1943-44.....	10,300	7,522	2,778	4,250,000	2,730,000	1,520,000	5,160,000	4,430,000	730,000
1944-45.....	10,150	7,400	2,750	4,506,000	2,895,000	1,610,000	5,845,000	4,835,000	810,000
1945-46.....	10,160	7,378	2,772	5,010,000	3,150,000	1,860,000	6,070,000	5,147,000	923,000

<sup>1</sup> Represents marketing season during which farm products of a specified year are moved into channels of trade. Marketing seasons overlap.

<sup>2</sup> For years since about 1935, comprises members, contract members, and shareholders, but excludes patrons not in these categories.

<sup>3</sup> Includes value of commodities sold or purchased for patrons and charges for rendering other essential services either in marketing or purchasing. Most duplication in value arising from intra-association transactions has been eliminated.

Source: Department of Agriculture, Farm Credit Administration; annual report, Statistics of Farmers' Marketing and Purchasing Cooperatives.

# **No. 691.—FARMERS' MARKETING AND PURCHASING ASSOCIATIONS—NUMBER, MEMBERSHIP, AND BUSINESS, BY STATES: 1945-46**

[See headnote, table 690]

DIVISION AND STATE	Associations listed	Estimated membership <sup>1</sup>	Estimated business (\$1,000) <sup>1</sup>	DIVISION AND STATE	Associations listed	Estimated membership <sup>1</sup>	Estimated business (\$1,000) <sup>1</sup>
United States.....	10,150	5,010,000	6,070,000	S. Atlantic—Continued			
New England.....	159	119,140	197,980	Virginia.....	181	212,710	123,770
Maine.....	25	8,350	19,900	West Virginia.....	48	22,840	4,790
New Hampshire.....	14	4,310	18,170	North Carolina.....	40	76,800	34,720
Vermont.....	36	11,400	24,470	South Carolina.....	24	11,970	8,920
Massachusetts.....	39	85,360	113,320	Georgia.....	63	105,600	105,800
Rhode Island.....	8	1,390	2,540	Florida.....	92	6,210	128,200
Connecticut.....	30	8,230	19,580	East South Central.....	279	344,410	130,710
Middle Atlantic.....	623	361,310	519,750	Kentucky.....	50	144,350	33,860
New York.....	381	171,440	344,680	Tennessee.....	56	91,080	22,240
New Jersey.....	60	30,560	50,820	Alabama.....	72	66,200	13,210
Pennsylvania.....	182	99,310	124,250	Mississippi.....	101	42,880	61,400
West North Central.....	2,360	1,157,100	1,352,920	West South Central.....	803	300,918	343,440
Ohio.....	203	212,860	265,370	Arkansas.....	56	6,910	18,980
Indiana.....	178	215,100	211,600	Louisiana.....	63	20,460	27,000
Illinois.....	631	484,780	399,950	Oklahoma.....	192	110,640	104,030
Michigan.....	266	150,480	164,300	Texas.....	492	162,108	193,420
Wisconsin.....	1,002	293,890	311,700	Mountain.....	555	250,460	231,110
West North Central.....	4,060	1,506,360	1,807,630	Montana.....	196	39,400	60,330
Minnesota.....	1,852	506,900	576,680	Idaho.....	116	74,000	62,260
Nebraska.....	723	307,500	320,940	Wyoming.....	27	11,770	12,310
Missouri.....	308	291,030	239,500	Colorado.....	116	53,340	67,180
North Dakota.....	578	139,900	191,700	New Mexico.....	23	5,270	7,900
South Dakota.....	301	100,250	102,420	Arizona.....	18	33,240	9,430
Braska.....	436	159,650	183,520	Utah.....	67	33,050	60,950
Montana.....	353	96,130	192,870	Nevada.....	8	390	680
South Atlantic.....	476	477,320	460,520	Pacific.....	831	259,890	975,840
Dawson.....	12	5,180	3,620	Washington.....	206	95,890	211,700
Wyland.....	58	34,150	27,700	Oregon.....	150	63,900	112,200
District of Columbia.....	1	1,360	23,000	California.....	476	100,300	631,940

See note 2, table 690.

<sup>1</sup> See note 3, table 690.

Source: Department of Agriculture, Farm Credit Administration; annual report, Statistics of Farmers' Marketing and Purchasing Cooperatives.

# No. 692.—FARMS AND FARM PROPERTY—SUMMARY FOR ALASKA, HAWAII, PUERTO RICO, VIRGIN ISLANDS, AND GUAM

[Figures are as of Apr. 1 except for Alaska, which are as of Oct. 1]

ITEM	ALASKA		HAWAII		PUERTO RICO	
	1929	1939	1930	1940	1930	1940
Number of farms, total.....	500	623	5,955	4,995	52,965	55,519
Operated by owners.....	330	471	1,437	1,345	43,101	42,990
Full owners.....	(1)	397	1,078	956	40,480	40,622
Part owners.....	(1)	74	359	389	2,621	2,368
Operated by managers.....	20	27	203	123	3,374	1,303
Operated by tenants.....	131	125	4,315	3,527	6,490	11,226
Land in farms, total <sup>1</sup> .....	525,942	1,775,752	2,315,026	2,435,648	1,979,474	1,825,874
Operated by owners.....	63,626	61,566	740,553	490,396	1,166,976	1,072,144
Full owners.....	(1)	43,522	61,398	41,966	1,040,161	931,931
Part owners.....	(1)	8,044	679,157	448,430	126,815	140,213
Operated by managers.....	176,474	526,619	1,463,744	1,882,113	676,760	573,699
Operated by tenants.....	285,842	1,197,567	610,727	113,139	135,738	240,031
Number of farms, by size <sup>2</sup> :						
Under 10 acres or cuerdas.....	88	75	3,407	2,870	30,520	29,370
10 to 19 acres or cuerdas.....	23	24	1,146	952	11,067	11,388
20 to 49 acres or cuerdas.....	26	26	906	739	8,835	8,575
50 to 99 acres or cuerdas.....	37	117	198	163	3,351	2,200
100 to 174 acres or cuerdas.....	156	190	83	60	1,570	1,394
175 to 250 acres or cuerdas.....	17	26	43	40	674	646
250 to 499 acres or cuerdas.....	71	45	83	26	581	594
500 acres or cuerdas and over.....	72	60	142	135	367	342
Land in farms, by size of farm <sup>3</sup> :						
Under 10 acres or cuerdas.....	233	307	13,627	11,344	131,432	143,438
10 to 19 acres or cuerdas.....	315	306	15,371	12,862	147,503	151,510
20 to 49 acres or cuerdas.....	1,284	3,288	26,842	23,030	204,712	268,563
50 to 99 acres or cuerdas.....	2,631	8,403	13,648	11,228	236,464	215,540
100 to 174 acres or cuerdas.....	23,630	28,293	10,385	7,579	201,928	191,678
175 to 250 acres or cuerdas.....	3,602	5,459	9,025	8,475	143,894	135,568
250 to 499 acres or cuerdas.....	24,130	15,041	11,518	12,955	196,061	206,789
500 acres or cuerdas and over.....	470,117	1,714,653	2,715,210	2,398,145	667,490	660,788
Value of farm property (\$1,000):						
Land and buildings.....	2,857	2,841	111,780	112,788	182,112	172,863
Buildings.....	1,206	2,140	17,423	17,829	16,948	16,556
Implements and machinery.....	453	377	14,158	13,805	4,617	8,445

ITEM	VIRGIN ISLANDS		Guam, 1940 <sup>1</sup>
	1930	1940	
Number of farms, total.....	329	628	2,489
Operated by owners.....	177	540	1,189
Full owners.....	146	498	(1)
Part owners.....	31	42	(1)
Operated by managers.....	69	88	---
Operated by tenants.....	83	230	---
Operated by lessees, renters, and borrowers (squatters).....	---	---	1,261
Land in farms, total.....	68,322	465,219	89,533
Operated by owners.....	37,190	24,107	37,130
Full owners.....	28,585	22,623	(1)
Part owners.....	8,605	1,484	(1)
Operated by managers.....	29,039	24,782	---
Operated by tenants.....	2,093	6,380	---
Operated by lessees, renters, and borrowers (squatters).....	---	---	22,413
Number of farms, by size:			
Under 10 acres.....	122	504	1,359
10 to 19 acres.....	34	145	436
20 to 49 acres.....	35	53	486
50 to 499 acres.....	96	96	159
500 acres and over.....	42	30	10
Land in farms, by size of farm:			
Under 10 acres.....	560	2,764	5,656
10 to 19 acres.....	483	1,816	5,671
20 to 49 acres.....	1,043	1,526	14,130
50 to 499 acres.....	23,249	20,092	16,794
500 acres and over.....	42,987	29,021	17,282
Value of farm property (\$1,000):			
Land and buildings.....	2,401	2,399	(1)
Buildings.....	666	771	(1)
Implements and machinery.....	73	113	(1)

## AMERICAN SAMOA

Number of farms, 1930.....	816	Farms operated by owners, 1940.....	799
Number of farms, 1940.....	1,038		

<sup>1</sup> Data not available.

<sup>2</sup> For Alaska and Hawaii, figures are for acres; for Puerto Rico, cuerdas. A cuerda is equivalent to 0.9712 acre.

<sup>3</sup> Number of farms reported for 1930, 2,104, no other data available.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Agriculture, Territories and Possessions.

## 24. Agriculture—Production and Related Subjects

The data in this section are, for the most part, from the Bureau of the Census, Department of Commerce, and from various bureaus in the United States Department of Agriculture. In general, statistics for agriculture census years are from the Bureau of the Census. Estimates for intervening years, and adjustments, where necessary, to a January 1 basis are from the Bureau of Agricultural Economics, United States Department of Agriculture.

The most extensive of the current survey data are gathered by the Bureau of Agricultural Economics from questionnaires handled in cooperation with the Post Office Department through its rural mail carriers. These surveys obtain livestock data in June and December and crop acreage data in October. For each survey the rural carrier distributes 10 to 20 cards to farmers on his route. The farmer is asked to complete his questionnaire for his own farm and return the card to his mail box.

In the data prepared by the Bureau of Agricultural Economics, estimates of crop acreage and production for the census years are set up currently on available information. Later, if necessary, these data are revised to a level based largely on the census enumerations. The estimates for intercensal years are based on sample data obtained each year from individual reporters. This information is supplemented by other data, such as State assessors' enumerations of agricultural information, crop meter frontage measurements, reports of carlot shipments, warehouse receipts, local surveys, personal observations by field statisticians as well as reports from other sources having a knowledge of farming, agricultural production, and processing. Cotton acreage and production are also based on sample data and, in large measure, on ginning information gathered by the Bureau of the Census. Usually, all known sources of information pertaining to agriculture in general, from the farm to the consumer's household are tapped for basic facts used in compiling current statistics on agriculture.

For each decade from 1840 through 1900, the Census of Agriculture was taken as of June 1. The four decennial censuses since then have been taken as of April 15, 1910; January 1, 1920; April 1, 1930; and April 1, 1940. The 1925, 1935, and 1945 quinquennial Censuses of Agriculture were taken as of January 1. Comparison of inventory numbers of livestock from census to census is seriously affected by a change in the date of enumeration. From January to April there are material changes in numbers on hand in most parts of the country due to births, marketings, farm slaughter, etc. In an effort to obtain as much comparability as possible the 3 censuses taken in April either excluded recently born animals from the enumeration or provided for their enumeration in a separate age group. Volume II of the 1945 Census of Agriculture Reports shows a complete history of the enumeration of livestock and presents discussion of the comparability from census to census.

For most kinds of domestic livestock, there are comparatively short, cyclic fluctuations in numbers, even though the trend over a long period of time may be definitely one direction. A single census may be taken at a time when such a cycle is at the peak or at the trough of numbers and hence gives no true indication of the long-time trend.

Annual inventory numbers of livestock on farms prepared by the Department of Agriculture together with estimates of livestock, dairy, and poultry production are based on information furnished by individual farmers, supplemented by State assessors' data in a number of States, and by such records as brand inspections, rail and truck shipments, and inspected slaughter. The level for these inventories is based in large part on census enumerations for years when census data are available.

Information on prices received by farmers for products they sell and prices paid for articles they buy for production and family living are obtained from about 85,000 farmers, local merchants, and handlers of agricultural products. Season average prices received by farmers are calculated by weighting midmonth prices by monthly sales during the crop marketing season, beginning with the first month when a particular crop harvest begins.

The index numbers of prices received and of prices paid by farmers consist of the aggregate value of a fixed quantity of goods, based on current midmonth prices for these commodities, expressed as a percentage of the aggregate value of the same quantity of goods in the base period. The ratio of the index of prices received to the index of prices paid by farmers measures the monthly variation in the per unit exchange value of farm products.

Data in imports and exports are now compiled by the Department of Commerce, Bureau of the Census, and are published in the annual report, Foreign Commerce and Navigation of the United States. (See section 30, Foreign Commerce of the United States.) The official trade statistics based on the fiscal year are usually preferable to data presented on a calendar year basis, for use in comparing imports and exports with crop production since, for most crops, they coincide more nearly with the crop year.



### No. 693.—FARM PRODUCTION—INDEXES OF VOLUME, BY MAJOR GROUPS OF PRODUCTS: 1931 TO 1947

[1935-39=100. Indexes based on estimates of production for sale and for consumption in farm homes. Excludes products fed to livestock or used for seed. Calendar year production of livestock and livestock products is compared with crop production of same year. Commodities covered by index contributed about 93 percent of gross farm income during 1935-39]

YEAR	All groups	CROPS						LIVESTOCK AND LIVESTOCK PRODUCTS			
		Total <sup>1</sup>	Food grains	Fruits and nuts	Vegetables except truck crops	Truck crops	Cotton and cotton-seed	Total <sup>2</sup>	Meat animals	Dairy products	Poultry and eggs
1931.....	102	104	114	98	98	83	128	100	103	96	101
1932.....	96	92	92	82	100	79	98	99	101	97	99
1933.....	96	85	69	81	93	76	98	103	108	98	100
1934.....	93	72	64	86	101	88	74	106	117	98	96
1935.....	91	89	81	95	104	92	81	93	90	98	92
1936.....	94	82	79	81	88	96	95	101	103	99	99
1937.....	106	117	115	113	107	102	144	98	96	99	101
1938.....	103	105	124	100	102	104	91	102	102	102	101
1939.....	106	107	101	111	99	106	89	106	109	102	108
1940.....	110	107	110	110	101	111	95	112	118	105	109
1941.....	113	109	131	113	100	116	83	115	118	110	116
1942.....	124	121	139	117	104	129	98	126	132	114	131
1943.....	128	114	116	108	125	124	87	137	150	113	152
1944.....	136	128	148	123	106	137	94	141	155	115	153
1945.....	133	122	155	112	110	142	68	140	147	119	163
1946.....	136	135	164	135	128	168	66	137	145	119	153
1947.....	135	131	196	130	104	147	89	137	146	120	152

<sup>1</sup> Includes following groups, not shown separately: Feed grains and hay, oilbearing crops, tobacco, sugar crops.

<sup>2</sup> Includes wool and mohair in addition to products included in groups shown.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics.

### No. 694.—PRICES RECEIVED BY FARMERS—INDEXES, BY MAJOR GROUPS OF PRODUCTS: 1910 TO 1947

[August 1909-July 1914=100. Indexes cover 45 major farm products]

PERIOD	All groups	CROPS							LIVESTOCK AND PRODUCTS		
		Food grains	Feed grains and hay	Tobacco	Cotton	Fruits	Truck crops	Oil bearing crops	Meat animals	Dairy products	Poultry and eggs
10-14.....	100	100	101	102	96	99	-----	98	101	100	101
15-19.....	162	193	164	187	168	125	-----	187	163	148	154
20-24.....	151	147	126	192	189	148	143	149	123	159	163
25-29.....	149	140	119	172	145	141	140	129	148	160	155
30-34.....	90	70	76	119	74	94	106	72	85	105	94
35-39.....	107	94	95	175	83	83	102	106	119	119	109
40.....	100	84	82	136	77	73	111	96	111	119	96
1.....	124	97	89	159	107	85	129	130	146	139	121
2.....	159	120	111	252	149	114	163	172	188	162	151
3.....	192	148	147	325	160	179	245	190	209	193	190
4.....	195	165	166	354	164	215	212	209	200	198	174
5.....	202	172	161	366	171	220	224	215	210	197	196
6.....	233	201	195	382	228	226	204	244	256	242	198
7.....	278	271	246	380	261	194	249	335	340	269	221
1946											
Jan.....	209	185	171	367	183	229	283	208	219	201	167
Feb.....	218	200	195	370	210	261	185	219	230	207	178
Mar.....	243	207	221	396	285	210	154	236	249	271	221
Apr.....	264	224	186	406	242	211	166	334	311	312	226
1947											
Jan.....	280	283	212	390	257	215	299	360	345	269	199
Feb.....	271	253	240	390	275	228	215	318	338	233	205
Mar.....	286	278	297	352	252	181	179	311	367	282	246
Apr.....	301	318	305	377	275	149	294	367	352	311	262

24 only.

Source: Department of Agriculture, Bureau of Agricultural Economics; published currently in Agricultural Statistics; also published in Crops and Markets.

# No. 695.—PRICES RECEIVED AND PAID BY FARMERS, AND WHOLESALE PRICES—INDEXES: 1910 TO 1947

[Prices received for farm products, August 1909–July 1914=100; other columns, 1910–14=100]

PERIOD	Prices received for farm products <sup>1</sup>	RETAIL PRICES PAID BY FARMERS FOR COMMODITIES BOUGHT			Ratio (%) of prices received to prices paid	Farm wage rates <sup>2</sup>	WHOLESALE PRICES <sup>3</sup>			
		Total	Living	Production			All commodities	Farm products	Foods	All other commodities
1910–14.....	100	100	100	100	100	100	100	100	100	100
1915–19.....	162	151	153	149	106	148	158	166	153	155
1920–24.....	151	161	172	147	93	178	160	149	155	170
1925–29.....	149	155	161	146	96	179	143	146	154	143
1930–34.....	90	122	123	121	73	115	107	89	111	113
1935–39.....	107	125	123	127	86	118	118	107	123	120
1940.....	100	122	121	124	82	126	115	95	111	123
1941.....	124	131	131	131	95	154	127	116	128	132
1942.....	159	152	154	149	105	201	144	149	154	141
1943.....	192	167	170	163	115	264	151	172	165	144
1944.....	195	176	178	173	111	315	152	173	163	146
1945.....	202	180	185	174	112	350	154	180	165	148
1946.....	233	202	210	192	115	378	177	209	203	162
1947.....	278	246	256	233	113	408	222	254	261	200
1946										
March.....	209	187	194	177	112	355	159	187	170	151
June.....	218	196	201	190	111	390	165	196	175	156
September.....	243	210	217	200	116	389	181	216	204	166
December.....	264	225	239	207	117	383	206	236	248	185
1947										
March.....	280	240	252	224	117	389	218	256	260	194
June.....	271	244	252	233	111	416	216	250	251	195
September.....	286	253	259	246	113	416	230	261	278	205
December.....	301	262	268	254	115	408	238	276	277	216

<sup>1</sup> Series revised January 1944.

<sup>2</sup> Monthly data, 1946–47, are wages on first of month following the one specified in stub.

<sup>3</sup> Monthly averages. Bureau of Labor Statistics index on 1926 base converted to 1910–14 base.

Source: Department of Agriculture, Bureau of Agricultural Economics, except as noted; annual report, Agricultural Statistics. Indexes for local market prices and farm wage rates published currently in Agricultural Prices; also published in Crops and Markets.

# No. 696.—AGRICULTURAL PRODUCTS EXPORTED—VALUE OF CHIEF PRODUCTS: 1921 TO 1946

[In millions of dollars. Excludes reexports of foreign products]

PRODUCTS	1921–1925, average	1926–1930, average	1931–1935, average	1936–1940, average	1941–1945, average	1943	1944	1945	1946
Total.....	2,013.2	1,691.6	731.7	701.2	1,654.5	2,074.2	2,096.3	2,253.9	3,149.7
Live animals.....	10.0	5.8	1.5	1.8	3.5	1.5	5.2	8.3	28.4
Meats.....	133.2	71.4	23.7	21.3	373.2	610.8	525.6	284.1	335.7
Eggs and dairy products.....	38.8	23.6	6.9	8.6	376.6	457.0	563.6	425.2	450.2
Animal fats and oils.....	144.1	116.1	37.0	18.2	109.2	144.1	162.9	102.8	95.3
Hides and skins.....	7.6	9.0	3.2	4.5	1.1	.4	.4	1.4	11.8
Bread grains <sup>1</sup> .....	363.9	248.5	40.4	58.6	112.6	64.9	83.5	347.7	633.5
Coarse grains.....	97.0	59.0	9.3	38.8	30.5	18.6	31.8	59.5	92.0
Rice.....	11.9	10.8	4.7	6.9	30.2	40.6	34.5	36.1	61.5
Fodders and feeds.....	26.7	27.2	9.3	9.5	3.9	1.7	2.9	10.5	4.9
Vegetables.....	16.4	18.7	8.0	13.2	59.0	54.7	71.9	101.5	74.6
Fruits and preparations.....	81.5	120.8	83.2	74.0	83.8	78.2	119.7	119.7	153.3
Vegetable oils (expressed), oil-seeds, and nuts.....	18.8	12.1	6.5	11.3	46.1	75.4	73.6	46.9	55.1
Coffee and substitutes.....	6.5	4.9	1.9	2.2	1.2	1.0	.7	1.7	9.1
Sugar and related products.....	48.1	13.9	4.8	8.1	26.8	53.6	32.1	25.4	45.8
Seeds, except oilseeds.....	3.8	3.5	1.9	2.5	13.0	19.0	15.1	16.2	23.7
Tobacco.....	164.6	144.5	103.7	109.8	137.7	170.3	146.4	238.8	351.8
Cotton.....	805.0	765.7	366.5	282.9	151.7	184.2	114.6	278.7	538.2
Wool and hair.....	1.6	2.3	1.5	2.1	6.8	11.5	3.3	16.6	9.8
All other.....	83.6	33.9	17.6	27.1	87.5	86.7	106.5	132.7	166.0

<sup>1</sup> Wheat and rye; flour and flour products.

Source: Dept. of Commerce, Bur. of Foreign and Domestic Commerce through April 1941, Bureau of the Census thereafter; annual report, Foreign Commerce and Navigation of the U. S. See general note p. 899.

**No. 697.—AGRICULTURAL PRODUCTS EXPORTED—VALUE, BY MAJOR GROUPS:  
1921 TO 1946**

[In millions of dollars. Excludes reexports of foreign products]

PERIOD	Total agricul- tural exports	Animals and prod- ucts, edible	Dairy prod- ucts and eggs	Grains and prepara- tions	Vege- tables, fruits, and nuts	Miscel- laneous animal and vegetable products	Cotton	To- bacco
1921-1925, average	2,013.2	283.2	38.8	474.3	102.0	145.3	805.0	164.6
1926-1930, average	1,691.6	189.8	23.6	318.6	144.3	105.1	765.7	144.5
1931-1935, average	731.7	63.9	6.9	55.4	94.4	40.8	366.5	103.7
1936-1940, average	701.2	44.6	8.6	104.6	91.4	59.2	282.9	109.8
1939	655.1	54.2	7.8	99.5	100.5	72.7	243.0	77.4
1940	516.6	36.2	18.1	76.4	55.3	73.3	213.4	44.0
1941	669.0	140.9	130.8	81.3	92.3	75.8	82.6	65.3
1942	1,178.9	453.2	306.3	68.6	88.2	96.3	98.6	67.8
1943	2,074.2	761.8	457.0	125.3	158.3	217.2	184.2	170.3
1944	2,096.3	700.1	563.6	150.6	232.0	189.0	114.6	146.4
1945	2,253.9	397.4	425.2	444.2	282.8	186.8	278.7	238.8
1946	3,140.7	446.4	450.2	789.0	314.6	250.6	538.2	351.8

**No. 698.—AGRICULTURAL PRODUCTS IMPORTED<sup>1</sup>—VALUE, BY MAJOR GROUPS:  
1926 TO 1946**

[In millions of dollars]

GROUP	1926-30, average	1931-35, average	1936-40, average	1941-45, average	1943	1944	1945	1946
Agricultural imports, <sup>2</sup> total			1,249.1	1,596.7	1,514.0	1,819.2	1,709.6	2,292.1
Commodities listed, total	2,010.6	822.3	1,177.9	1,528.0	1,465.9	1,749.4	1,619.0	2,148.0
Animals and products, edible	50.1	16.1	45.7	52.4	54.4	52.1	55.7	49.2
Dairy products and eggs	38.2	14.2	14.2	5.8	5.5	3.4	4.7	11.8
Hides and skins, except reptile	116.9	38.6	50.1	66.2	65.0	59.3	47.3	71.3
Animal fats, inedible	2.1	3.5	1.1	2.7	2.3	4.1	2.5	.3
Grains and preparations	24.5	28.2	44.3	112.3	144.0	300.1	79.4	24.8
Fodders and feeds	14.8	6.7	11.3	16.4	15.3	23.2	20.3	26.5
Vegetables, fruits, nuts	125.5	66.3	79.3	93.0	75.8	105.2	152.7	195.2
Vegetable oils (expressed) and oilseeds	147.9	71.7	112.9	84.4	83.2	97.3	83.5	126.2
Cocoa, coffee, tea, spices	373.4	188.4	204.1	347.5	354.0	417.2	444.2	593.0
Sugar and related products	222.2	122.0	152.1	207.6	216.1	275.4	226.1	214.3
Beverages, excluding spirits	.8	6.1	11.4	14.0	13.9	28.7	17.0	31.0
Crude rubber	294.4	74.6	206.3	151.8	36.3	79.4	104.9	231.3
Tobacco, unmanufactured	57.0	27.1	34.3	50.5	41.9	60.3	75.4	85.9
Cotton, unmanufactured	42.7	7.4	11.4	20.2	17.3	12.8	28.7	49.7
Wool and mohair, unmanufactured	78.8	18.7	61.3	247.9	295.8	186.2	241.3	289.7
Raw silk	368.2	115.1	108.7	12.6	( <sup>3</sup> )	-----	1.1	101.2
Vegetable fibers, except cotton and silk	52.8	17.8	29.4	42.6	45.2	44.8	34.3	46.5

<sup>1</sup> General imports through 1932, imports for consumption thereafter. Excludes distilled liquors and candy.

<sup>2</sup> Value of total agricultural imports not available on calendar year basis prior to 1934.

<sup>3</sup> Less than \$50,000.

**No. 699.—AGRICULTURAL PRODUCTS EXPORTED—INDEXES OF QUANTITY: 1936 TO 1947**

[January 1924-December 1929=100. Average of monthly index not adjusted for seasonal variation]

YEAR ENDING JUNE 30—	Total <sup>1</sup>	Cotton, including linters	Agricul- tural, ex- cept cotton	Tobacco, unmanu- factured	Fruits	Wheat and flour	Other grains	Cured pork	Lard, in- cluding neutral
36	57	76	40	86	118	8	15	15	11
37	51	68	36	82	88	12	9	13	13
38	70	70	70	94	114	58	141	16	24
39	57	43	70	95	137	63	95	21	30
40	63	77	50	67	88	29	58	17	33
41	25	15	34	35	38	22	46	7	24
42	49	14	82	61	62	19	51	70	84
43	55	15	92	62	52	18	36	81	70
44	67	15	115	74	70	27	39	75	106
45	64	20	105	97	69	31	49	39	109
46	96	43	146	110	75	175	69	6	57
47 <sup>2</sup>	101	46	159	122	99	201	168	8	41

Based on data for 74 agricultural export classifications.

Includes exports under the Army Civilian Supply Program.

Sources: Tables 697 and 698: Dept. of Commerce, Bureau of Foreign and Domestic Commerce, through April 1, Bureau of the Census thereafter; annual report, Foreign Commerce and Navigation of the U. S. See general e, p. 899. Table 699: Dept. of Agriculture, Office of Foreign Agricultural Relations; compiled from official rds of Bureau of Foreign and Domestic Commerce and Bureau of Census.

## No. 700.—AGRICULTURAL PRODUCTS IMPORTED—INDEXES OF QUANTITY: 1936 TO 1947

[January 1924–December 1929 = 100. Average of monthly index not adjusted for seasonal variation]

YEAR ENDING JUNE 30—	Total <sup>1</sup>	Com- ple- men- tary <sup>2</sup>	Supple- men- tary <sup>3</sup>	Wool (excl. free for carpets)	Hides and skins	Dairy prod- ucts	Sugar	Vegetable oils and oilseeds	Grains, grain products, and feeds	To- bacco, leaf
1936.....	183	108	98	70	81	56	80	143	325	72
1937.....	116	115	118	126	83	80	75	164	580	74
1938.....	92	102	80	30	80	42	73	134	146	68
1939.....	91	102	77	46	71	50	66	116	79	75
1940.....	162	113	87	112	76	61	83	105	111	75
1941.....	128	146	104	328	164	22	89	93	119	79
1942.....	102	100	104	389	116	32	62	96	119	77
1943.....	74	44	122	896	111	26	46	43	220	92
1944.....	59	61	125	488	70	21	62	57	906	80
1945.....	54	69	105	381	67	8	91	58	416	85
1946.....	57	82	93	346	45	17	63	43	121	84
1947.....	102	104	96	457	51	21	72	51	83	100

<sup>1</sup> Based on data for 123 agricultural import classifications.<sup>2</sup> Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such United States commodities. Complementary agricultural imports include all others, about 95 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, teas, and spices.

Source: Department of Agriculture, Office of Foreign Agricultural Relations; compiled from official records of the Bureau of Foreign and Domestic Commerce and of the Bureau of the Census. 1943–47 data appear in Foreign Agricultural Trade, June 1947.

## No. 701.—AGRICULTURAL AND FOREST PRODUCTS—EXPORTS AND IMPORTS: 1857 TO 1947

[All figures, except percentages, in thousands of dollars. Crude rubber and similar gums (now mainly plantation products) are included in agricultural products and excluded from forest products]

YEARLY AVERAGE OR YEAR ENDING JUNE 30—	AGRICULTURAL EXPORTS <sup>1</sup> (EXCL. FOREST PRODUCTS)			AGRICULTURAL IM- PORTS <sup>1,2</sup> (EXCL. FOREST PRODUCTS)		FOREST PRODUCTS		
	Domestic products		Foreign products (reex- ports)	Total	Percent of all imports	Exports		Imports
	Total	Percent of all exports <sup>3</sup>				Domestic products	Foreign products (reex- ports)	
1857–1861.....	213,794	80.4	10,175	117,600	37.1	9,995	764	5,906
1862–1866.....	146,967	74.7	9,158	122,350	43.0	7,366	714	7,194
1867–1871.....	249,008	74.6	8,631	181,057	42.6	11,775	443	11,625
1872–1876.....	303,964	78.3	9,614	266,082	47.0	17,907	635	14,403
1877–1881.....	589,175	80.1	8,699	271,910	51.4	17,579	439	14,610
1882–1886.....	554,681	75.9	9,724	322,486	48.4	24,705	955	21,354
1887–1891.....	671,948	74.6	7,222	378,398	49.8	26,051	1,152	24,630
1892–1896.....	685,615	72.7	9,563	413,308	53.6	29,276	734	27,448
1897–1901.....	825,762	65.8	12,929	400,955	53.4	45,961	1,236	25,172
1902–1906.....	877,708	59.4	14,488	523,211	49.7	63,585	1,219	40,960
1907–1911.....	973,869	58.6	16,767	701,134	49.9	88,764	1,603	55,822
1912–1916.....	1,254,296	45.1	27,896	1,023,822	55.4	92,129	1,768	81,467
1917–1921.....	2,855,982	42.6	82,668	2,162,428	61.5	120,260	3,596	166,962
1922–1926.....	1,930,399	48.9	88,627	1,981,744	54.8	141,078	1,715	214,824
1927–1931.....	1,620,818	35.9	37,773	1,942,881	51.2	156,620	1,458	206,676
1932–1936.....	712,828	36.4	20,294	872,209	50.9	70,253	400	104,424
1937–1941.....	678,734	20.3	32,278	1,280,716	51.0	86,751	921	148,985
1934.....	787,343	20.2	21,228	838,952	50.1	72,912	401	109,149
1935.....	668,713	32.1	20,262	933,774	52.3	82,786	367	106,449
1936.....	766,303	32.3	22,474	1,141,191	51.7	86,661	628	136,437
1937.....	732,474	26.2	25,411	1,536,695	53.1	101,232	576	160,975
1938.....	890,771	25.0	25,023	1,155,136	49.6	95,847	777	145,404
1939.....	682,962	23.7	19,462	998,648	48.0	66,839	483	135,462
1940.....	787,640	19.7	48,070	1,238,999	50.6	83,749	1,070	152,793
1941.....	349,821	8.6	43,425	1,473,661	52.5	86,645	1,729	180,289
1942.....	1,030,162	16.0	52,431	1,503,110	49.0	79,075	1,622	208,714
1943.....	1,486,631	14.6	61,865	1,344,263	44.7	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
1944.....	2,389,376	15.4	84,147	1,774,149	46.8	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
1945.....	2,143,495	17.1	80,750	1,729,154	43.6	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
1946.....	2,836,115	33.6	185,639	1,885,604	44.9	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
1947 <sup>5</sup> .....	3,575,467	28.1	137,076	2,716,462	50.4	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )

<sup>1</sup> Figures revised to exclude distilled liquor.<sup>2</sup> Based on total exports of domestic merchandise.<sup>3</sup> Imports for consumption beginning with 1934; general imports prior thereto.<sup>4</sup> Not available.<sup>5</sup> 1947 exports include exports under the Army Civilian Supply Program.

Source: Department of Agriculture, Office of Foreign Agricultural Relations; annual report, Agricultural Statistics. Based on data compiled by Department of Commerce, Bureau of Foreign and Domestic Commerce and Bureau of the Census, and predecessor organizations. See source note, table 700.

## No. 702.—CROP PRODUCTION—INDEXES FOR IMPORTANT CROPS: 1926 TO 1947

YEAR	PRODUCTION AS PERCENT OF 1923-32 (PRE-DROUGHT) AVERAGE <sup>1</sup>					YEAR	PRODUCTION AS PERCENT OF 1923-32 (PRE-DROUGHT) AVERAGE <sup>1</sup>				
	22 field crops :	18 vegetables		13 fruits :	53 crops		22 field crops :	18 vegetables		13 fruits :	53 crops
		8 for proo- cessing :	17 for mar- ket :					8 for proo- cessing :	17 for mar- ket :		
1926.....	100.8	96.8	89.1	114.5	101.4	1937.....	109.5	146.9	128.5	125.3	111.5
1927.....	101.1	85.4	98.0	83.8	99.6	1938.....	101.8	142.1	136.3	119.3	104.4
1928.....	104.3	95.0	100.9	115.1	104.9	1939.....	99.3	127.4	140.3	125.4	102.7
1929.....	99.7	117.4	118.8	86.7	99.4	1940.....	104.5	157.5	138.2	126.1	107.5
1930.....	94.2	131.6	121.3	106.6	96.4	1941.....	106.5	193.4	135.7	130.0	109.8
1931.....	104.0	90.9	118.5	117.0	105.3	1942.....	120.9	231.6	141.8	135.2	123.4
1932.....	101.8	73.5	121.6	101.2	102.1	1943.....	113.8	210.2	139.6	125.3	116.1
1933.....	87.3	79.8	113.1	98.3	88.8	1944.....	118.8	219.9	156.9	141.3	122.4
1934.....	67.5	98.7	124.0	99.2	71.7	1945.....	115.8	222.3	164.9	132.6	119.3
1935.....	93.3	130.0	121.5	104.6	95.2	1946.....	120.5	253.8	181.9	154.2	125.8
1936.....	76.2	124.8	127.6	94.4	79.4	1947.....	114.9	221.7	160.1	149.6	119.7

<sup>1</sup> Relative production as indicated by multiplying production of crops of each year by 1927-32 average prices and dividing aggregate for each year by average aggregate for same crops during 1923-32 (predrought) period.

<sup>2</sup> Corn, oats, barley, sorghums for grain, wheat, rye, buckwheat, rice, flaxseed, cotton, all hay, sorghums for forage and silage, dry edible beans, soybeans for beans, peanuts, potatoes, sweetpotatoes, tobacco, sorgo sirup, sugarcane, sugar beets, and cowpeas.

<sup>3</sup> Asparagus, snap beans, cabbage, sweet corn, cucumbers, peas, spinach, and tomatoes.

<sup>4</sup> Asparagus, snap beans, cabbage, cantaloupes (including honeydews, honeyballs, and miscellaneous melons), carrots, cauliflower, celery, cucumbers, lettuce, onions, peas, spinach, tomatoes, watermelons, beets, eggplant, and peppers. Excludes production of farm gardens, home gardens, and most of market gardens.

<sup>5</sup> Apples, peaches, pears, grapes, plums, prunes, oranges, grapefruit, lemons, apricots, strawberries, cranberries, and olives.

Source: Department of Agriculture, Bureau of Agricultural Economics; published in Crops and Markets and in annual summary, Acreage, Yield, and Production of Principal Crops.

## No. 708.—ACREAGE LOSSES—ESTIMATED ACREAGES OF CERTAIN CROPS PLANTED AND NOT HARVESTED: 1929 TO 1947

[In thousands of acres. Acreages for winter wheat represent areas sown preceding fall and not harvested, thus including considerable land subsequently planted to other crops. Acreages for cotton include more than 10 million acres plowed under in 1933. Excludes acreages of grains cut for hay. Totals do not show total crop losses chiefly because of large acreage of hay land which produced only pasturage in some dry seasons]

YEAR	Total	Corn	Winter wheat	All spring wheat	Oats	Barley	Sorghums	Flaxseed	Cotton	Beans, dry edible	Other crops <sup>1</sup>
1929.....	7,732	1,325	2,904	881	2,381	1,139	452	337	1,216	79	226
1930.....	9,654	2,450	4,137	785	2,761	952	565	701	885	106	225
1931.....	14,771	2,498	2,427	6,332	4,290	2,639	404	1,342	406	196	211
1932.....	13,677	2,447	7,527	903	3,849	1,349	912	732	603	194	179
1933.....	42,274	3,912	14,454	5,131	7,246	4,559	814	496	10,865	166	190
1934.....	44,228	8,370	10,153	10,564	11,012	5,447	2,888	607	994	524	462
1935.....	25,840	4,000	13,834	4,472	3,490	1,520	1,872	293	554	222	204
1936.....	46,394	8,805	12,042	12,803	8,280	4,508	2,593	1,447	872	324	349
1937.....	24,569	3,244	10,770	5,875	4,285	2,377	1,260	403	467	216	213
1938.....	15,821	2,313	6,897	2,887	3,348	1,561	1,289	127	770	116	214
1939.....	20,761	3,360	8,473	1,660	4,743	2,774	2,184	168	878	197	237
1940.....	16,320	2,263	7,441	1,106	3,884	2,164	1,838	182	1,010	176	237
1941.....	12,344	1,480	6,267	505	3,680	1,581	895	196	894	231	252
1942.....	12,013	1,451	2,835	392	4,821	2,728	1,078	290	700	177	265
1943.....	13,764	2,281	3,952	677	4,553	2,574	1,313	491	290	237	296
1944.....	12,630	1,461	5,696	745	4,132	2,036	420	277	339	159	263
1945.....	10,399	1,648	3,426	584	3,956	1,253	1,161	168	503	171	257
1946.....	9,757	1,299	3,845	616	3,344	1,116	915	209	575	81	214
1947.....	9,485	2,187	3,288	473	3,853	1,083	403	131	239	80	202

Includes rice, buckwheat, potatoes, sweetpotatoes, sugar beets, and dry field peas.

Source: Department of Agriculture, Bureau of Agricultural Economics; published in Crops and Markets and in annual summary, Acreage, Yield, and Production of Principal Crops.

**No. 704.—SUMMARY FOR SPECIFIED CROPS—ACREAGE AND VALUE OF PRODUCTION  
WITH COMPARATIVE DATA FOR ALL CROPS AND CROPLAND HARVESTED: 1879 TO 1944**

[Minus sign (—) denotes decrease]

CROP AND YEAR	ACREAGE (THOUSANDS)			VALUE (THOUSANDS OF DOLLARS)			Average value per acre (dollars)
	Total	Increase		Total	Increase		
		Acres	Percent		Amount	Percent	
Cropland harvested:							
1918 <sup>1</sup>	348,604						
1924	344,549	-4,054	-1.2				
1929	359,242	14,693	4.3				
1934	295,624	-63,618	-17.7				
1939	321,242	25,618	8.7				
1944	352,666	31,423	9.8				
Specified crops, total:							
1929	356,205	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1934	297,107	-59,098	-16.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1939	316,546	19,439	6.5	5,644,454	( <sup>2</sup> )	( <sup>2</sup> )	17.83
1944	349,603	33,257	10.5	14,439,931	8,795,477	155.8	41.26
Field crops: <sup>4</sup>							
1919	344,967			( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1924	334,316	-10,651	-3.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1929	340,939	12,624	3.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1934	286,886	-54,053	-17.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1939	308,148	21,262	7.4	4,715,613	( <sup>2</sup> )	( <sup>2</sup> )	15.30
1944	340,246	32,099	10.4	11,891,732	7,175,919	162.2	34.96
Vegetables: <sup>4</sup>							
1919	1,424			( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1929	2,812	1,387	97.4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1934	3,774	962	34.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1939	3,063	-720	-19.1	410,916	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1944	4,370	1,317	43.1	1,032,626	621,710	161.3	( <sup>2</sup> )
Fruits and nuts and horticultural specialties: <sup>5</sup>							
1929	6,484	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1934	6,448	-36	-.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1939	5,345	-1,102	-17.1	517,724	( <sup>2</sup> )	( <sup>2</sup> )	96.85
1944	5,187	-159	-3.0	1,515,572	997,848	192.7	292.21
All crops: <sup>6</sup>							
1879	166,187			( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1899	219,706	53,519	32.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1909	263,218	43,513	28.9	2,668,060	( <sup>2</sup> )	( <sup>2</sup> )	10.20
1909	311,293	28,075	9.9	5,287,774	2,399,724	93.1	16.99
1919 <sup>1</sup>	348,604	37,310	12.0	14,646,178	9,358,404	177.0	42.01
1924	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	7,472,535	-7,173,643	-49.0	( <sup>2</sup> )
1929	356,088	( <sup>2</sup> )	( <sup>2</sup> )	8,223,515	750,980	10.0	22.97
1934	296,642	-59,446	-16.6	4,479,015	-3,744,500	-45.5	18.00
1939	319,124	20,482	6.9	5,705,464	1,226,449	27.4	17.68
Field crops: <sup>4</sup>							
1899	292,840			2,725,292			9.64
1909	309,913	27,073	9.6	4,942,666	2,217,374	81.4	15.95
1919 <sup>1</sup>	346,875	36,963	11.9	13,272,598	8,329,932	159.5	38.26
1929	348,783	1,908	0.6	6,900,066	-6,372,502	-48.0	19.78
1934	288,421	-60,362	-17.3	3,949,725	-2,960,371	-42.8	13.60
1939	310,546	22,125	7.7	4,763,656	813,931	20.6	15.34
Vegetables: <sup>4</sup>							
1909	1,009			66,749	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1919	1,424	415	41.1	534,436	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1929	2,812	1,387	97.4	522,010	-12,426	-2.3	( <sup>2</sup> )
1934	3,774	962	24.2	137,029	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1939	3,063	-720	-19.1	410,916	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Fruits and nuts and horticultural specialties: <sup>5</sup>							
1899	10,279			162,757			( <sup>2</sup> )
1909	10,371	-7	-1.9	279,358	116,601	71.6	( <sup>2</sup> )
1919	10,304	-67	-18.1	839,144	659,785	200.4	( <sup>2</sup> )
1929	11,473	( <sup>2</sup> )	( <sup>2</sup> )	801,409	-37,735	-4.5	123.81
1934	7,646	-3,827	-49.4	392,261	-409,148	-51.1	60.84
1939	9,525	1,879	24.3	530,892	138,631	35.3	96.09

<sup>1</sup> Excludes 14,503,000 acres of corn cut for fodder, valued at \$206,935,000, probably duplicated in acreage of corn harvested for grain. 3,107,000 acres of mature crops hogged off (corn, velvetbeans, soybeans, peanuts, sweet potatoes, etc.) also excluded.

<sup>2</sup> Total acreage of crops for which figures are available.

<sup>3</sup> Not available, or data not comparable.

<sup>4</sup> Irish and sweet potatoes included with "field crops," not with "vegetables." Acreage of vegetables represents acres of vegetables harvested for sale only; acreage in farm gardens not available. Value includes both vegetables for home use and for sale.

<sup>5</sup> Excludes acreage of horticultural specialties (not available for 1944); value includes horticultural specialties.

<sup>6</sup> Excludes acreage for alfalfa, clover, and grass seeds harvested, probably duplicated in hay acreage.

<sup>7</sup> Only strawberries reported in small fruits; other small fruits included in field crops.

<sup>8</sup> Vegetables for sale.

<sup>9</sup> Farm garden vegetables for home use only.

<sup>10</sup> Acreage in fruit orchards, vineyards, and planted nut trees not secured prior to 1930.

<sup>11</sup> Excludes acreage for horticultural specialties.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.



## No. 705.—CROPS—ACREAGE, PRODUCTION, AND VALUE, BY KIND: 1939 AND 1944

[Leaders indicate no data available]

CROP	ACREAGE (THOUSANDS)		PRODUCTION (1,000 UNITS)			VALUE (\$1,000)	
	1939	1944	Unit	1939	1944	1939	1944
<b>Specified crops, harvested, total</b>	<b>216,545</b>	<b>242,802</b>				<b>5,544,454</b>	<b>14,439,931</b>
<b>Field crops, total <sup>1</sup></b>	<b>208,149</b>	<b>240,348</b>				<b>4,715,813</b>	<b>11,891,732</b>
Corn for all purposes <sup>2</sup>	86,990	92,259				1,475,004	3,291,109
Harvested for grain	77,432	84,349	Bushel	2,311,400	2,788,432	1,305,151	3,009,866
For purposes other than for grain	9,558	7,910				169,853	281,244
Sorghums for all purposes, except for syrup	13,998	17,294				104,272	306,980
Harvested for grain	4,693	9,051	Bushel	52,442	177,703	29,633	138,146
For purposes other than for grain and syrup	9,304	8,164				74,639	150,835
For hay or dry forage <sup>3</sup>	8,420	7,328	Ton	10,162	11,132	57,691	117,892
All wheat threshed <sup>4</sup>	50,528	58,286	Bushel	708,852	1,032,660	491,699	1,458,641
Winter wheat <sup>5</sup>	36,136	40,200	do	542,749	734,883	376,680	1,047,064
Spring wheat, including durum and macaroni <sup>6</sup>	14,390	18,027	do	166,103	297,777	115,049	411,587
Oats threshed or cut for feeding un- threshed <sup>7</sup>	32,307	39,612				289,072	604,872
Oats threshed	29,933	35,425	Bushel	870,259	1,041,112	269,694	721,162
Oats cut for feeding unthreshed	2,374	4,187				19,377	83,710
Barley threshed <sup>8</sup>	12,024	11,694	Bushel	260,981	261,425	106,847	262,269
Rye threshed	3,556	2,023	do	35,844	21,349	15,852	23,256
Mixed grains threshed <sup>9</sup>	1,567	1,146	do	39,322	30,812	18,000	31,225
Flax threshed <sup>10</sup>	2,081	2,477	do	18,829	20,766	27,519	60,394
Rice (rough or paddy) threshed <sup>11</sup>	851	1,394	do	43,807	65,044	32,206	114,193
<b>Annual legumes harvested for beans, peas, or nuts:</b>							
Soybeans harvested for beans <sup>12</sup>	4,274	8,724	Bushel	87,591	187,726	71,946	389,512
Cowpeas harvested for peas <sup>13</sup>	1,896		do	5,959	3,603	8,314	13,182
Peanuts harvested for nuts <sup>14</sup>	1,787	2,958	Pound	1,155,316	2,008,856	39,169	162,727
All dry field and seed beans harvested other than velvet beans and soy- beans <sup>15</sup>	1,586	1,898	Bushel	22,666	20,075	46,527	97,802
All dry field and seed peas harvested other than cowpeas and Austrian peas <sup>16</sup>	214	697	do	3,791	14,285	6,370	42,064
<b>All hay, excluding sorghums for hay <sup>17</sup></b>	<b>65,970</b>	<b>72,367</b>	<b>Ton</b>	<b>82,412</b>	<b>99,305</b>	<b>701,510</b>	<b>1,726,196</b>
Soybeans and cowpeas harvested for hay <sup>18</sup>		3,072	do		3,350		
Peanut vines saved for hay <sup>19</sup>		90	do		1,041		17,307
Vetches cut for hay <sup>20</sup>			do		182		3,445
Annual legumes saved for hay	7,187		do	8,380		74,186	
Alfalfa cut for hay	12,803	14,977	do	25,652	32,670	236,162	606,966
Clover or timothy (alone or mixed) cut for hay	17,274	22,603	do	20,660	30,749	195,454	583,028
Sweet clover cut for hay	1,147		do	1,357		7,189	
Lespedeza cut for hay <sup>21</sup>	4,698	5,941	do	5,047	5,569	61,427	132,475
Small grains cut for hay <sup>22</sup>	3,690	1,542	do	3,898	1,694	31,368	30,950
Other tame hay cut	7,220	8,534	do	7,600	9,438	60,740	146,739
Wild hay cut	11,961	15,526	do	9,828	14,422	44,994	128,482
Alfalfa seed harvested <sup>23</sup>	1,010	827	Bushel	1,454	946	12,681	19,527
Red clover seed harvested <sup>24</sup>	1,528	1,914	do	2,061	1,603	16,474	30,294
Spodopora seed harvested <sup>25</sup>	606	811	Pound	102,848	174,183	4,214	14,221
Timothy seed harvested <sup>26</sup>		75	Bushel		621		2,666
Cotton harvested <sup>27</sup>	22,811	18,962	Bale	11,481	11,838	538,150	1,266,373
Cottonseed <sup>28</sup>			Ton	5,259	4,896	110,938	260,465
Tobacco harvested <sup>29</sup>	1,853	1,630	Pound	1,699,728	1,778,769	258,990	740,747
Sugarcane for sugar and/or syrup <sup>30</sup>	375	357				22,072	39,476
Sugarcane harvested for sugar or for sale to mills <sup>31</sup>	248	269	Ton	5,366	5,061	15,359	25,548
Sugarcane harvested for syrup <sup>32</sup>	127	88	Gallon	16,205	13,046	7,714	13,928
Beets harvested for sugar <sup>33</sup>	867	546	Ton	10,300	6,841	48,915	72,312
Peas harvested for nuts <sup>34</sup>						50	127
Peas hogged off <sup>35</sup>							356
Peas harvested <sup>36</sup>						7,944	21,516
Potatoes harvested	2,644	2,537	Bushel	318,256	356,547	217,392	519,678
Potatoes and yams harvested <sup>37</sup>	690	673	do	68,668	63,288	43,384	118,423

<sup>1</sup> footnotes, see next page.

**No. 705.—CROPS—ACREAGE, PRODUCTION, AND VALUE, BY KIND:  
1939 AND 1944—Continued**

CROP	ACREAGE (THOUSANDS)		PRODUCTION (1,000 UNITS)			VALUE (\$1,000)	
	1939	1944	Unit	1939	1944	1939	1944
Vegetables, total <sup>1</sup>	3, 053	4, 370				410, 916	1, 032, 636
Vegetables grown for home use (exclud- ing Irish and sweet potatoes)						210, 900	450, 023
Vegetables harvested for sale (exclud- ing Irish and sweet potatoes)	3, 053	4, 370				200, 016	578, 613
Fruits and nuts and hortical- tural specialties, total <sup>1</sup>	5, 345	5, 187				517, 724	1, 515, 573
Specified small fruits <sup>2</sup>	301	186				41, 876	47, 013
Apples <sup>3</sup>			Bushel	150, 083	135, 908	91, 150	268, 379
Cherries <sup>3</sup>			Pound	310, 437	344, 236	9, 883	35, 895
Peaches			Bushel	56, 577	68, 011	45, 831	136, 180
Apricots <sup>3</sup>			do	11, 548	12, 799	9, 374	33, 263
Pears			do	24, 981	27, 788	18, 552	63, 178
Plums and prunes			do	25, 646	19, 525	19, 281	44, 909
Grapes			Pound	4, 409, 453	6, 240, 034	37, 790	211, 561
Oranges, including satsumas, tangerines, and mandarins <sup>3</sup>			Ton	2, 873	3, 020	61, 193	245, 080
Grapefruit <sup>3</sup>			do	1, 236	1, 547	14, 304	61, 487
Lemons <sup>3</sup>			do	403	469	15, 472	39, 734
Limes <sup>3</sup>			Pound	6, 994	8, 578	224	846
Almonds <sup>3</sup>			do	47, 911	54, 184	4, 921	30, 807
Filberts and hazelnuts <sup>3</sup>			do	8, 217	11, 414	701	3, 118
Pecans (improved and seedling) <sup>3</sup>			do	72, 835	95, 180	7, 418	21, 553
Walnuts, English or Persian <sup>3</sup>			do	128, 454	120, 511	10, 629	27, 476
Tung nuts <sup>3</sup>			do	2, 321	62, 693	53	3, 130
Horticultural specialties						129, 575	231, 230

<sup>1</sup> Irish potatoes and sweetpotatoes included with "field crops," not with "vegetables."

<sup>2</sup> Excludes sweet corn, popcorn, "Egyptian corn," kafir, and milo maize.

<sup>3</sup> Figures for 1944 are not fully comparable with those for 1939. 1944 totals are for States for which a separate inquiry was carried on schedule. For further discussion, see 1945 Census of Agriculture, Vol. II.

<sup>4</sup> Oat hay included with small grains cut for hay.

<sup>5</sup> Excludes flax and wheat mixture.

<sup>6</sup> Clover seed except sweet clover.

<sup>7</sup> Represents acreage of vegetables harvested for sale only; acreage in farm gardens not available.

<sup>8</sup> Acreage of horticultural specialties not available for 1944 and therefore excluded for 1939; value includes horticultural specialties.

<sup>9</sup> Includes blackberries and dewberries, blueberries, boysenberries, loganberries, youngberries, raspberries, and strawberries.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 706.—AGRICULTURAL COMMODITIES—PRODUCTION, BY CHIEF KINDS: 1800 to 1947

[Figures refer to crop or growth year. Leaders indicate no data available. Weight of bushel of wheat, 60 pounds; bushel of corn, 56 pounds]

YEAR	Corn	Wheat	Rice (in terms of cleaned) <sup>1</sup>	SUGAR		COTTON <sup>2</sup>		Tobacco
				Beet (chiefly refined)	Cane (chiefly raw) <sup>3</sup>	Running bales <sup>4</sup>	500-pound bales <sup>5</sup>	
	1,000 bushels	1,000 bushels	1,000 pounds	1,000 pounds	1,000 pounds	Thousands	Thousands	1,000 pounds
1800			67,234			154	73	
1810			78,805			286	178	
1820			52,292			576	355	
1830			81,352			1,036	732	
1840	1,377,532	784,823	84,253		120,851	1,635	1,248	219,163
1850	1,592,071	1,000,486	102,776		247,577	2,454	2,136	199,753
1860	1,838,798	1,173,105	108,279		274,726	3,849	3,341	434,209
1870	1,124,775	254,429	54,689	896	178,204	4,382	4,025	345,045
1880	1,705,672	502,267	111,899	1,120	285,302	6,606	6,357	469,395
1890	2,057,907	399,231	150,195	1,344	302,754	6,676	6,369	610,500
1900	1,650,446	449,042	136,800	7,748	497,170	8,653	8,502	647,535
1905	2,534,762	542,119	205,250	65,452	643,636	7,162	7,147	745,000
1909	2,645,796	655,143	248,722	162,458	322,648	9,368	9,346	870,290
1910	2,661,978	699,216	272,028	172,164	623,772	10,102	10,124	851,990
1911	1,715,762	762,546	251,972	369,212	728,650	9,883	9,508	895,530
1912	2,773,954	666,959	403,778	436,812	745,806	10,588	10,630	950,505
1913	2,515,093	663,115	530,222	491,308	556,140	9,820	9,851	976,375
1914	2,666,624	565,571	523,778	484,236	820,990	13,451	12,428	866,595
1915	2,354,148	708,026	445,500	625,842	781,204	10,466	10,576	938,805
1916	3,032,910	740,509	493,750	967,224	544,320	12,963	12,274	972,510
1917	2,613,797	628,764	676,417	927,256	788,480	11,056	11,106	895,620
1918	2,666,742	642,818	622,139	851,768	828,800	13,060	13,241	835,645
1919	2,611,157	663,927	665,107	1,024,928	676,000	10,073	10,005	1,063,615
1910	2,852,794	625,476	680,972	1,020,344	724,000	11,568	11,809	1,142,320
1911	2,474,635	618,166	629,500	1,199,000	735,000	15,553	15,694	940,936
1912	2,947,843	730,011	658,333	1,385,112	352,000	13,489	13,703	1,117,415
1913	2,272,540	751,101	672,500	1,460,000	614,000	13,983	14,153	991,605
1914	2,323,750	897,487	652,167	1,444,000	504,000	15,906	16,112	1,038,745
1915	2,829,044	1,006,637	725,194	1,748,000	282,000	11,066	11,172	1,157,425
1916	2,425,206	634,572	1,068,444	1,642,000	634,000	11,364	11,448	1,206,785
1917	2,906,242	619,790	964,278	1,530,000	502,000	11,248	11,284	1,325,530
1918	2,441,249	904,130	1,111,056	1,822,000	580,000	11,906	12,016	1,444,505
1919	2,678,641	952,097	1,191,972	1,452,000	250,000	11,326	11,411	1,444,205
1920	3,070,604	843,277	1,434,667	2,178,000	360,000	13,271	13,429	1,509,212
1921	2,929,442	818,964	1,090,944	2,040,000	668,000	7,978	7,945	1,004,928
1922	2,707,306	846,649	1,157,306	1,350,000	604,000	9,729	9,755	1,254,304
1923	2,675,292	759,482	923,278	1,762,000	336,000	10,171	10,140	1,517,583
1924	2,223,123	841,617	906,750	2,180,000	180,000	13,639	13,630	1,244,928
1925	2,798,367	668,700	917,667	1,826,000	284,000	16,123	16,165	1,370,006
1926	2,646,972	832,213	1,167,361	1,794,000	96,000	17,755	17,978	1,289,272
1927	2,616,130	875,069	1,336,028	2,166,000	144,000	12,782	12,956	1,211,311
1928	2,065,516	914,373	1,217,611	2,122,000	272,000	14,297	14,477	1,373,214
1929	2,515,937	824,183	1,098,167	2,036,000	436,000	14,548	14,825	1,532,676
1930	2,080,130	886,522	1,248,028	2,416,000	430,000	12,756	13,932	1,648,037
1931	2,575,927	941,540	1,239,250	2,312,000	368,000	16,629	17,067	1,565,088
1932	2,930,362	756,307	1,156,083	2,714,000	530,000	12,710	13,033	1,018,011
1933	2,397,596	532,215	1,045,961	3,264,000	500,000	12,664	13,047	1,371,065
1934	1,448,920	536,052	1,064,839	2,320,000	534,000	9,472	9,636	1,084,589
1935	2,299,363	628,227	1,095,889	2,370,000	746,000	10,420	10,638	1,302,041
1936	1,505,669	629,880	1,383,689	2,608,000	674,000	12,141	12,399	1,162,838
1937	2,642,973	873,914	1,483,944	2,676,000	924,000	18,262	18,946	1,569,023
1938	2,648,753	919,913	1,456,500	3,370,000	1,166,000	11,623	11,943	1,385,573
1939	2,680,965	741,210	1,501,722	3,280,000	1,008,000	11,481	11,817	1,880,629
1940	2,457,146	814,046	1,512,028	3,546,000	664,000	12,208	12,566	1,460,441
1941	2,651,889	941,970	1,425,639	2,968,000	838,000	10,495	10,744	1,261,839
1942	3,066,562	980,381	1,989,878	3,226,000	920,000	12,438	12,617	1,406,394
1943	2,955,980	843,813	1,901,491	1,866,000	986,000	11,129	11,427	1,406,190
1944	3,066,110	1,060,111	2,012,573	1,974,000	874,000	11,839	12,230	1,954,699
1945	2,880,983	1,106,224	1,992,600	2,366,000	950,000	8,813	9,015	1,094,262
1946	2,249,950	1,153,046	2,111,578	2,846,000	860,000	8,517	8,640	2,319,409
1947	2,400,952	1,364,919	2,320,029	3,410,000	750,000	( <sup>6</sup> )	11,094	2,167,702

Figures for 1800 to 1896 represent commercial movement, as given by Dan Talmage's Sons Co. Louisiana and Texas, 1900 to 1923; Louisiana only, 1924 to 1927, Louisiana and Florida, beginning 1928. Data for linters included 1810-1865; excluded for subsequent years. Beginning 1890, ginnings as reported by Bureau of Census. Figures for some years include small amounts in California, Mexico, cotton ginned in United States. Round bales counted as half bales. Rice weight. Figures prior to 1899 compiled by Bureau of Census from reports published by Department of Agriculture. See also note 10, table 707, p. 652. <sup>1</sup> Census figures for the previous year. Figures for 1870 and 1880 represent estimated average production for 1863-71 and 1880-82, respectively. <sup>2</sup> Not yet available. Source: Dept. of Agriculture, Bureau of Agricultural Economics, except as noted; annual report, Agricultural Statistics. Also published in annual crop reports.

**No. 707.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1866 TO 1947**

[Tons are of 2,000 pounds. For weights of units of measurement for principal products, see Appendix, p. 962. Approximate weights of units of measurement for other products are as follows: Number of pounds to a bushel—sweetpotatoes, 55; sorghums for grain, 56; clover seed, 60. Number of pounds to a barrel of cranberries, 100. Prices and yields for periods are weighted averages except for cotton and cottonseed, which are simple averages of prices and yields for individual years. Acreage, production, and yield of all crops revised to census data.] See table 706 for later estimates of 1939 to 1945 production.

YEARLY AVERAGE OR YEAR	Acreage har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>	Acreage har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>
CORN						WHEAT				
	1,000 acres	1,000 bushels	1,000 dollars	Bush- els	Cents per bushel	1,000 acres	1,000 bushels	1,000 dollars	Bush- els	Cents per bushel
1866-1875.....	40,123	1,028,963	561,163	25.6	54.5	21,918	270,595	337,186	12.3	124.6
1876-1885.....	63,655	1,667,510	652,608	26.2	39.1	34,553	448,337	413,730	13.0	92.3
1886-1895.....	78,327	1,986,608	725,562	25.4	36.5	38,496	526,076	356,288	13.7	67.7
1896-1900.....	91,253	2,523,555	711,706	27.7	28.2	47,258	630,354	413,935	13.3	66.7
1901-1905.....	95,226	2,529,114	1,113,625	26.6	44.0	47,002	674,843	483,123	14.4	71.6
1906-1910.....	97,894	2,735,480	1,450,885	27.9	53.1	45,105	664,299	570,992	14.7	87.3
1911-1915.....	100,294	2,609,562	1,720,900	26.0	66.0	53,247	801,080	712,938	15.0	89.0
1916-1920.....	102,631	2,704,768	3,342,953	26.4	123.4	59,485	790,773	1,526,204	13.3	193.0
1921-1925.....	101,275	2,706,506	2,033,203	26.7	75.3	57,558	787,082	875,067	13.7	111.2
1926-1930.....	99,483	2,484,935	1,919,033	25.0	77.2	60,300	866,470	883,173	14.4	101.9
1931-1935.....	102,306	2,330,431	1,137,535	22.8	48.8	51,926	680,868	407,254	13.1	60.0
1933.....	105,918	2,397,593	1,246,777	22.6	52.0	49,424	552,215	410,770	11.2	74.4
1934.....	92,193	1,448,920	1,181,479	15.7	81.5	43,347	526,052	446,085	12.1	84.8
1935.....	95,974	2,299,363	1,506,281	24.0	65.5	51,305	628,227	521,915	12.2	82.1
1936.....	93,154	1,505,689	1,571,859	16.2	104.4	49,125	629,880	645,465	12.8	102.5
1937.....	93,930	2,642,978	1,368,474	28.1	51.8	64,169	873,914	840,706	13.6	96.2
1938.....	92,160	2,548,753	1,239,619	27.7	48.6	69,197	919,913	516,636	13.3	56.2
1939.....	88,279	2,580,912	1,465,075	29.2	56.8	52,668	741,180	512,401	14.1	69.1
1940.....	86,738	2,462,320	1,521,692	28.4	61.8	52,988	813,305	554,878	15.3	68.2
1941.....	86,186	2,675,790	2,008,881	31.0	75.1	55,642	943,127	890,832	16.9	94.5
1942.....	89,021	3,131,518	2,871,400	35.2	91.7	49,200	974,176	1,069,878	19.8	109.8
1943.....	94,455	3,034,354	3,407,902	32.1	112.3	50,648	841,023	1,146,584	16.6	136.3
1944.....	97,078	3,203,310	3,478,270	33.0	109.0	59,095	1,072,177	1,516,088	18.1	141.0
1945.....	88,079	2,880,933	3,670,557	32.7	127.0	65,120	1,108,224	1,661,649	17.0	150.0
1946.....	88,489	3,249,950	5,081,927	36.7	156.0	67,075	1,153,046	2,203,246	17.2	191.0
1947.....	83,981	2,400,952	5,640,283	28.6	235.0	74,186	1,364,919	3,288,905	18.4	241.0
OATS						RYE				
	1,000 acres	1,000 bushels	1,000 dollars	Bush- els	Cents per bushel	1,000 acres	1,000 bushels	1,000 dollars	Bush- els	Cents per bushel
1866-1875.....	10,616	281,394	122,375	26.5	43.5	1,589	17,210	15,864	10.8	92.2
1876-1885.....	17,954	494,612	158,927	27.5	32.1	1,905	22,165	14,205	11.6	64.1
1886-1895.....	28,113	753,240	215,561	26.8	28.6	2,160	27,209	14,695	12.6	54.0
1896-1900.....	29,741	865,863	199,211	29.1	23.0	2,262	29,088	12,888	12.9	44.3
1901-1905.....	32,122	975,626	315,133	30.4	32.3	2,323	30,640	17,570	13.2	57.3
1906-1910.....	34,869	954,648	383,118	27.4	40.1	2,166	29,137	20,369	13.5	69.9
1911-1915.....	37,531	1,155,906	454,401	30.8	39.3	2,965	39,714	29,681	13.4	74.7
1916-1920.....	41,100	1,312,199	834,158	31.9	63.6	5,455	65,481	96,895	12.0	148.0
1921-1925.....	42,441	1,248,349	497,621	29.4	39.9	4,857	63,746	47,739	13.1	74.9
1926-1930.....	40,266	1,189,317	477,416	29.5	40.1	3,394	40,928	30,826	12.1	75.3
1931-1935.....	37,597	973,920	252,598	25.9	25.9	2,980	33,134	13,888	11.1	41.9
1933.....	36,528	736,309	246,351	20.2	33.5	2,405	20,573	12,907	8.6	62.7
1934.....	29,455	544,247	261,548	18.5	48.1	1,921	16,285	11,731	8.5	72.0
1935.....	40,109	1,210,229	319,560	30.2	26.4	4,066	56,938	22,677	14.0	39.8
1936.....	33,654	792,583	355,941	23.6	44.9	2,694	24,239	19,686	9.0	81.2
1937.....	35,542	1,176,744	355,482	33.1	30.2	3,825	48,862	33,517	12.8	68.6
1938.....	36,042	1,089,383	258,773	30.2	23.8	4,087	55,984	18,928	13.7	33.8
1939.....	33,460	957,704	297,354	28.6	31.0	3,822	38,562	16,935	10.1	43.9
1940.....	35,334	1,245,388	376,900	35.2	30.3	3,194	39,984	16,734	12.5	41.9
1941.....	37,965	1,180,663	484,392	31.1	41.0	3,570	45,364	24,449	12.7	53.9
1942.....	37,878	1,349,547	657,779	35.6	48.7	3,860	57,673	34,491	14.9	59.8
1943.....	38,395	1,137,504	819,871	29.6	72.1	2,755	30,452	29,859	11.1	98.1
1944.....	38,735	1,154,666	815,370	29.8	70.6	2,228	25,500	27,677	11.4	109.0
1945.....	41,933	1,535,676	1,024,799	36.6	66.7	1,856	23,952	32,380	12.9	135.0
1946.....	43,205	1,497,904	1,213,755	34.7	81.0	1,607	18,879	36,169	11.7	192.0
1947.....	38,648	1,215,970	1,249,451	31.5	103.0	2,022	25,977	63,180	12.8	243.0

<sup>1</sup> Values are based on season average or Dec. 1 prices. See notes on "Price" column.

<sup>2</sup> Received by farmers. Beginning 1908, prices are season average prices for the crop-marketing season; prior thereto, Dec. 1 prices. Prices for 1937, 1940, and 1941 for corn, 1938 through 1942 for wheat, and 1940 through 1944 for rye, include an allowance for unredeemed loans at average loan value.

**No. 707.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE:  
1866 to 1947—Continued**

YEARLY AVERAGE OR YEAR	Acres har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>	Acres har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>
BARLEY						BUCKWHEAT				
	1,000 acres	1,000 bushels	1,000 dollars	Bush- els	Cents per bushel		1,000 acres	1,000 bushels	1,000 dollars	Cents per bushel
1866-1875...	1,302	28,246	26,820	21.7	95.0	765	10,425	9,085	13.6	87.1
1876-1885...	2,236	50,303	31,000	22.5	61.6	816	10,442	6,849	12.8	65.6
1886-1895...	3,513	82,767	39,376	23.6	47.6	812	11,256	6,165	13.9	54.8
1896-1900...	4,308	102,595	37,485	23.8	36.5	814	12,640	5,927	15.5	46.9
1901-1905...	5,981	151,417	65,069	25.3	43.0	819	14,888	8,854	18.2	59.5
1906-1910...	7,260	163,200	90,978	22.5	55.7	841	14,601	10,125	17.4	69.3
1911-1915...	7,552	177,102	101,286	23.5	57.2	778	12,927	9,838	16.6	76.1
1916-1920...	7,858	173,712	174,922	22.1	100.7	838	12,642	18,988	15.1	150.2
1921-1925...	7,210	160,478	93,500	22.3	58.3	707	12,052	11,287	17.0	93.7
1926-1930...	11,262	263,142	144,125	23.4	54.8	665	9,918	8,747	14.9	88.2
1931-1935...	10,608	211,714	77,607	20.0	36.7	480	8,187	4,191	17.1	51.2
1936...	9,641	152,839	66,349	15.9	43.4	460	7,816	4,359	17.0	55.8
1937...	6,577	117,390	80,521	17.8	68.6	475	8,994	5,257	18.9	58.5
1938...	12,436	288,667	109,372	23.2	37.9	505	8,488	4,653	16.8	54.8
1939...	8,329	147,740	115,461	17.7	78.2	379	6,440	5,481	17.0	85.1
1940...	9,969	221,889	120,257	22.3	54.2	421	6,808	4,539	16.2	66.7
1941...	10,610	256,620	94,336	24.2	36.8	448	6,763	3,647	15.1	53.9
1942...	12,738	278,163	112,523	21.8	40.5	370	5,736	3,566	15.5	62.2
1943...	13,476	308,944	122,613	22.9	39.7	388	6,476	3,482	16.7	53.8
1944...	14,220	362,082	191,285	25.5	52.8	337	6,038	4,072	17.9	67.4
1945...	16,850	429,167	270,710	25.5	63.1	375	6,636	5,613	17.7	84.6
1946...	14,768	324,150	320,979	21.9	99.0	505	8,830	11,106	17.5	125.8
1947...	12,104	278,561	282,397	23.0	101.0	515	9,166	9,290	17.8	101.0
	10,465	266,833	271,460	25.5	102.0	409	6,644	7,875	16.2	119.0
	10,411	262,258	356,657	25.2	136.0	391	7,124	10,517	18.2	148.0
	10,947	279,182	476,870	25.5	171.0	518	7,334	14,484	14.2	197.0
RICE, ROUGH						FLAXSEED				
1906-1910...	598	21,848	17,436	36.5	79.8	2,384	20,590	25,662	8.6	124.6
1911-1915...	677	24,031	20,679	35.5	86.1	2,041	17,197	25,444	8.4	148.0
1916-1920...	1,056	41,763	68,093	39.6	163.0	1,580	10,136	30,872	6.4	304.6
1921-1925...	922	35,971	41,934	39.0	116.6	2,166	17,749	37,821	8.2	213.1
1926-1930...	968	42,964	40,513	44.4	94.3	2,968	20,064	40,585	6.7	202.1
1931-1935...	853	40,476	25,526	47.5	63.1	1,778	10,161	13,201	5.7	129.9
1936...	798	37,651	29,248	47.2	77.7	1,341	6,904	11,230	5.1	162.7
1937...	812	39,047	30,854	48.1	79.0	1,002	5,719	9,732	5.7	170.2
1938...	817	39,452	28,469	48.3	72.2	2,126	14,914	21,181	7.0	142.0
1939...	981	49,820	41,567	50.8	83.4	1,125	5,331	10,112	4.7	189.7
1940...	1,099	53,422	35,168	48.6	65.8	927	7,070	13,196	7.6	186.6
1941...	1,076	52,606	33,630	48.8	64.0	905	8,032	12,783	8.9	159.2
1942...	1,045	54,062	39,348	51.7	72.8	2,171	19,606	28,692	9.0	146.3
1943...	1,069	54,433	44,208	50.9	81.2	3,182	30,888	43,749	9.7	141.6
1944...	1,214	51,823	69,600	42.3	135.6	3,275	32,285	57,735	9.9	178.8
1945...	1,450	64,549	104,957	44.5	162.6	4,424	41,053	96,731	9.3	235.6
1946...	1,468	64,843	115,703	44.2	178.4	5,847	51,946	146,984	8.9	283.0
1947...	1,471	68,161	120,385	46.3	177.0	2,750	23,135	67,123	8.4	290.0
	1,494	68,150	122,190	45.6	179.0	3,785	34,557	99,912	9.1	289.0
	1,574	72,216	162,726	45.9	225.0	2,432	22,585	91,183	9.3	404.0
	1,677	79,345	215,081	47.3	271.0	4,026	39,763	247,876	9.9	623.0

<sup>1</sup> Values are based on season average or Dec. 1 prices. See notes on "Price" column.

<sup>2</sup> Received by farmers. Prices are season average prices as follows: Barley, buckwheat, and flaxseed, beginning 18; rice, beginning 1909. Prices for prior years are as of Dec. 1. Prices for 1940 through 1942 for barley and 1942 and 1943 for flaxseed include an allowance for unredeemed loans at average loan value.

**No. 707.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE:  
1866 to 1947—Continued**

YEARLY AVERAGE OR YEAR	Acreage har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>4</sup>	Acreage har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>4</sup>
<b>POTATOES</b>						<b>SWEETPOTATOES</b>				
	<i>1,000 acres</i>	<i>1,000 bushels</i>	<i>1,000 dollars</i>	<i>Bush- els</i>	<i>Cents per bushel</i>	<i>1,000 acres</i>	<i>1,000 bushels</i>	<i>1,000 dollars</i>	<i>Bush- els</i>	<i>Cents per bushel</i>
1866-1875	1,488	129,276	81,370	86.9	62.9	<sup>5</sup> 376	<sup>6</sup> 29,170	<sup>7</sup> 25,517	<sup>8</sup> 77.6	<sup>9</sup> 87.5
1876-1885	2,074	173,138	87,877	83.5	50.8	464	35,625	<sup>6</sup> 20,063	76.8	<sup>6</sup> 54.9
1886-1895	2,635	214,022	102,644	81.2	48.0	526	44,448	<sup>7</sup> 22,071	84.5	<sup>7</sup> 51.0
1896-1900	2,918	246,703	101,576	84.5	41.2	542	44,452	<sup>8</sup> 20,926	82.0	<sup>8</sup> 48.8
1901-1905	3,115	286,091	162,270	91.8	56.7	565	52,815	30,841	93.5	58.4
1906-1910	3,465	312,410	205,664	98.8	60.1	615	59,337	41,211	96.5	60.5
1911-1915	3,473	349,277	234,639	100.6	67.2	597	57,063	48,339	95.6	84.7
1916-1920	3,455	336,280	472,515	97.3	140.5	736	71,633	99,374	97.4	139.7
1921-1925	3,359	357,535	350,071	106.5	97.9	702	62,193	77,909	88.6	125.3
1926-1930	3,132	<sup>9</sup> 359,142	354,952	114.7	98.8	664	62,593	71,188	94.3	113.7
1931-1935	3,510	<sup>9</sup> 377,518	201,396	107.6	53.3	945	77,491	52,915	82.0	68.3
1933	3,423	343,203	282,939	100.3	82.4	907	74,619	51,796	82.3	69.4
1934	3,599	406,482	181,144	112.9	44.6	959	77,677	61,975	81.0	79.8
1935	3,469	378,895	224,509	109.2	59.3	944	81,249	56,663	86.1	69.7
1936	2,960	323,955	370,051	109.4	114.2	769	59,765	55,495	77.7	92.9
1937	3,055	376,448	199,086	123.2	52.9	768	68,144	55,868	88.7	82.0
1938	2,870	355,848	198,221	124.0	55.7	793	68,603	50,082	86.5	73.0
1939	2,813	342,420	238,517	121.7	69.7	728	61,873	46,349	85.0	74.9
1940	2,845	375,771	203,179	132.1	54.1	655	52,243	44,668	79.8	85.5
1941	2,711	355,602	287,009	131.2	80.7	746	62,144	58,443	83.3	94.0
1942	2,706	370,489	433,463	136.9	117.0	709	65,508	78,158	92.4	119.3
1943	3,331	464,999	610,633	139.6	131.3	896	73,380	149,448	81.9	203.7
1944	2,922	383,134	571,514	131.1	149.0	768	71,306	136,895	92.8	192.0
1945	2,696	418,020	597,914	155.0	143.0	671	64,665	131,619	96.3	204.0
1946	2,599	484,174	598,466	186.3	124.0	676	66,424	144,496	98.2	218.0
1947	2,112	384,407	601,685	182.0	157.0	611	57,178	123,039	93.5	215.0
<b>COTTON (EXCLUDING LINTERS) <sup>10</sup></b>						<b>COTTONSEED</b>				
	<i>1,000 acres</i>	<i>1,000 bales <sup>11</sup></i>	<i>1,000 dollars</i>	<i>Lbs.</i>	<i>Cents per pound</i>		<i>1,000 short tons</i>	<i>1,000 dollars</i>		<i>Dolls. per ton</i>
1866-1875	9,046	3,389	-----	162.6	-----	-----	1,382	-----	-----	-----
1876-1885	15,147	5,706	253,959	172.2	9.30	-----	2,419	-----	-----	-----
1886-1895	20,016	7,691	289,493	181.5	7.70	-----	3,389	-----	-----	-----
1896-1900	24,425	10,036	354,063	197.4	7.04	-----	4,486	-----	-----	-----
1901-1905	28,041	10,801	485,555	183.8	8.98	-----	4,800	-----	-----	-----
1906-1910	31,057	11,847	658,884	182.3	11.29	-----	<sup>12</sup> 4,799	<sup>13</sup> 120,640	-----	<sup>14</sup> 25.07
1911-1915	33,649	14,167	729,245	200.7	10.44	-----	6,292	125,791	-----	20.59
1916-1920	33,534	11,918	1,468,022	169.9	24.91	-----	5,295	277,640	-----	53.28
1921-1925	35,895	11,515	1,277,208	151.2	22.22	-----	5,112	169,432	-----	33.11
1926-1930	42,212	14,834	1,126,700	167.8	15.38	-----	6,500	184,899	-----	28.83
1931-1935	31,671	12,684	551,305	190.9	9.16	-----	5,505	95,829	-----	17.41
1933	<sup>15</sup> 29,383	13,047	663,383	212.7	10.17	-----	5,511	71,166	-----	12.91
1934	26,866	9,636	595,572	171.6	12.36	-----	4,256	140,574	-----	33.03
1935	27,509	10,638	590,021	185.1	11.09	-----	4,634	141,527	-----	30.54
1936	29,755	12,399	766,222	199.4	12.36	-----	5,472	182,230	-----	33.30
1937	33,623	18,946	796,469	269.9	8.41	-----	7,844	152,974	-----	19.50
1938	24,248	11,943	513,704	235.8	8.60	-----	4,950	107,874	-----	21.79
1939	23,805	11,817	536,996	237.9	9.09	-----	4,869	102,933	-----	21.14
1940	23,861	12,566	621,284	252.5	9.89	-----	5,286	114,817	-----	21.72
1941	22,236	10,744	914,313	231.9	17.03	-----	4,553	216,961	-----	47.65
1942	22,602	12,817	1,219,716	272.4	19.04	-----	5,202	237,221	-----	45.60
1943	21,610	11,427	1,135,605	254.0	19.88	-----	4,688	244,059	-----	52.10
1944	19,651	12,230	1,267,857	298.9	20.73	-----	4,902	258,163	-----	52.70
1945	17,059	9,015	1,014,823	253.6	22.52	-----	3,664	187,155	-----	51.10
1946	17,615	8,640	1,409,671	235.3	32.64	-----	3,513	252,674	-----	71.90
1947	21,148	11,694	1,829,506	265.4	31.30	-----	4,744	404,979	-----	85.40

<sup>1</sup> Values are based on season average or Dec. 1 prices. See notes on "Price" column.

<sup>4</sup> Received by farmers. Beginning with 1908 for potatoes and cotton, 1910 for sweetpotatoes, and 1909 for cottonseed, prices are season average prices. Figures for prior years are Dec. 1 prices. For 1933, 1934, 1937, 1938, and 1940 through 1942, season average prices for cotton crops include an allowance for unredeemed loans at average loan value.

<sup>5</sup> Average for 9 years.

<sup>6</sup> Average for 6 years.

<sup>7</sup> Average for 7 years.

<sup>8</sup> Average for 4 years.

<sup>9</sup> Includes 7,462,000 bushels in 1928, 66,000 bushels in 1931, and 2,175,000 bushels in 1932 not harvested on account of market conditions. Price and value apply only to the harvested portion of the crop.

<sup>10</sup> State production figures, which conform with census annual ginning enumeration, with allowance for cross State ginnings, rounded to thousands and added for United States totals. Cotton grown in Baja, California, ginned in California from 1913 to 1924, has been excluded.

<sup>11</sup> Production is in running bales prior to 1899; 500-pound gross weight bales thereafter.

<sup>12</sup> Data for 1909 and 1910.

<sup>13</sup> Area in cultivation July 1 less removal of acreage reported by the Agricultural Adjustment Administration, less abandonment on area not under contract.



**No. 707.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE:  
1866 TO 1947—Continued**

YEARLY AVERAGE OR YEAR	Acres har- vested	Produce tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>14</sup>	Acres har- vested	Produce tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>14</sup>
SORGHUMS FOR GRAIN						PEANUTS (PICKED AND THRESHED)				
	1,000 acres	1,000 bushels	1,000 dollars	Bush- els	Cents per bu. <sup>15</sup>	1,000 acres <sup>16</sup>	1,000 pounds	1,000 dollars	Lbs.	Cents per lb. <sup>17</sup>
1916-1920.....	-----	-----	-----	-----	-----	1,094	796,948	52,068	728.5	6.53
1921-1925.....	-----	-----	-----	-----	-----	936	640,834	32,525	684.9	5.08
1926-1930.....	<sup>18</sup> 2,500	<sup>19</sup> 43,764	<sup>18</sup> 29,014	<sup>18</sup> 12.5	<sup>18</sup> 66.3	1,099	789,092	35,206	718.1	4.46
1931-1935.....	4,038	53,843	23,763	13.3	44.1	1,434	996,762	24,907	695.2	2.50
1936.....	2,793	30,270	28,118	10.8	92.9	1,660	1,260,020	46,931	759.0	3.72
1937.....	4,915	69,948	33,917	14.2	48.5	1,538	1,232,755	40,630	801.5	3.30
1938.....	4,699	67,210	26,261	14.3	39.1	1,692	1,288,740	42,126	761.7	3.27
1939.....	4,769	53,267	30,313	11.2	56.9	1,906	1,211,710	41,175	635.7	3.40
1940.....	6,183	83,164	39,942	13.5	48.0	2,040	1,749,705	58,332	857.7	3.33
1941.....	5,982	111,784	61,421	18.7	54.9	1,914	1,476,845	68,752	771.6	4.66
1942.....	5,871	106,770	82,742	18.2	77.5	3,439	2,211,535	133,716	643.1	6.05
1943.....	6,662	103,864	118,202	15.6	113.8	3,595	2,184,760	155,528	607.7	7.12
1944.....	9,104	181,542	165,712	19.9	91.3	3,150	2,110,775	169,587	670.1	8.03
1945.....	6,408	97,014	115,816	15.1	119.0	3,160	2,042,235	168,878	646.0	8.27
1946.....	6,773	106,941	146,571	15.8	137.0	3,142	2,038,355	185,399	649.0	9.10
1947.....	5,606	95,609	170,446	17.1	178.0	3,378	2,251,640	229,810	667.0	10.2
BEANS, DRY, EDIBLE						SOYBEANS (FOR BEANS)				
	1,000 acres	1,000 bags <sup>19</sup>	1,000 dollars <sup>20</sup>	Lbs.	Dollars per bag <sup>17</sup>	1,000 acres	1,000 bushels	1,000 dollars	Bush- els	Cents per bu. <sup>17</sup>
1916-1920.....	1,329	8,397	59,814	631.8	7.79	<sup>21</sup> 432	<sup>21</sup> 4,911	<sup>21</sup> 11,796	<sup>21</sup> 11.4	<sup>21</sup> 240.2
1921-1925.....	1,308	8,949	45,022	683.9	5.46	679	8,685	14,947	12.8	172.1
1926-1930.....	1,802	11,597	61,578	643.7	5.73	1,531	23,597	17,616	15.4	74.7
1931-1935.....	1,687	12,468	31,127	739.2	2.66	2,359	33,721	42,857	14.3	127.1
1936.....	1,626	11,821	57,835	727.0	5.37	2,586	46,164	39,091	17.9	84.7
1937.....	1,695	15,830	46,251	933.9	3.10	3,035	61,906	41,645	20.4	67.3
1938.....	1,643	15,704	37,657	955.8	2.56	4,315	90,141	73,052	20.9	81.0
1939.....	1,681	15,061	46,339	896.0	3.25	4,786	77,468	69,700	16.2	90.0
1940.....	1,904	16,879	49,942	886.5	3.17	5,881	105,587	163,568	18.0	154.9
1941.....	2,023	18,503	77,380	914.6	4.54	10,008	187,155	300,724	18.7	160.7
1942.....	1,922	18,963	90,552	986.6	5.16	10,684	193,125	350,741	18.1	181.6
1943.....	2,404	20,922	116,992	870.3	6.04	10,415	190,406	390,498	18.3	205.1
1944.....	2,030	16,059	94,258	791.1	6.30	10,661	192,076	399,698	18.0	208.0
1945.....	1,485	13,083	78,348	881.0	6.55	9,806	201,275	516,387	20.5	257.0
1946.....	1,616	14,737	156,550	981.0	10.60	11,125	181,362	596,702	16.3	329.0
1947.....	1,759	15,726	190,837	976.0	12.10					
RED CLOVER SEED						HOPS				
	1,000 acres	1,000 bushels	1,000 dollars	Bushels	Dollars per bushel <sup>17</sup>	1,000 acres	1,000 pounds	1,000 dollars	Lbs.	Cents per lb. <sup>22</sup>
1916-1920.....	<sup>23</sup> 1,091	<sup>23</sup> 1,287	<sup>23</sup> 22,741	<sup>23</sup> 1.18	<sup>23</sup> 17.67	30	32,668	10,786	1,098	33.0
1921-1925.....	945	981	11,891	1.04	12.12	22	26,616	4,456	1,215	16.7
1926-1930.....	1,061	1,190	15,959	1.12	13.41	23	30,353	5,586	1,314	18.4
1931-1935.....	843	953	6,887	1.13	7.23	30	<sup>24</sup> 36,224	6,090	1,212	17.3
1936.....	670	712	10,268	1.06	14.43	31	25,281	6,976	816	27.6
1937.....	308	503	8,864	1.63	17.63	34	<sup>24</sup> 43,955	6,419	1,281	16.2
1938.....	1,664	1,878	15,462	1.13	8.23	32	<sup>24</sup> 35,288	6,346	1,120	19.7
1939.....	1,350	1,654	14,452	1.22	8.74	31	<sup>24</sup> 37,462	8,490	1,208	24.5
1940.....	2,053	2,046	12,453	1.00	6.09	33	42,066	11,272	1,282	26.8
1941.....	1,383	1,469	13,377	1.06	9.10	35	40,380	12,883	1,160	31.9
1942.....	1,110	1,026	12,345	.92	12.03	35	35,153	15,894	1,016	45.2
1943.....	1,312	1,173	21,168	.89	18.04	32	42,448	26,423	1,318	62.2
1944.....	2,427	1,899	35,548	.78	18.70	37	47,840	31,063	1,293	64.9
1945.....	2,187	1,750	32,540	.80	18.60	41	56,772	36,841	1,395	64.9
1946.....	2,601,300	2,141,800	47,166	.82	22.00	41	53,171	33,361	1,306	62.7
1947.....	1,374,600	1,194,800	34,324	.87	28.70	40	50,098	34,075	1,262	68.0

Values are based on season average or Dec. 1 prices. See notes on "Price" column.

Received by farmers. See also notes on prices for each crop.

Based on the reported price of grain sorghums.

Prices are season average prices, prices of beans being for cleaned beans.

Average for 1929 and 1930.

Farm value of dry edible beans equals the price of cleaned beans applied to the production of cleaned beans or than to the total production.

Average for 1924 and 1925.

Dec. 1 prices, 1916 to 1931; beginning 1932, season average prices.

includes 5,436,000 pounds in 1935, 4,365,000 pounds in 1937, 3,140,000 pounds in 1938, and 2,813,000 pounds in 1939, not available for marketing because of economic conditions and the marketing agreement allotments.

and values are computed on the harvested crop.

<sup>16</sup> Equivalent solid acreage.

<sup>19</sup> Bags of 100 pounds (uncleaned).

<sup>22</sup> Average for 1919 and 1920.

**No. 707.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE:  
1866 TO 1947—Continued**

YEARS AVERAGE OR YEAR	Acres harvested	Production	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>	Acres harvested	Production	Value <sup>1</sup>	Yield per acre	Price <sup>2</sup>
HAY (TAMS)						TOBACCO				
	1,000 acres	1,000 tons	1,000 dollars	Short tons	Dollars per ton	1,000 acres	1,000 pounds	1,000 dollars	Lbs.	Cents per lb. <sup>3</sup>
1866-1875.....	20,298	22,356	332,744	1.15	14.21	450	339,207	34,629	754	10.3
1876-1885.....	28,704	36,066	350,467	1.26	9.72	711	518,825	36,817	730	7.5
1886-1895.....	39,492	46,007	427,727	1.22	8.91	916	669,297	52,244	731	7.8
1896-1900.....	42,467	54,137	422,324	1.27	7.80	1,064	818,926	53,822	770	6.6
1901-1905.....	46,147	61,592	557,465	1.33	9.05	1,125	923,378	67,718	820	7.3
1906-1910.....	50,542	66,001	706,860	1.31	10.71	1,173	977,983	95,630	834	9.8
1911-1915.....	50,306	64,515	767,900	1.28	11.90	1,286	1,048,825	107,974	816	10.3
1916-1920.....	56,456	74,717	1,279,078	1.35	17.12	1,742	1,386,046	322,244	795	23.2
1921-1925.....	57,836	74,676	963,329	1.30	13.30	1,653	1,279,650	247,642	774	19.4
1926-1930.....	55,263	72,480	902,111	1.31	12.45	1,831	1,410,902	249,531	771	17.7
1931-1935.....	56,001	67,839	604,115	1.21	8.91	1,569	1,268,339	175,681	806	12.9
1936-1940.....	56,655	76,565	648,221	1.35	8.58	1,641	1,492,061	277,584	909	18.6
1941.....	59,317	82,736	792,463	1.39	9.58	1,306	1,262,049	333,103	966	26.4
1942.....	60,117	92,304	980,578	1.53	10.63	1,377	1,408,717	519,560	1,023	36.9
1943.....	60,690	87,244	1,389,292	1.43	15.92	1,456	1,406,196	569,798	966	40.5
1944.....	59,669	84,076	1,474,807	1.41	17.50	1,752	1,956,896	821,641	1,117	42.0
1945.....	77,017	106,539	1,660,132	1.41	15.20	1,821	1,993,637	849,335	1,095	42.6
1946.....	74,173	100,739	1,678,505	1.36	16.70	1,962	2,319,409	1,044,632	1,182	45.0
1947.....	75,291	102,500	1,776,272	1.36	17.30	1,875	2,167,702	941,746	1,156	43.4
WILD HAY						SORGHUMS FOR FORAGE				
	1,000 acres	1,000 tons	1,000 dollars	Short tons	Dollars per ton	1,000 acres	1,000 tons	1,000 dollars	Short tons	Dollars per ton <sup>3</sup>
1916-1920.....	16,962	15,303	194,719	0.90	12.72					
1921-1925.....	15,486	13,260	101,761	.86	7.67					
1926-1930.....	13,755	11,500	87,730	.84	7.63	4,849	6,505	63,763	1.34	9.80
1931-1935.....	12,191	9,135	50,931	.75	5.58	7,103	8,628	55,114	1.21	6.39
1936-1940.....	11,939	9,557	50,032	.80	5.23	8,647	10,926	64,564	1.26	5.91
1941.....	12,459	11,802	57,710	.92	5.02	10,276	16,572	87,387	1.61	5.27
1942.....	12,628	13,066	71,724	1.04	5.48	7,963	13,564	75,221	1.73	5.55
1943.....	13,465	12,329	113,431	.92	9.20	8,426	10,993	141,727	1.30	12.89
1944.....	14,427	13,876	123,913	.96	8.93	7,558	12,294	132,079	1.63	10.70
1945.....	14,632	13,250	109,743	.91	8.26	7,504	9,816	117,957	1.31	12.00
1946.....	13,861	11,544	( <sup>4</sup> )	.83	( <sup>4</sup> )	6,240	8,601	125,755	1.38	14.60
1947.....	14,600	13,306	( <sup>4</sup> )	.91	( <sup>4</sup> )	4,861	6,070	105,054	1.25	17.30
CHERRIES (5 STATES)						ORANGES AND TANGORINES (5 STATES) <sup>5</sup>				
	1,000 acres	1,000 barrels	1,000 dollars	Bar- rels	Dollars per barrel <sup>2</sup>		1,000 boxes <sup>2</sup>	1,000 dollars <sup>2</sup>		Dollars per box <sup>2</sup>
1919-1920.....	27	531	4,788	19.8	9.02		29,097	69,626		2.39
1921-1925.....	27	580	5,966	21.4	10.34		31,650	72,772		2.30
1926-1930.....	28	597	6,819	21.6	11.42		43,096	100,560		2.33
1931-1935.....	28	579	4,939	21.0			52,950	64,016		1.23
1936-1940.....	28	626	6,743	22.5	10.77		73,694	77,055		1.07
1941.....	29	726	8,491	25.8	11.71		85,157	124,444		1.47
1942.....	29	812	10,078	28.9	12.41		89,349	212,961		2.40
1943.....	28	688	11,157	24.2	16.39		106,651	271,501		2.57
1944.....		870	8,967		24.30		113,210	297,277		2.67
1945.....		657	13,687		20.80		104,350	302,865		2.92
1946.....		857	26,680		31.10		118,690	182,905		1.58
1947.....		785	17,521		22.30		112,560	128,919		1.15

<sup>1</sup> Values based on season average or Dec. 1 prices. See notes on "Price" column.

<sup>2</sup> Received by farmers. Prices as of Dec. 1 except as noted.

<sup>3</sup> Prices are season average prices beginning 1919; Dec. 1 prices theretofore. <sup>4</sup> All hay.

<sup>5</sup> Dec. 1 price. Prior to 1942, price of sweet sorghums for forage and hay.

<sup>6</sup> Average for 1929 and 1930.

<sup>7</sup> Not available.

<sup>8</sup> Prior to 1939, data are for 7 States. Production figures include fruit consumed on farms, sold locally, and used for manufacturing, as well as that shipped, they exclude fruit which ripened on trees but was destroyed prior to picking. Figures relate to crop produced from bloom of year shown. In California, picking season usually extends from about Oct. 1 to Dec. 31 of following year. In other States, season begins about Oct. 1.

<sup>9</sup> Prices are season average.

<sup>10</sup> Net content of boxes varies. In California and Arizona, approximate average is 77 lbs.; in other States, 80 lbs.

<sup>11</sup> Season average returns to growers. Price and value apply to entire crop exclusive of that portion donated to charity, unharvested, and/or eliminated on account of market conditions. (See note 35.) Prices are equivalent packing-house-door returns for all methods of sale and are weighted by production to obtain U. S. averages.

<sup>12</sup> Production includes following quantities donated to charity, unharvested, and/or eliminated on account of economic conditions: 1932, 877; 1934, 1,395; 1935, 614; 1936, 1,025; 1937, 1,204; 1938, 2,949; 1939, 1,236; 1940, 1,322; 1941, 762; 1942, 664; 1943, 830; 1944, 1,771; 1945, 731; 1946, 2,631. Price and value are computed on remaining crop.

Source: Dept. of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics, and annual summaries of crop statistics.

## No. 706.—CORN—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1936 TO 1947

[Pounds per bushel, 56. Covers corn for all purposes, including hogged and siloed corn and that cut and fed without removing ears, as well as that husked and snapped for grain. Prices are season average prices received by farmers]

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF—		FAIRM VALUE	
	1936- 45, avg.	1946	1947 <sup>1</sup>	1936- 45, avg.	1946	1947 <sup>1</sup>	1936-45, avg.	1946	1947 <sup>1</sup>	1946	1947 <sup>1</sup>	1946	1947 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Cts. per bu.	Cts. per bu.	1,000 dol.	1,000 dol.
U. S.	90,063	88,489	83,961	29.4	36.7	28.5	2,639,102	3,249,969	2,400,962	156	235	5,061,927	5,648,283
N. E.:													
Maine	14	11	10	39.7	37.0	40.0	537	407	400	199	280	810	1,120
N. H.	14	13	12	41.6	41.0	44.0	578	533	528	199	280	1,061	1,478
Vt.	69	58	48	38.2	40.0	40.0	2,608	2,320	1,920	199	280	4,617	5,376
Mass.	41	38	37	41.2	46.0	48.0	1,705	1,748	1,702	201	285	3,513	4,861
R. I.	9	8	8	38.0	39.0	44.0	330	312	352	201	285	627	1,003
Conn.	49	50	48	40.2	44.0	48.0	1,966	2,200	2,304	201	285	4,422	6,566
M. A.:													
N. Y.	673	683	622	35.2	39.0	32.5	23,748	26,637	20,215	167	280	44,484	80,528
N. J.	192	189	180	38.0	45.0	48.0	7,291	8,505	7,740	176	255	14,969	19,737
Pa.	1,332	1,380	1,362	40.6	43.0	42.5	53,974	59,340	57,460	180	245	106,812	140,777
E. N. C.:													
Ohio	3,469	3,641	3,386	45.5	49.0	41.0	157,149	178,409	138,838	156	240	278,319	333,162
Ind.	4,269	4,582	4,445	44.0	51.0	43.0	186,996	233,682	191,135	149	240	348,186	456,724
Ill.	8,349	8,873	8,696	45.8	57.0	39.5	380,023	505,761	343,492	151	240	783,699	824,381
Mich.	1,609	1,804	1,606	34.4	28.0	27.5	56,526	50,512	44,165	170	240	85,870	105,996
Wis.	2,400	2,545	2,620	37.8	44.0	42.0	91,368	111,980	105,840	164	235	183,647	248,724
W. N. C.:													
Minn.	4,886	5,452	5,234	37.9	44.0	36.5	185,498	239,888	191,041	140	225	335,843	429,842
Iowa	10,178	11,134	10,365	47.6	57.0	32.0	481,458	634,638	381,360	153	240	970,996	795,264
Mo.	4,328	4,415	4,018	27.6	37.0	24.5	118,154	163,355	98,441	151	245	246,666	241,180
N. Dak.	1,064	1,213	1,189	19.4	21.5	20.5	21,200	26,090	24,374	128	225	33,382	54,842
S. Dak.	3,140	4,010	3,970	19.5	30.0	19.0	64,525	120,300	75,430	141	225	169,623	160,716
Nebr.	7,528	7,978	7,340	20.0	29.0	19.5	153,843	231,362	143,120	151	235	349,357	338,356
Kans.	2,852	3,011	2,379	18.8	21.0	17.0	64,862	62,231	40,443	154	240	97,376	97,063
A.:													
Del.	140	144	140	29.8	31.5	32.5	3,694	4,536	4,550	161	225	7,303	10,288
Md.	482	456	456	34.5	38.0	36.0	16,669	17,328	16,416	160	225	27,725	36,936
Va.	1,329	1,119	1,130	26.4	36.0	38.0	34,900	40,284	42,940	182	230	73,317	98,762
W. Va.	398	303	306	30.3	34.0	41.0	11,896	10,302	12,546	186	235	19,162	29,483
N. C.	2,853	2,160	2,138	21.0	27.0	30.5	49,802	58,320	65,209	185	220	107,892	142,460
S. C.	1,632	1,447	1,404	15.0	19.0	20.0	24,280	27,493	28,080	173	215	47,563	60,872
Ge.	3,944	3,270	3,205	11.8	13.5	15.0	44,229	44,145	48,075	182	215	80,344	103,361
Fla.	724	691	691	10.4	10.0	12.5	7,512	6,910	8,629	189	210	13,060	18,140
S. C.:													
Ky.	2,567	2,246	2,179	26.2	36.5	36.0	66,809	81,979	76,265	180	235	147,562	179,223
Tenn.	2,601	2,189	2,189	24.4	30.0	29.0	63,227	65,670	63,481	156	235	122,146	149,180
La.	3,282	2,710	2,764	13.6	15.5	16.5	44,255	42,006	42,842	188	230	78,969	98,537
Ark.	2,824	2,210	2,254	16.0	16.5	16.5	45,046	36,465	37,191	188	235	68,554	87,399
S. C.:													
Ark.	1,973	1,472	1,325	17.2	21.0	17.0	33,723	30,912	22,525	166	230	51,314	51,806
La.	1,417	1,000	960	15.7	15.0	14.5	22,091	15,000	13,920	179	225	26,850	31,320
Miss.	1,704	1,479	1,272	16.3	17.5	18.0	27,644	25,892	22,896	154	220	39,858	50,371
Ala.	4,538	3,236	2,945	15.8	17.0	16.5	71,968	55,012	48,692	154	210	84,718	102,043
Mont.	169	180	166	15.0	14.0	18.0	2,543	2,520	2,968	150	230	3,780	6,872
Idaho	42	26	26	43.2	42.0	46.0	1,837	1,092	1,125	156	235	1,704	2,644
Wy.	136	68	65	12.6	16.5	19.0	1,664	1,122	1,235	154	230	1,728	2,840
Wyo.	956	683	608	14.0	21.0	23.0	13,098	14,343	13,984	146	230	20,941	32,163
Mex.	188	141	141	13.6	16.0	13.5	2,551	2,286	1,904	188	240	4,241	4,570
Cal.	35	32	32	10.8	11.0	11.0	375	352	352	203	275	715	968
Sh.	25	21	25	28.4	28.0	38.0	702	588	950	188	265	1,105	2,518
Tex.	8	2	2	30.6	35.0	32.0	86	70	64	190	265	133	170
Utah	29	17	15	39.2	62.0	53.0	1,099	884	795	161	240	1,423	1,908
Nev.	55	22	27	32.7	35.5	41.0	1,789	1,136	1,107	167	255	1,897	2,823
Ariz.	75	67	62	32.2	32.0	32.0	2,419	2,144	1,984	170	275	3,045	5,456

eliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Value of Principal Crops and Season Average Prices and Value of Production.

## No. 700.—WHEAT—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1936 TO 1947

(Pounds per bushel, 60. Prices are season average prices received by farmers)

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF—		FAIR VALUE	
	1935- 45, avg.	1946	1947 <sup>1</sup>	1935- 45, avg.	1946	1947 <sup>1</sup>	1935-45, avg.	1946	1947 <sup>1</sup>	1946	1947 <sup>1</sup>	1946	1947 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Cts. per bu.	Cts. per bu.	1,000 dol.	1,000 dol.
U. S.	57,696	67,075	74,196	15.6	17.2	18.4	899,306	1,153,046	1,364,919	191	241	2,263,244	2,283,906
N. E.:													
Maine	2	1		19.8	21.0		48	21		253		53	
M. A.:													
N. Y.	302	215	387	23.9	26.3	24.0	7,270	5,648	9,272	206	268	11,748	23,438
N. J.	57	62	75	22.0	25.0	25.0	1,245	1,580	1,875	216	246	3,379	4,594
Pa.	919	885	929	20.1	22.5	24.0	18,537	19,912	22,296	206	240	41,417	52,510
E. N. C.:													
Ohio	1,994	1,831	2,179	21.1	26.5	22.5	42,154	48,522	49,028	203	240	98,500	117,667
Ind.	1,499	1,366	1,557	18.1	21.5	23.0	27,229	29,369	35,811	198	235	58,151	84,156
Ill.	1,687	1,207	1,326	18.4	16.0	21.5	31,458	19,361	28,524	198	235	38,335	67,081
Mich.	829	864	1,192	21.9	26.5	25.0	18,242	22,896	29,800	205	250	46,937	74,500
Wis.	88	93	114	15.0	24.3	24.5	1,538	2,263	2,793	202	255	4,571	7,122
W. N. C.:													
Minn.	1,556	1,391	1,149	16.1	19.5	17.7	24,536	27,060	20,633	202	263	54,702	54,265
Iowa	326	185	159	18.8	23.4	20.5	6,060	4,335	3,252	193	235	8,367	7,642
Mo.	1,704	1,213	1,321	14.7	15.0	18.5	25,020	18,195	24,438	198	235	35,662	57,429
N. Dak.	7,728	10,192	10,240	13.1	13.7	14.3	106,205	139,824	146,038	201	266	281,046	389,461
S. Dak.	2,618	3,588	3,703	10.5	14.5	14.5	28,816	53,197	53,628	197	258	104,796	138,380
Nebr.	3,193	3,934	4,317	15.9	22.9	20.9	50,325	90,677	90,300	189	240	171,380	216,720
Kans.	11,356	13,147	14,853	14.1	16.2	19.3	158,517	212,977	256,702	191	235	406,786	673,750
S. A.:													
Del.	60	54	67	18.9	19.0	21.0	1,296	1,215	1,407	211	245	2,566	3,447
Md.	377	365	370	19.6	20.0	21.0	7,389	7,329	7,770	207	240	15,152	18,648
Va.	532	451	487	15.9	18.5	17.5	7,976	8,344	8,522	214	250	17,856	21,305
W. Va.	114	77	86	15.7	19.0	20.6	1,766	1,463	1,753	214	245	3,131	4,319
N. C.	476	371	497	13.6	17.0	17.0	6,456	6,307	8,449	224	245	14,128	20,700
S. C.	216	164	264	11.9	16.5	16.5	2,612	2,706	4,356	228	240	6,170	10,454
Ga.	186	161	240	11.0	13.0	14.0	2,049	2,093	3,360	219	230	4,584	7,728
E. S. C.:													
Ky.	406	297	324	15.2	14.0	16.0	6,245	4,158	5,154	202	235	8,399	12,182
Tenn.	392	277	346	12.8	14.0	15.0	4,981	3,879	5,190	210	240	8,144	12,456
Ala.	11	12	19	12.6	14.5	15.5	151	174	155	208	240	362	372
Miss.	9	9	20	25.7	22.0	23.0	226	195	460	183	235	362	1,081
W. S. C.:													
Ark.	46	28	24	10.8	15.0	15.5	455	420	372	190	235	798	574
Okla.	4,501	6,087	6,757	12.7	14.5	15.5	57,681	88,262	104,734	180	230	166,872	240,686
Tex.	2,696	5,992	7,310	11.3	10.5	17.0	41,287	62,915	124,270	181	225	113,578	279,608
Mt.:													
Mont.	3,452	4,133	4,308	15.1	15.2	14.9	54,564	62,888	64,325	185	258	116,343	165,958
Idaho	1,024	1,266	1,315	26.7	27.5	28.5	27,297	34,846	37,935	173	235	60,284	89,147
Wyo.	215	255	296	14.9	24.4	20.7	3,290	6,232	6,130	173	234	10,781	14,344
Colo.	1,307	1,875	2,523	18.6	19.8	23.4	20,670	37,080	59,052	185	225	68,598	132,867
N. Mex.	366	350	649	11.2	8.3	14.5	3,047	2,895	9,420	184	225	5,327	21,195
Aris.	53	27	28	22.0	21.0	21.0	738	567	588	213	245	1,206	1,441
Utah	258	310	325	22.5	22.5	24.5	5,812	6,981	8,082	184	225	12,845	18,184
Nev.	17	20	21	26.2	27.2	29.1	442	545	512	196	225	1,068	1,377
Pac.:													
Wash.	2,182	2,542	2,719	24.7	26.5	23.5	53,182	77,965	64,750	175	245	136,439	158,636
Oreg.	874	984	949	23.8	25.6	23.8	20,585	25,165	21,615	177	245	44,547	52,967
Calif.	705	663	729	18.2	19.0	16.5	12,942	12,697	12,028	203	250	25,572	30,070

<sup>1</sup> Preliminary.<sup>2</sup> Short-time average.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.

## No. 710.—OATS—ACREAGE, PRODUCTION, AND VALUE, BY STATES, 1930 TO 1947

(Pounds per bushel, 32. Figures are season average prices in cents (100,000 = 1)

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			UNITED STATES		UNITED STATES	
	1930- 35, AVE.	1946	1947	1930- 35, AVE.	1946	1947	1930-35, AVE.	1946	1947	1930-35, AVE.	1946	1946	1947
	1,000 ACRES	1,000 ACRES	1,000 ACRES	BU.	BU.	BU.	1,000 BU.	1,000 BU.	1,000 BU.	1,000 BU.	1,000 BU.	1,000 BU.	1,000 BU.
U. S. ....	37,161	43,283	45,648	31.3	34.7	31.8	1,163,264	1,497,004	1,445,416	1,163,264	1,497,004	1,163,264	1,497,004
N. E.:													
Maine .....	97	71	78	37.2	41.0	38.1	4,460	4,000	4,000	4,460	4,000	4,460	4,000
N. H. ....	7	7	7	30.6	37.0	32.1	200	260	220	200	260	200	220
Vt. ....	20	43	30	31.8	44.0	27.1	1,100	1,900	1,100	1,100	1,900	1,100	1,100
Mass. ....	6	7	7	30.8	37.0	30.1	180	260	210	180	260	180	210
R. I. ....	1	1	1	30.7	37.0	30.1	30	30	30	30	30	30	30
Conn. ....	5	7	5	31.8	36.0	33.1	160	250	170	160	250	160	170
M. A.:													
N. Y. ....	772	939	931	28.4	30.1	27.1	21,900	28,200	25,300	21,900	28,200	21,900	25,300
N. J. ....	44	45	41	28.6	32.1	26.1	1,200	1,450	1,050	1,200	1,450	1,200	1,050
Pa. ....	550	594	521	28.9	35.4	26.1	15,700	21,000	13,500	15,700	21,000	15,700	13,500
E. N. C.:													
Ohio .....	1,129	1,302	1,264	25.6	27.1	26.1	28,800	35,300	32,900	28,800	35,300	28,800	32,900
Ind. ....	1,308	1,412	1,444	22.6	26.1	26.1	29,500	36,800	37,800	29,500	36,800	29,500	37,800
Ill. ....	2,411	2,706	2,662	24.6	26.1	26.1	59,300	70,700	69,600	59,300	70,700	59,300	69,600
Mich. ....	1,611	1,591	1,564	24.4	26.1	26.1	40,300	41,500	40,800	40,300	41,500	40,300	40,800
W. N. C.:													
Mont. ....	4,391	4,302	4,302	24.6	26.1	26.1	107,900	112,300	112,300	107,900	112,300	107,900	112,300
Iowa .....	1,212	1,212	1,212	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
Mo. ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
N. Dak. ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
S. Dak. ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
Nebr. ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
Kan. ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
W.:													
Id. ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
W. Dak. ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
Mont. ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
Wyo. ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
Utah ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
Ariz. ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
Nev. ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
Cal. ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
Ala. ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
Miss. ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
Ark. ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
La. ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
Tex. ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
Okla. ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
N. Mex. ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
W. Mex. ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
Guam ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
Puerto Rico ..	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
Virgin Islands ..	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
Philippines ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
China ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
India ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
Japan ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
U. S. S. R. ....	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500
Other countries ..	1,211	1,211	1,211	24.6	26.1	26.1	29,900	31,500	31,500	29,900	31,500	29,900	31,500

No. 711.—BARLEY AND RICE—ACREAGE, PRODUCTION, AND VALUE, BY STATE:  
1936 TO 1947

[Pounds per bushel of barley, 48; rice (rough), 45. Prices are season average prices received by farmers]

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF—		FARM VALUE	
	1936- 45, AVE.	1946	1947 <sup>1</sup>	1936- 45, AVE.	1946	1947 <sup>1</sup>	1936- 45, AVE.	1946	1947 <sup>1</sup>	1946	1947 <sup>1</sup>	1946	1947 <sup>1</sup>
BARLEY													
U. S.	12,487	10,411	10,947	Bu. 22.9	Bu. 25.2	Bu. 25.6	1,000 bu. 287,360	1,000 bu. 262,258	1,000 bu. 279,182	Cents per bu. 136	Cents per bu. 171	1,000 dol. 366,657	1,000 dol. 476,578
N. E.:													
Maine.....	4	4	4	27.8	32.0	28.0	111	128	112	142	180	182	203
Vt.....	5	2	1	26.5	28.0	19.0	132	56	19	164	205	92	39
M. A.:													
N. Y.....	126	114	91	24.6	32.0	24.0	3,084	3,648	2,184	137	175	4,908	2,832
N. J.....	6	9	12	27.5	36.0	33.0	173	324	396	155	160	502	624
Pa.....	106	106	123	29.0	36.5	33.0	3,140	3,942	4,059	153	150	6,031	6,059
E. N. C.:													
Ohio.....	31	17	15	25.5	29.5	26.0	794	502	390	134	145	873	566
Ind.....	48	25	20	23.5	24.0	26.0	1,164	600	520	135	145	810	754
Ill.....	104	24	23	27.0	26.0	28.5	2,862	624	650	139	160	867	1,050
Mich.....	182	128	115	27.3	36.5	30.0	5,023	5,037	3,450	147	190	7,404	6,555
Wis.....	553	124	159	30.0	37.5	37.5	16,032	4,650	5,962	154	215	7,161	12,818
W. N. C.:													
Minn.....	1,562	733	975	24.3	29.0	26.5	38,915	21,257	25,838	146	210	31,035	54,280
Iowa.....	265	13	34	24.6	31.5	23.5	6,988	410	799	135	190	554	1,518
Mo.....	136	63	63	19.5	20.0	23.0	2,677	1,290	1,449	140	150	1,764	2,174
N. Dak.....	1,809	2,284	2,398	19.6	20.0	21.0	38,297	45,690	50,358	139	195	63,495	96,198
S. Dak.....	1,576	1,377	1,432	18.3	22.0	22.0	29,752	30,294	31,504	139	190	42,109	50,858
Nebr.....	1,130	549	467	17.4	21.0	22.0	20,768	11,529	10,274	120	145	13,835	14,897
Kans.....	761	287	290	15.2	17.5	22.0	12,051	5,022	6,380	125	145	6,278	9,251
S. A.:													
Del.....	6	10	12	29.2	30.5	30.5	158	305	366	145	145	442	531
Md.....	62	63	77	28.3	34.5	34.0	1,748	2,174	2,618	144	145	3,131	3,796
Va.....	67	71	84	25.7	32.0	29.5	1,726	2,272	2,478	146	145	3,317	3,593
W. Va.....	9	7	8	25.1	29.0	29.5	226	203	236	153	165	311	399
N. C.....	26	30	35	22.1	27.5	26.0	598	825	980	161	165	1,328	1,617
S. C.....	16	21	24	19.1	26.0	26.0	325	546	624	182	175	994	1,092
Ga.....	17	6	7	18.9	21.5	22.0	140	129	154	188	190	243	293
E. S. C.:													
Ky.....	67	60	63	22.7	25.0	25.0	1,531	1,250	1,325	142	145	1,775	1,921
Tenn.....	72	82	77	19.2	20.0	21.0	1,404	1,640	1,617	152	150	2,493	2,426
Ala.....		2	1		18.0	18.0		36	18	158	160	57	29
Miss.....	13	2	2	25.3	24.0	23.0	71	48	46	153	155	73	71
W. S. C.:													
Ark.....	10	5	3	16.6	19.5	20.0	174	98	60	154	190	151	96
Okla.....	346	130	120	16.1	14.0	15.0	5,682	1,820	2,160	128	140	2,330	2,024
Tex.....	228	174	144	16.6	16.0	17.5	3,918	2,610	2,520	130	130	3,303	3,276
Mt.:													
Mont.....	326	780	780	24.7	22.5	23.0	8,486	17,550	17,940	118	140	20,709	25,116
Idaho.....	259	267	310	35.0	36.0	37.5	9,139	9,346	11,625	117	145	10,934	16,856
Wyo.....	93	150	152	28.0	30.0	31.0	2,683	4,500	4,712	114	140	5,130	6,597
Colo.....	581	593	605	22.7	23.5	28.0	13,474	13,936	16,949	123	145	17,141	24,563
N. Mex.....	24	30	36	20.8	20.0	19.5	489	600	702	142	160	852	1,053
Ariz.....	45	85	104	33.1	35.0	37.0	1,533	2,975	3,848	136	140	4,046	5,387
Utah.....	106	108	108	43.6	45.0	47.0	4,625	4,890	5,076	131	145	6,267	7,360
Nev.....	17	20	20	35.1	34.0	37.0	600	680	740	144	150	979	1,110
Pac.:													
Wash.....	156	90	104	35.5	37.5	35.0	5,731	3,375	3,640	128	190	4,320	5,824
Oreg.....	211	278	314	30.6	34.0	35.5	6,574	9,452	11,147	132	170	12,477	16,950
Calif.....	1,261	1,486	1,545	27.2	31.0	28.0	34,436	46,066	43,290	143	160	65,874	69,216
RICE (ROUGH)													
U. S.	1,239	1,574	1,677	47.4	45.9	47.3	58,220	72,216	79,345	225	271	162,726	215,081
Ark.....	220	320	365	50.8	44.5	46.0	11,118	14,240	16,330	227	290	32,325	42,458
La.....	535	589	613	36.9	38.5	35.0	21,343	22,676	21,458	231	265	52,362	56,856
Tex.....	315	412	474	48.0	48.0	50.0	14,877	17,716	23,700	226	285	40,038	67,545
Calif.....	169	253	235	66.3	60.5	76.0	10,982	17,564	17,900	216	270	37,981	48,222

<sup>1</sup> Preliminary.<sup>2</sup> Short-time average.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.



12.—**RYE AND SORGHUMS FOR GRAIN—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1936 TO 1947**

per bushel of rye, 55; sorghums for grain, 55 and 50. Prices are season average prices received by farmers)

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF—		FARM VALUE	
	1936-45, AVE.	1946	1947 <sup>1</sup>	1936-45, AVE.	1946	1947 <sup>1</sup>	1936-45, AVE.	1946	1947 <sup>1</sup>	1946	1947 <sup>1</sup>	1946	1947 <sup>1</sup>
RYE													
all States	3,184	1,607	2,022	11.9	11.7	12.8	37,334	12,879	25,977	192	243	36,169	63,180
Ark.	18	8	15	17.2	18.0	19.0	312	144	285	198	230	285	656
Cal.	16	15	15	16.8	17.5	18.0	275	262	270	198	215	519	580
Conn.	57	23	18	14.6	16.5	15.5	828	341	279	170	200	580	558
Del.	56	17	30	16.1	17.0	17.0	918	289	510	180	225	520	1,148
Ill.	114	46	60	12.9	13.5	14.0	1,479	621	840	179	225	1,112	1,830
Ind.	71	38	57	12.7	12.5	14.0	912	475	798	182	230	804	1,836
Iowa	86	48	70	13.1	14.0	16.0	1,104	672	1,120	184	235	1,236	2,632
Kan.	186	76	67	11.3	11.5	11.5	2,181	874	1,000	198	250	1,731	2,500
La.	212	118	164	13.5	13.0	15.0	4,384	1,534	2,400	208	260	3,191	6,306
Mich.	58	10	17	16.1	17.0	15.0	972	170	255	192	245	326	625
Minn.	43	35	36	11.0	12.5	13.0	512	438	468	190	230	832	1,076
Mo.	602	196	323	10.8	11.0	12.5	6,750	2,156	4,360	206	260	4,441	11,336
Neb.	548	241	347	11.5	10.5	14.0	6,589	2,530	4,838	199	255	5,027	12,369
N.J.	385	267	288	10.7	11.8	9.0	4,155	3,070	2,592	185	240	5	6,221
N.Y.	85	53	57	10.8	10.5	11.0	917	566	627	180	230		1,442
Pa.	12	10	19	13.1	13.5	12.5	152	243	238	189	215	57	512
R.I.	18	14	19	14.2	14.5	14.5	256	203	278	186	215	378	593
S.D.	42	28	27	12.3	14.0	14.5	511	392	392	183	215	717	843
Tenn.	6	2	3	11.9	12.5	12.0	72		36	174	205	66	74
Tex.	46	22	24	9.6	12.5	14.0	435	275	336	238	265	646	890
Va.	16	13	12	8.9	10.0	11.0	163	120	132	238	260	309	342
W. Va.	18	5	6	7.7	11.0	9.0	135	66	54	257	270	170	146
Wyo.	20	37	37	12.3	14.0	14.0	253	518	518	190	230	984	1,191
Mont.	39	25	26	9.6	10.0	10.5	378	250	273	210	225	525	614
Idaho	84	48	48	8.8	9.0	10.0	760	432	480	161	220	606	1,056
Utah	15	11	35	9.7	10.0	10.0	147	110	350	158	195	174	682
Nev.	34	33	39	11.5	10.0	13.0	413	330	507	211	260	696	1,318
Ariz.	6	4	5	14.2	14.0	17.0	86	56	85	172	215	96	183
N.M.	18	8	7	9.3	10.5	11.0	183	84	77	182	220	153	169
Okla.	70	68	47	9.4	9.5	10.0	704	645	470	174	230	1,124	1,081
Colo.	8	5	8	9.6	8.5	11.5	75	42	58	164	215	60	125
N.D.	6	9	8	9.4	9.5	10.0	61	66	80	180	210	155	168
Nebr.	20	12	16	11.4	12.5	10.5	240	150	168	159	225	238	378
Wis.	36	40	40	13.8	13.5	14.0	500	540	560	167	210	902	1,176
Ill.	10	13	15	11.9	12.0	11.0	124	156	165	167	215	261	355
SORGHUMS FOR GRAIN													
all States	5,523	5,773	5,604	15.2	15.8	17.1	22,124	105,941	95,608	137	178	146,571	170,446
Ark.	12	1	1	26.5	30.0	26.0	53	30	26	112	160	34	42
Cal.	2	1	1	26.4	30.0	24.0	44	30	24	112	180	34	38
Conn.	3	1	1	22.1	20.0	16.0	74	20	16	137	171	27	27
Del.	56	44	28	17.6	22.0	16.0	1,071	968	608	137	202	1,326	1,228
Ill.	15	4	5	14.4	15.0	15.0	57	52	75	122	179	63	134
Iowa	113	37	18	9.8	16.0	9.0	1,170	602	162	119	179	704	200
Kan.	160	51	44	14.2	18.0	15.0	2,159	918	660	115	188	1,058	1,241
La.	1,213	851	754	13.5	12.5	14.5	18,283	11,488	10,933	111	190	12,752	21,429
Mich.		26	38		21.0	20.0		546	700	131	174	715	1,322
Mo.	10	9	10	14.1	15.5	15.5	146	124	155	140	171	179	265
Neb.	2	1	1	15.6	17.0	16.0	25	17	16	140	174	24	28
N.J.	726	636	471	11.1	11.5	11.0	8,398	7,314	5,181	135		9,874	9,990
N.Y.	3,003	4,613	3,831	16.1	16.0	18.0	50,164	73,742	68,313	141	171	103,976	116,815
Pa.	161	191	160	11.3	13.0	15.0	1,893	2,463	2,400	126	179	3,129	4,206
R.I.	200	108	141	12.6	10.4	10.6	2,810	1,127	1,488	129	182	1,454	2,708
S.D.	32	55	52	32.1	36.0	41.0	1,047	1,980	2,132	133	207	2,533	4,413
Tenn.	135	145	70	35.4	38.0	38.0	4,775	5,510	2,660	156	232	8,596	6,171

Illinois.

<sup>1</sup> Short-time average.

Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, Production of Principal Crops and Season Average Prices and Value of Production.

## No. 713.—POTATOES—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1936 TO 1947

(Pounds per bushel, 60. Prices are season average prices received by farmers)

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF—		FARM VALUE	
	1936- 45, avg.	1946	1947 <sup>1</sup>	1936- 45, avg.	1946	1947 <sup>1</sup>	1936-45, avg.	1946	1947 <sup>1</sup>	1946	1947 <sup>1</sup>	1946	1947 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Cts. per bu.	Cts. per bu.	1,000 dol.	1,000 dol.
<b>U. S.</b>	2,862	2,599	2,112	132	186	182	376,122	484,174	384,407	124	157	596,466	661,635
<b>N. E.:</b>													
Maine	170	219	182	278	358	345	47,872	78,402	62,790	108	125	84,074	84,766
N. H.	8	6	5	152	205	190	1,192	1,250	893	164	195	2,050	1,741
Vt.	18	9	7	132	160	180	1,694	1,392	1,080	163	205	2,269	2,214
Mass.	19	21	16	146	170	195	2,749	3,604	3,178	169	190	8,091	6,088
R. I.	6	8	6	192	215	240	981	1,742	1,512	157	175	2,735	2,646
Conn.	17	18	14	177	240	250	3,043	4,392	3,425	154	173	6,764	5,935
<b>M. A.:</b>													
N. Y.	201	176	142	336	515	490	28,376	43,000	33,090	127	148	54,610	46,973
N. J.	59	68	60	170	207	219	9,988	14,078	13,140	115	143	16,187	18,790
Pa.	■	127	109	120	158	165	20,184	20,066	17,965	145	170	29,096	30,574
<b>E. N. C.:</b>													
Ohio	91	54	42	105	140	130	9,539	7,560	5,460	173	196	12,070	■
Ind.	46	28	25	108	160	150	4,946	4,480	3,730	160	197	7,168	7,396
Ill.	34	18	12	82	98	88	2,784	1,764	1,056	165	217	2,911	2,232
Mich.	208	149	118	101	123	106	20,976	18,327	12,390	122	173	22,359	21,435
Wis.	179	118	96	82	105	105	14,593	11,865	10,080	127	165	15,069	16,632
<b>W. N. C.:</b>													
Minn.	218	151	121	87	115	120	18,839	17,365	14,520	118	160	20,491	23,222
Iowa	50	24	13	92	120	75	4,524	2,690	975	165	215	4,752	2,096
Mo.	40	26	20	98	129	106	3,910	3,354	2,120	127	154	4,260	3,266
N. Dak.	145	150	134	105	125	150	15,616	18,750	20,100	106	150	19,875	20,150
S. Dak.	30	29	23	68	98	80	2,107	2,842	1,840	150	192	4,263	3,538
Nebr.	76	67	52	128	175	155	9,687	11,725	8,060	103	140	12,077	11,284
Kans.	25	16	12	87	102	99	2,200	1,632	1,188	121	132	1,975	1,566
<b>S. A.:</b>													
Del.	4	3	3	84	104	105	336	354	336	142	172	503	578
Md.	22	17	14	103	132	148	2,246	2,244	2,067	133	155	2,985	■
Va. <sup>2</sup>	76	68	63	114	157	150	8,706	10,676	9,450	126	165	13,452	15,692
W. Va.	32	26	25	92	110	135	2,935	2,800	3,375	173	182	4,948	6,142
N. C. <sup>2</sup>	85	83	72	100	152	128	8,453	12,616	9,216	120	156	15,139	14,561
S. C.	24	24	20	105	149	122	2,541	3,576	2,440	155	169	5,543	4,124
Ga.	23	23	19	62	83	79	1,450	1,909	1,422	163	187	3,112	2,659
Fla.	32	39	27	126	159	123	3,973	6,249	3,272	197	159	12,311	5,202
<b>E. S. C.:</b>													
Ky.	43	37	34	82	106	90	3,540	3,996	3,366	139	167	5,554	5,621
Tenn.	42	37	30	75	92	96	3,121	3,404	2,890	138	158	4,608	4,550
Ala.	48	46	37	89	101	90	4,288	4,646	3,330	130	146	6,040	4,662
Miss.	24	27	20	65	80	72	1,576	2,160	1,460	144	156	3,110	■
<b>W. S. C.:</b>													
Ark.	42	37	28	77	89	90	3,226	3,293	2,520	133	154	4,390	3,881
La.	46	40	31	61	67	53	2,725	2,280	1,643	137	160	3,124	2,629
Okla.	28	20	15	68	75	69	1,948	1,500	1,035	149	152	2,235	1,573
Tex.	52	53	42	76	111	108	4,009	5,863	4,536	139	169	8,177	7,666
<b>Mt.:</b>													
Mont.	16	17	13	108	130	■	1,798	2,210	1,820	148	193	3,271	3,549
Idaho	143	178	130	229	255	220	32,797	45,390	28,609	90	150	40,851	42,909
Wyo.	16	12	12	132	205	200	2,011	2,542	2,480	103	195	2,618	4,836
Colo.	82	66	74	182	230	260	14,871	19,780	19,240	110	155	21,758	29,822
N. Mex.	4	4	4	■	85	85	306	340	306	157	194	534	563
Ariz.	3	7	6	172	270	290	598	1,836	1,740	146	180	2,681	3,132
Utah	15	18	14	167	195	185	2,419	3,330	2,498	128	170	4,262	4,247
Nev.	3	3	2	179	210	210	467	672	483	130	210	914	1,014
<b>Pac.:</b>													
Wash.	39	44	34	209	230	200	8,120	10,120	8,840	129	146	13,065	12,906
Oreg.	40	52	39	211	260	260	8,620	13,520	10,140	136	165	18,387	16,731
Calif.	77	119	96	607	765	760	23,690	46,320	37,260	134	165	62,060	61,479

<sup>1</sup> Preliminary.<sup>2</sup> For 1946, estimates include 125,000 bushels from 455 acres in Virginia and 1,379,000 bushels from 4,470 acres in North Carolina unharvested but purchased by Government under price support program.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield and Production of Principal Crops and Season Average Prices and Value of Production.

## No. 714.—WHEAT, SPRING AND WINTER—ACREAGE AND PRODUCTION: 1927 TO 1947

[Acreage in thousands and production in thousands of bushels; pounds per bushel, 60]

YEAR	WINTER WHEAT				SPRING WHEAT (INCLUDING DURUM)			
	Acreage		Production	Yield per acre (bushels)	Acreage		Production	Yield per acre (bushels)
	Seeded <sup>1</sup>	Harvested			Seeded	Harvested		
1927	44,134	38,195	548,188	14.4	21,527	21,433	326,871	15.3
1928	43,431	36,853	579,066	15.7	22,721	22,373	335,307	15.0
1929	44,145	41,241	587,087	14.2	23,032	22,151	237,126	10.7
1930	45,248	41,111	633,809	15.4	22,311	21,526	252,713	11.7
1931	45,915	43,468	823,315	19.0	20,548	14,216	116,226	8.2
1932	43,628	36,101	491,511	13.6	22,653	21,750	264,796	12.2
1933	44,802	30,348	378,283	12.6	24,207	19,076	173,932	9.1
1934	44,836	34,683	438,683	12.6	19,226	8,664	87,369	10.1
1935	47,426	33,602	469,412	14.0	22,175	17,703	168,816	9.0
1936	49,986	37,944	523,603	13.8	23,964	11,181	106,277	9.5
1937	57,845	47,075	688,574	14.6	22,909	17,094	185,340	10.8
1938	56,464	49,567	685,178	13.8	22,517	19,630	234,736	12.0
1939	46,153	37,690	565,642	15.0	16,648	14,988	175,538	11.7
1940	43,325	35,909	590,212	16.6	18,285	17,179	223,093	13.0
1941	45,671	39,485	670,709	17.0	16,661	16,157	272,418	16.9
1942	38,072	35,436	606,480	19.7	14,155	13,764	277,726	20.2
1943	27,782	33,976	531,481	15.6	17,345	16,673	309,542	18.6
1944	46,169	40,560	758,930	18.7	19,335	18,635	313,247	16.9
1945	50,416	46,989	817,834	17.4	18,718	18,131	290,390	16.0
1946	52,195	48,350	1,153,046	18.0	19,341	18,726	262,321	16.1
1947 <sup>2</sup>	58,068	54,790	1,364,919	19.5	19,679	19,406	296,949	15.3

<sup>1</sup> Seeded in preceding fall.<sup>2</sup> Preliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics, annual report, Agricultural Statistics, as published currently in part in Crops and Markets.

## No. 715.—SWEETPOTATOES—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1936 TO 1947

[Pounds per bushel, 55. Prices are season average prices received by farmers]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF—		FARM VALUE	
	1936-1945, average	1946	1947 <sup>1</sup>	1936-1945, average	1946	1947 <sup>1</sup>	1936-1945, average	1946	1947 <sup>1</sup>	1936-1945, average	1947 <sup>1</sup>	1946	1947 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Cts. per bu.	Cts. per bu.	1,000 dol.	1,000 dol.
United States	738	676	611	87	96	94	64,209	66,424	57,178	218	215	144,496	123,039
Jersey	16	16	16	132	170	136	2,062	2,720	2,160	255	240	6,936	5,184
Mass.	2	1	2	98	115	116	227	138	111	239	250	330	518
N.C.	3	3	3	87	80	70	298	208	154	198	210	412	323
Ohio	11	2	2	94	110	90	207	165	162	253	260	417	421
Penn.	3	7	6	90	110	86	728	770	536	228	265	1,756	1,420
Va.	3	2	2	106	95	75	282	111	135	243	200	486	270
Wash.	11	1	1	120	140	120	319	140	120	213	200	298	240
Wis.	9	10	10	111	175	140	1,254	1,698	1,330	200	190	3,396	2,527
Ill.	32	26	28	113	125	125	3,568	3,250	3,500	202	175	6,565	6,125
S. Carolina	78	61	64	102	120	115	7,847	7,320	7,360	229	215	16,763	15,824
N. Carolina	58	58	54	86	105	110	5,185	6,090	5,940	209	200	12,728	11,880
Ga.	98	78	77	73	90	85	7,180	7,030	6,545	216	210	15,163	13,744
La.	18	16	17	66	68	75	1,182	1,088	1,275	272	265	2,959	3,379
Ark.	16	13	13	82	86	80	1,360	1,118	1,040	214	240	2,393	2,496
Miss.	42	30	25	93	105	93	3,886	3,150	2,325	218	225	6,807	5,231
Tenn.	76	55	52	77	85	82	5,885	5,525	5,084	229	235	12,652	11,947
Mississippi	66	56	50	88	82	87	5,801	5,152	4,350	243	250	12,519	10,875
Alabama	26	19	17	78	82	70	1,969	1,558	1,190	245	245	3,817	2,916
Louisiana	102	120	90	81	90	83	8,267	10,800	7,470	157	145	16,956	10,832
Florida	10	8	7	64	65	60	658	520	420	262	265	1,362	1,113
Texas	59	73	55	82	90	85	4,826	6,570	4,675	229	245	15,045	11,454
New Mexico	11	12	12	109	102	100	1,232	1,224	1,200	382	360	4,676	4,320

<sup>1</sup> Preliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, Production of Principal Crops and Season Average Prices and Value of Production.

## No. 716.—COTTON AND COTTONSEED—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1911 TO 1947

[Cotton production excludes linters. Figures for production in some States differ slightly from census figures on ginnings due to ginnings in 1 State of cotton grown in another. Where figures are not shown for individual States, separate data are not available for entire period but are included in United States totals. Values shown are for marketing season or crop year and should not be confused with calendar year income. Yields and prices for periods are simple averages of figures for individual years. Tons are of 2,000 pounds]

YEARLY AVERAGE OR YEAR	COTTON					COTTONSEED			Total farm value
	Acres harvested	Bales (500 pounds gross)	Farm value	Yield per acre	Farm price per pound	Quantity	Farm value	Farm price per ton <sup>1</sup>	
	Thousands	Thousands	1,000 dollars	Pounds	Cents	1,000 short tons	1,000 dollars	Dollars	1,000 dollars
<b>United States:</b>									
1911-1915.....	23,649	14,167	729,245	201	10.44	6,292	125,791	20.59	856,036
1916-1920.....	23,534	11,918	1,468,022	170	24.91	5,395	277,640	53.28	1,745,662
1921-1925.....	35,895	11,515	1,277,208	151	22.22	5,112	169,432	33.11	1,446,640
1926-1930.....	42,212	14,834	1,126,700	111	15.38	6,500	184,899	28.83	1,311,599
1931-1935.....	31,671	12,684	551,305	191	9.16	5,505	95,829	19.16	647,134
1936-1940.....	27,038	13,534	646,935	239	9.66	5,684	132,166	23.49	779,101
1941-1945.....	20,632	11,247	1,110,463	261	19.84	4,603	228,712	49.83	1,339,175
1944.....	19,651	12,000	1,267,857	299	20.73	4,902	258,163	52.70	1,526,020
1945.....	17,059	9,015	1,014,823	254	22.52	3,664	187,155	51.10	1,201,978
1946.....	12,615	8,640	1,409,671	235	32.64	3,513	252,674	71.90	1,662,345
1947.....	21,148	11,694	1,829,506	265	31.30	4,744	404,979	85.40	2,234,485
<b>Alabama:</b>									
1911-1915.....	3,570	1,463	74,980	194	10.45	650	13,350	21.45	88,330
1916-1920.....	2,450	643	81,892	126	24.96	285	16,583	57.43	98,415
1921-1925.....	2,797	864	95,312	146	22.47	384	13,050	34.56	108,362
1926-1930.....	3,438	1,319	97,732	183	15.20	568	16,302	29.27	114,034
1931-1935.....	2,597	1,068	47,543	199	9.17	450	8,105	18.73	55,648
1936-1940.....	2,211	1,084	51,927	231	9.64	429	10,031	23.30	61,958
1941-1945.....	1,568	922	92,656	281	20.00	352	17,343	49.12	109,999
1944.....	1,393	1,006	105,430	347	20.96	386	19,686	51.00	125,116
1945.....	1,379	931	105,126	324	22.59	354	17,948	50.70	123,076
1946.....	1,530	822	139,392	258	33.65	313	21,055	67.30	159,457
1947.....	1,545	935	147,262	291	31.50	353	28,045	79.00	175,307
<b>Arizona:</b>									
1911-1920.....	118	00	10,813	265	37.31	27	1,180	52.42	11,993
1921-1925.....	131	79	10,644	281	28.09	35	1,115	31.86	11,759
1926-1930.....	185	134	12,069	347	18.37	69	1,698	24.80	13,767
1931-1935.....	146	106	5,836	347	10.73	52	1,010	18.09	6,846
1936-1940.....	224	219	12,312	468	11.45	99	2,296	23.10	14,607
1941-1945.....	304	152	17,629	356	23.47	69	3,394	50.02	21,023
1944.....	144	136	14,631	463	21.56	58	2,957	52.80	17,588
1945.....	154	117	13,670	363	23.45	58	2,631	53.70	16,301
1946.....	145	158	23,923	521	30.35	65	5,466	84.10	29,389
1947.....	225	220	34,650	468	31.50	94	8,366	89.00	43,016
<b>Arkansas:</b>									
1911-1915.....	2,066	927	47,680	212	10.37	412	8,196	20.24	55,876
1916-1920.....	2,510	1,039	122,780	196	24.53	462	23,550	52.55	146,330
1921-1925.....	2,741	1,025	108,148	176	22.07	455	13,953	31.98	122,101
1926-1930.....	3,270	1,217	92,226	178	15.13	523	14,832	28.62	107,058
1931-1935.....	2,702	1,197	50,062	209	9.16	511	8,510	19.28	58,572
1936-1940.....	2,317	1,492	69,625	310	9.44	628	14,675	23.52	84,300
1941-1945.....	1,821	1,295	126,490	340	19.71	535	26,405	49.58	152,895
1944.....	1,774	1,394	144,524	377	20.74	558	28,904	51.80	173,428
1945.....	1,500	1,042	116,968	333	22.45	431	21,507	50.13	138,475
1946.....	1,700	1,281	207,317	361	32.35	523	38,730	72.80	246,047
1947.....	2,037	1,260	194,040	297	30.80	515	43,775	65.00	237,815
<b>California:</b>									
1911-1915.....	20	15	730	375	10.49	6	121	19.98	851
1916-1920.....	90	46	5,719	264	24.90	21	1,033	51.40	6,752
1921-1925.....	101	60	8,906	263	23.18	27	948	35.56	7,854
1926-1930.....	217	183	13,673	395	15.90	83	2,177	27.07	16,060
1931-1935.....	193	204	10,509	605	9.75	86	1,772	19.43	12,281
1936-1940.....	401	516	26,658	627	10.40	211	5,322	25.78	31,979
1941-1945.....	323	365	36,294	627	19.96	148	7,638	51.60	43,932
1944.....	301	327	34,150	621	20.80	126	6,848	54.35	40,998
1945.....	317	353	39,087	635	22.12	141	7,614	54.00	46,701
1946.....	358	456	70,863	613	30.94	183	15,522	63.80	86,375
1947.....	534	700	118,560	682	31.20	304	29,488	97.00	148,048
<b>Florida:</b>									
1911-1915.....	251	67	4,604	128	13.95	20	575	19.79	5,179
1916-1920.....	175	31	5,260	85	33.16	14	754	54.35	6,014
1921-1925.....	107	24	2,569	106	22.08	10	347	34.69	2,916
1926-1930.....	116	33	2,304	132	15.36	15	391	27.40	2,696
1931-1935.....	103	31	1,296	141	8.73	14	239	17.60	1,534
1936-1940.....	83	11	1,258	145	9.89	12	258	21.03	1,516
1941-1945.....	41	14	1,366	163	19.55	11	274	44.98	1,640
1944.....	29	13	1,343	163	20.35	6	286	47.60	1,629
1945.....	20	8	896	203	21.21	3	147	49.00	1,043
1946.....	20	6	963	147	32.71	2	108	53.80	1,091
1947.....	25	10	1,560	192	31.80	4	288	72.00	1,578

<sup>1</sup> Season average price.

**—COTTON AND COTTONSEED—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1911 TO 1947—Continued**

FARMER OR AR	COTTON					COTTONSEED			Total farm value
	Acres har- vested	Bales (500 pounds gross)	Farm value	Yield per acre	Farm price per pound	Quan- tity	Farm value	Farm price per ton	
	Thou- sands	Thou- sands	1,000 dollars	Pounds	Cents	1,000 short tons	1,000 dollars	Dollars	1,000 dollars
.....	4,825	2,298	118,952	227	10.58	1,020	21,478	21.67	140,430
.....	4,725	1,780	231,226	180	25.62	790	45,988	66.87	277,212
.....	2,991	852	96,152	136	22.87	378	13,336	35.80	109,488
.....	3,345	1,312	97,358	187	15.43	580	16,431	29.23	113,789
.....	2,440	1,075	48,700	213	9.23	472	8,759	19.20	57,459
.....	2,162	1,073	52,404	236	9.80	446	10,612	23.73	63,016
.....	1,545	761	77,613	235	20.39	306	15,376	50.25	92,991
.....	1,335	810	86,230	292	21.28	320	16,960	53.00	103,190
.....	1,260	669	77,156	257	23.06	268	13,775	51.40	90,931
.....	1,210	557	95,224	221	34.20	223	15,052	67.50	110,276
.....	1,260	660	104,610	246	31.70	265	21,730	82.00	126,340
.....	1,023	399	20,577	187	10.36	177	3,413	19.62	23,990
.....	1,273	471	58,248	177	24.87	212	11,229	52.40	69,476
.....	1,260	479	50,751	170	21.48	212	6,694	31.54	57,445
.....	1,795	718	53,521	191	15.19	329	8,858	27.33	62,379
.....	1,453	606	26,150	196	9.20	281	4,722	18.42	30,872
.....	1,268	748	35,656	290	9.62	315	7,154	22.54	42,809
.....	937	530	52,549	270	19.77	218	10,662	48.72	63,211
.....	884	620	64,387	338	20.78	250	12,550	50.20	76,937
.....	804	357	43,698	232	22.60	163	8,117	49.80	51,815
.....	800	247	40,946	148	33.16	108	6,376	61.90	47,325
.....	864	505	60,295	281	31.80	101	16,860	60.00	77,155
.....	2,946	1,152	60,868	187	10.63	512	10,567	21.05	71,425
.....	2,858	960	123,065	161	26.16	426	23,404	53.74	146,469
.....	3,016	1,099	123,276	170	23.20	488	15,839	32.56	139,115
.....	3,622	1,619	127,361	203	15.67	764	22,167	30.91	150,528
.....	3,176	1,300	59,616	196	9.46	629	12,391	20.66	72,006
.....	2,798	1,828	89,984	309	9.91	816	20,159	24.66	110,143
.....	2,366	1,746	162,380	353	20.65	733	37,900	51.68	200,280
.....	2,325	1,937	213,014	400	21.99	795	42,532	53.60	255,546
.....	2,240	1,590	188,994	334	23.97	640	33,964	63.10	222,978
.....	2,220	1,647	173,632	226	33.22	428	29,452	69.20	203,084
.....	2,320	1,555	251,910	322	32.40	644	57,316	89.00	309,226
.....	111	70	3,358	298	9.85	31	680	22.39	4,035
.....	122	66	7,505	259	23.32	29	1,505	53.02	9,010
.....	316	168	16,665	274	20.66	74	2,793	37.74	19,458
.....	368	173	12,153	234	14.61	85	2,296	27.72	14,449
.....	353	255	10,696	344	8.77	130	2,158	18.24	12,754
.....	422	375	17,366	433	9.39	167	3,639	22.06	21,004
.....	373	356	34,708	456	19.85	151	7,018	46.71	41,726
.....	406	411	43,587	487	21.18	159	7,791	49.00	51,328
.....	260	190	19,261	331	21.41	79	3,539	44.80	22,800
.....	310	307	47,516	473	31.00	111	9,280	70.30	56,796
.....	431	320	49,600	355	31.00	137	11,371	83.00	60,971
.....	77	41	4,849	242	24.55	18	507	34.43	5,446
.....	120	85	6,622	339	15.88	38	979	26.08	7,601
.....	101	86	4,086	413	9.51	38	724	19.47	4,810
.....	114	120	5,816	507	9.79	47	1,128	24.12	6,944
.....	117	109	12,306	445	22.59	45	2,342	52.51	14,650
.....	114	116	13,396	488	23.12	46	2,484	54.00	15,870
.....	116	106	13,146	436	24.90	43	2,442	56.80	15,588
.....	119	142	23,919	573	33.64	56	4,312	77.00	28,231
.....	146	160	25,080	526	32.00	64	5,962	83.00	32,032
.....	1,364	872	45,216	304	10.53	386	8,798	23.47	54,016
.....	1,425	763	96,428	263	24.64	347	19,805	57.87	116,233
.....	1,541	911	103,415	284	22.52	404	14,435	36.79	118,350
.....	1,614	882	67,444	260	15.44	398	11,617	30.23	79,061
.....	1,086	660	30,927	292	9.54	286	5,558	20.17	36,485
.....	807	592	29,488	315	9.94	211	5,936	24.31	35,424
.....	758	603	60,705	380	20.30	246	11,920	48.51	72,625
.....	760	710	73,794	464	20.78	298	14,448	50.50	88,237
.....	556	428	49,639	369	23.22	173	8,252	47.70	57,891
.....	570	440	71,751	370	32.65	177	12,691	71.70	84,442
.....	619	440	69,300	341	31.60	179	14,678	82.00	83,978

Stage price.

No. 716.—COTTON AND COTTONSEED—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1911 TO 1947—Continued

YEARLY AVERAGE OR YEAR	COTTON					COTTONSEED			Total farm value
	Acres harvested	Bales (500 pounds gross)	Farm value	Yield per acre	Farm price per pound <sup>1</sup>	Quantity	Farm value	Farm price per ton <sup>1</sup>	
	Thousands	Thousands	1,000 dollars	Pounds	Cents	1,000 short tons	1,000 dollars	Dollars	1,000 dollars
<b>Oklahoma:</b>									
1911-1915.....	2,721	957	46,128	170	9.96	426	7,681	19.32	88,804
1916-1920.....	2,823	942	107,210	161	23.60	419	19,425	49.48	126,636
1921-1925.....	3,481	993	104,274	129	21.55	441	13,483	30.37	119,757
1926-1930.....	4,058	1,202	88,123	141	14.81	805	13,556	28.02	101,681
1931-1935.....	2,862	900	34,940	147	8.62	363	5,017	18.30	39,957
1936-1940.....	1,977	591	24,978	147	8.74	256	5,304	21.72	30,282
1941-1945.....	1,507	546	47,950	174	17.96	228	10,769	48.11	88,719
1944.....	1,480	634	69,286	205	18.71	259	13,649	52.70	72,935
1945.....	1,065	285	28,595	126	20.06	120	5,216	51.80	34,811
1946.....	1,020	262	39,389	123	30.07	109	8,840	81.10	48,229
1947.....	1,050	325	48,262	148	29.70	125	11,610	86.00	60,873
<b>South Carolina:</b>									
1911-1915.....	2,436	1,875	71,823	268	10.61	610	12,480	22.74	84,303
1916-1920.....	2,592	1,358	173,783	250	25.29	602	34,195	57.35	207,978
1921-1925.....	1,962	743	83,774	181	22.75	329	12,066	36.70	95,790
1926-1930.....	2,051	859	65,158	200	15.68	383	11,165	30.07	76,323
1931-1935.....	1,489	776	35,925	249	9.53	342	5,424	19.66	42,350
1936-1940.....	1,358	865	43,064	307	9.99	350	5,328	23.95	51,412
1941-1945.....	1,094	608	68,142	291	20.25	272	13,473	49.57	81,615
1944.....	1,060	864	90,578	391	20.97	356	15,405	51.70	106,983
1945.....	954	664	73,428	234	22.12	263	11,888	45.20	85,316
1946.....	960	607	116,851	348	34.13	281	18,827	67.00	135,678
1947.....	1,060	640	102,080	290	31.90	260	20,800	80.00	122,880
<b>Tennessee:</b>									
1911-1915.....	778	359	18,478	220	10.48	159	3,510	22.00	21,988
1916-1920.....	808	318	37,492	188	24.12	141	7,627	54.88	45,119
1921-1925.....	927	308	37,886	188	21.95	159	5,391	35.09	43,277
1926-1930.....	1,043	426	32,077	196	16.02	194	5,680	29.23	37,757
1931-1935.....	901	448	18,953	237	8.93	201	3,606	19.96	22,561
1936-1940.....	778	508	23,769	313	9.49	205	4,882	24.16	28,651
1941-1945.....	673	548	53,323	389	19.59	210	10,297	49.23	63,621
1944.....	660	562	57,978	409	20.64	211	10,909	51.70	68,887
1945.....	590	486	51,697	379	22.21	177	8,744	49.40	60,441
1946.....	620	520	83,989	402	32.33	205	15,232	74.30	99,221
1947.....	690	515	82,688	358	32.10	197	17,236	88.00	99,924
<b>Texas:</b>									
1911-1915.....	11,458	4,180	214,144	175	10.33	1,859	33,613	18.60	247,757
1916-1920.....	11,526	3,396	404,768	141	24.78	1,512	70,671	49.36	475,439
1921-1925.....	14,323	3,774	426,484	125	21.96	1,679	54,119	31.56	480,603
1926-1930.....	16,608	4,612	354,493	132	15.39	1,961	54,904	28.30	409,467
1931-1935.....	11,982	3,921	163,845	156	9.03	1,627	26,390	19.02	190,235
1936-1940.....	9,982	3,451	160,663	166	9.44	1,429	32,014	22.69	192,677
1941-1945.....	7,259	2,591	242,182	171	18.80	1,054	53,674	50.28	296,256
1944.....	6,950	2,646	261,112	183	19.74	1,068	58,847	55.10	319,959
1945.....	5,800	1,794	192,736	149	21.49	749	39,847	53.20	232,583
1946.....	6,000	1,669	268,438	134	32.16	664	50,570	72.30	319,008
1947.....	8,278	3,360	614,080	196	30.80	1,373	114,705	85.00	630,785
<b>Virginia:</b>									
1911-1915.....	43	24	1,307	272	10.81	11	256	24.46	1,563
1916-1920.....	45	25	3,040	262	24.84	11	601	55.69	3,641
1921-1925.....	76	41	4,813	250	22.88	18	704	37.94	5,517
1926-1930.....	83	47	3,469	269	15.08	20	633	31.87	4,102
1931-1935.....	63	37	1,647	281	9.21	16	306	20.51	1,953
1936-1940.....	46	26	1,231	264	9.62	10	256	24.30	1,487
1941-1945.....	31	26	2,549	401	19.85	11	523	48.45	3,071
1944.....	30	29	2,002	480	20.20	12	608	50.70	2,510
1945.....	19	16	1,778	397	22.55	7	325	47.60	2,103
1946.....	20	17	2,708	404	32.21	7	534	76.30	3,242
1947.....	24	18	2,517	360	31.30	7	688	84.00	3,205
<b>Other States:</b>									
1926-1930.....	25	10	697	183	14.91	4	120	29.16	817
1931-1935.....	24	16	646	301	8.85	7	129	19.67	775
1936-1940.....	23	19	819	383	8.96	8	172	22.95	991
1941-1945.....	18	17	1,608	451	19.80	7	316	47.68	1,923
1944.....	17	15	1,599	428	20.62	6	304	49.60	1,903
1945.....	18	9	951	268	21.13	4	169	47.90	1,120
1946.....	13	10	1,637	351	31.06	4	317	75.10	1,944
1947.....	15	11	1,712	351	31.10	4	371	84.00	2,083

<sup>1</sup> Season average price.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual reports on Farm Production, Farm Disposition, and Value of Cotton and Cottonseed.



—TOBACCO—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1936 TO 1947  
[Prices are season average prices received by farmers]

STATE	ACREAGE HARVESTED			YIELD PER ACRE		
	1936-45, average	1946	1947 <sup>1</sup>	1936-45, average	1946	1947 <sup>1</sup>
	<i>Acres</i> 1,591,860	<i>Acres</i> 1,962,200	<i>Acres</i> 1,875,300	<i>Pounds</i> 971	<i>Pounds</i> 1,182	<i>Pounds</i> 1,156
States.....						
.....	5,670	6,800	7,400	1,527	1,517	1,519
.....	16,100	18,300	19,100	1,337	1,340	1,284
.....	880	800	800	1,342	1,350	1,350
.....	31,480	37,900	39,400	1,423	1,560	1,551
.....	25,230	19,800	19,000	995	1,064	1,195
.....	10,120	10,500	10,000	997	1,296	1,295
.....	20,840	28,300	24,300	1,447	1,475	1,478
.....	540	700	600	1,170	1,250	1,200
.....	5,750	6,600	5,600	988	1,125	900
.....	310	300	300	932	1,150	950
.....	38,200	50,000	48,000	740	940	800
.....	127,950	147,900	143,400	910	1,209	1,124
.....	3,020	3,200	2,900	891	1,070	1,250
.....	630,800	811,800	809,600	961	1,142	1,131
.....	103,900	145,000	136,000	981	1,185	1,125
.....	85,180	105,800	110,900	946	1,045	1,173
.....	19,110	23,500	26,500	890	947	1,020
.....	356,560	415,200	354,500	941	1,218	1,174
.....	109,480	129,100	116,000	985	1,330	1,264
.....	<sup>2</sup> 378	400	400	<sup>2</sup> 809	720	850
.....	400	300	600	442	500	415

STATE	PRODUCTION			PRICE FOR CROP OF—		FARM VALUE	
	1936-45, average	1946	1947 <sup>1</sup>	1946	1947 <sup>1</sup>	1946	1947 <sup>1</sup>
	<i>1,000 pounds</i> 1,548,389	<i>1,000 pounds</i> 2,319,409	<i>1,000 pounds</i> 2,167,702	<i>Cents per lb.</i> 45.0	<i>Cents per lb.</i> 43.4	<i>1,000 dol.</i> 1,044,622	<i>1,000 dol.</i> 941,746
States.....							
.....	8,640	10,314	11,240	97.1	109.0	10,018	12,281
.....	21,488	24,530	24,516	121.0	117.0	29,789	28,638
.....	1,187	1,060	1,080	39.0	33.0	421	355
.....	44,826	59,124	61,100	32.6	-----	19,295	<sup>2</sup> 19,940
.....	24,934	21,060	22,710	36.4	38.7	7,671	8,790
.....	10,155	13,610	12,950	36.0	42.7	4,903	5,530
.....	30,158	41,735	35,930	40.5	-----	16,897	<sup>2</sup> 14,866
.....	638	875	720	30.0	-----	262	<sup>2</sup> 216
.....	5,746	7,425	5,040	37.5	42.0	2,784	2,117
.....	288	345	285	37.0	42.0	128	120
.....	28,499	47,000	38,400	44.3	-----	20,821	<sup>2</sup> 17,011
.....	115,744	178,821	161,112	42.2	39.0	75,533	62,873
.....	2,684	3,424	3,625	39.3	41.0	1,346	1,496
.....	607,802	927,425	915,460	49.3	42.2	457,638	386,285
.....	102,534	171,825	153,000	48.7	41.8	83,679	63,954
.....	80,436	110,537	130,132	43.8	39.3	48,466	51,137
.....	16,780	22,251	27,036	70.7	66.8	15,739	18,054
.....	337,468	505,885	416,167	37.3	45.1	188,581	187,581
.....	107,937	171,705	146,610	35.2	40.9	60,411	59,933
.....	<sup>2</sup> 300	288	340	41.5	37.0	120	126
.....	174	150	249	80.0	-----	120	<sup>2</sup> 199

<sup>1</sup>.  
average.  
1947 crop. Evaluated at 1946 season average price.

Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Principal Crops and Season Average Prices and Value of Production.

## No. 716.—COTTON AND COTTONSEED—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1911 TO 1947—Continued

YEARLY AVERAGE OR YEAR	COTTON					COTTONSEED			Total farm value
	Acres harvested	Bales (500 pounds gross)	Farm value	Yield per acre	Farm price per pound <sup>1</sup>	Quantity	Farm value	Farm price per ton <sup>1</sup>	
	Thousands	Thousands	1,000 dollars	Pounds	Cents	1,000 short tons	1,000 dollars	Dollars	1,000 dollars
<b>Oklahoma:</b>									
1911-1915.....	2,721	957	46,123	170	9.98	435	7,681	19.32	53,804
1916-1920.....	2,823	942	107,210	161	23.60	419	19,425	49.48	136,635
1921-1925.....	3,481	993	106,274	129	21.56	441	13,483	30.27	119,757
1926-1930.....	4,052	1,202	88,123	141	14.81	505	13,558	28.02	101,681
1931-1935.....	2,862	900	34,940	147	8.62	363	5,017	18.20	39,957
1936-1940.....	1,977	591	24,978	147	8.74	266	5,304	21.72	30,282
1941-1945.....	1,502	546	47,950	174	17.98	228	10,769	48.11	58,719
1944.....	1,480	634	59,296	205	18.71	259	12,649	52.70	72,935
1945.....	1,085	285	28,595	126	20.06	120	6,216	51.80	34,811
1946.....	1,020	262	39,339	123	30.07	109	8,840	81.10	48,229
1947.....	1,060	325	45,262	148	29.70	135	11,610	86.00	56,872
<b>South Carolina:</b>									
1911-1915.....	2,436	1,375	71,523	268	10.61	610	13,480	22.74	85,003
1916-1920.....	2,592	1,358	173,783	250	25.29	602	34,195	57.35	207,978
1921-1925.....	1,962	743	83,724	181	22.75	329	12,086	36.70	95,790
1926-1930.....	2,051	859	65,158	200	15.08	383	11,165	30.07	76,323
1931-1935.....	1,489	776	35,925	249	9.53	342	6,434	19.66	42,359
1936-1940.....	1,358	865	43,084	307	9.99	350	5,328	23.93	51,412
1941-1945.....	1,094	666	68,142	391	20.25	272	13,473	49.57	81,615
1944.....	1,090	864	90,576	391	20.97	356	18,406	51.70	108,983
1945.....	954	664	73,428	334	22.12	263	11,886	45.20	85,316
1946.....	900	697	118,661	348	34.13	281	18,627	67.00	137,288
1947.....	1,060	640	102,080	290	31.90	260	20,800	80.00	122,880
<b>Tennessee:</b>									
1911-1915.....	776	359	18,476	220	10.48	169	3,510	22.60	21,985
1916-1920.....	808	318	37,492	188	24.12	141	7,627	54.86	45,119
1921-1925.....	927	368	37,886	188	21.96	159	5,391	35.09	43,277
1926-1930.....	1,043	426	32,077	196	15.02	194	5,680	29.28	37,757
1931-1935.....	901	443	18,985	237	8.93	201	3,606	19.96	22,591
1936-1940.....	778	508	23,766	313	9.49	208	4,882	24.18	28,648
1941-1945.....	673	343	53,333	399	19.69	210	10,287	49.23	63,621
1944.....	660	562	57,978	409	20.64	211	10,909	51.70	68,887
1945.....	590	466	51,697	379	22.21	177	8,744	49.40	60,441
1946.....	620	520	63,989	402	32.33	205	15,232	74.30	79,221
1947.....	690	515	62,658	398	32.10	197	17,336	88.00	80,094
<b>Texas:</b>									
1911-1915.....	11,458	4,180	214,144	175	10.33	1,859	33,513	18.60	247,757
1916-1920.....	11,526	3,358	404,768	141	24.78	1,512	70,871	49.35	475,639
1921-1925.....	14,325	3,774	426,464	126	21.96	1,679	54,119	31.58	480,603
1926-1930.....	16,668	4,612	354,493	132	15.39	1,961	54,994	28.30	409,487
1931-1935.....	11,982	3,921	163,846	155	9.03	1,827	26,390	19.02	190,235
1936-1940.....	9,982	3,451	160,663	166	9.44	1,429	32,014	22.69	192,677
1941-1945.....	7,258	2,591	242,182	171	18.90	1,054	53,074	50.28	295,256
1944.....	8,950	2,646	261,112	183	19.74	1,069	68,847	55.10	319,959
1945.....	8,800	1,794	192,736	149	21.49	749	39,847	53.20	232,583
1946.....	8,000	1,666	268,438	134	32.16	694	50,870	73.30	319,308
1947.....	8,273	3,380	514,080	195	30.60	1,373	116,705	85.00	630,785
<b>Virginia:</b>									
1911-1915.....	43	24	1,307	272	10.61	11	256	24.46	1,563
1916-1920.....	45	25	3,040	262	24.84	11	601	55.09	3,641
1921-1925.....	76	41	4,813	259	22.58	18	704	37.94	5,517
1926-1930.....	83	47	3,469	269	15.08	20	633	31.67	4,102
1931-1935.....	63	37	1,647	281	9.21	16	306	20.61	1,953
1936-1940.....	45	25	1,281	264	9.62	10	256	24.30	1,487
1941-1945.....	31	26	2,549	401	19.36	11	522	48.45	2,071
1944.....	30	29	2,002	460	20.20	12	606	50.70	2,510
1945.....	19	16	1,773	397	22.55	7	335	47.80	2,108
1946.....	20	17	2,706	404	32.21	7	534	76.30	3,240
1947.....	24	18	2,817	300	31.30	7	588	84.00	3,405
<b>Other States:</b>									
1926-1930.....	25	10	697	183	14.91	4	120	29.16	817
1931-1935.....	24	15	646	301	8.86	7	129	19.67	775
1936-1940.....	23	19	819	383	8.98	8	172	22.95	991
1941-1945.....	18	17	1,608	451	19.50	7	816	47.69	1,929
1944.....	17	15	1,566	428	20.62	6	304	49.60	1,879
1945.....	16	9	951	288	21.13	4	169	47.90	1,120
1946.....	13	10	1,027	381	31.08	4	317	76.10	1,344
1947.....	16	11	1,712	351	31.10	4	371	84.00	2,083

<sup>1</sup> Season average price.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual reports on Farm Production, Farm Disposition, and Value of Cotton and Cottonseed.

No. 717.—TOBACCO—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1936 TO 1947

[Prices are season average prices received by farmers]

STATE	ACREAGE HARVESTED			YIELD PER ACRE		
	1936-45, average	1946	1947 <sup>1</sup>	1936-45, average	1946	1947 <sup>1</sup>
	<i>Acres</i> 1, 591, 860	<i>Acres</i> 1, 962, 200	<i>Acres</i> 1, 875, 300	<i>Pounds</i> 971	<i>Pounds</i> 1, 182	<i>Pounds</i> 1, 156
United States.....						
Massachusetts.....	5, 670	6, 800	7, 400	1, 527	1, 517	1, 519
Connecticut.....	16, 100	18, 300	19, 100	1, 337	1, 340	1, 284
New York.....	880	800	800	1, 342	1, 350	1, 350
Pennsylvania.....	31, 480	37, 900	39, 400	1, 423	1, 560	1, 551
Ohio.....	25, 230	19, 800	19, 000	995	1, 064	1, 195
Indiana.....	10, 120	10, 500	10, 000	997	1, 296	1, 295
Wisconsin.....	20, 840	28, 300	24, 300	1, 447	1, 475	1, 478
Minnesota.....	540	700	600	1, 170	1, 250	1, 200
Missouri.....	5, 750	6, 600	5, 600	988	1, 125	900
Kansas.....	310	300	300	932	1, 150	950
Maryland.....	38, 200	50, 000	48, 000	740	940	800
Virginia.....	127, 950	147, 900	143, 400	910	1, 209	1, 124
West Virginia.....	3, 020	3, 200	2, 900	891	1, 070	1, 250
North Carolina.....	630, 800	811, 800	809, 600	961	1, 142	1, 131
South Carolina.....	103, 900	145, 000	136, 000	981	1, 185	1, 125
Georgia.....	85, 180	105, 800	110, 900	946	1, 045	1, 173
Florida.....	19, 110	23, 500	26, 500	890	947	1, 020
Kentucky.....	356, 560	415, 200	354, 500	941	1, 218	1, 174
Tennessee.....	109, 480	129, 100	116, 000	985	1, 330	1, 264
Alabama.....	<sup>2</sup> 378	400	400	<sup>2</sup> 809	720	850
Louisiana.....	400	300	600	442	500	415

STATE	PRODUCTION			PRICE FOR CROP OF—		FARM VALUE	
	1936-45, average	1946	1947 <sup>1</sup>	1946	1947 <sup>1</sup>	1946	1947 <sup>1</sup>
	<i>1,000 pounds</i> 1, 548, 389	<i>1,000 pounds</i> 2, 319, 409	<i>1,000 pounds</i> 2, 167, 702	<i>Cents per lb.</i> 45. 0	<i>Cents per lb.</i> 43. 4	<i>1,000 dol.</i> 1, 044, 622	<i>1,000 dol.</i> 941, 746
United States.....							
Massachusetts.....	8, 640	10, 314	11, 240	97. 1	109. 0	10, 018	12, 281
Connecticut.....	21, 488	24, 530	24, 516	121. 0	117. 0	29, 789	28, 638
New York.....	1, 187	1, 080	1, 080	39. 0	33. 0	421	356
Pennsylvania.....	44, 826	59, 124	61, 100	32. 6	-----	19, 295	<sup>2</sup> 19, 940
Ohio.....	24, 934	21, 060	22, 710	36. 4	38. 7	7, 671	8, 790
Indiana.....	10, 155	13, 610	12, 950	36. 0	42. 7	4, 903	5, 530
Wisconsin.....	30, 158	41, 735	35, 930	40. 5	-----	16, 897	<sup>2</sup> 14, 866
Minnesota.....	638	875	720	30. 0	-----	262	<sup>2</sup> 216
Missouri.....	5, 746	7, 425	5, 040	37. 5	42. 0	2, 784	2, 117
Kansas.....	288	345	285	37. 0	42. 0	128	120
Maryland.....	28, 499	47, 000	38, 400	44. 3	-----	20, 821	<sup>2</sup> 17, 011
Virginia.....	115, 744	178, 821	161, 112	42. 2	39. 0	75, 533	62, 873
West Virginia.....	2, 684	3, 424	3, 625	39. 3	41. 0	1, 346	1, 496
North Carolina.....	607, 802	927, 425	915, 460	49. 3	42. 2	457, 638	386, 285
South Carolina.....	102, 534	171, 825	153, 000	48. 7	41. 8	83, 679	63, 954
Georgia.....	80, 436	110, 537	130, 132	43. 8	39. 3	48, 466	51, 137
Florida.....	16, 780	22, 251	27, 036	70. 7	66. 8	15, 739	18, 054
Kentucky.....	337, 468	505, 885	416, 167	37. 3	45. 1	188, 581	187, 581
Tennessee.....	107, 937	171, 705	146, 610	35. 2	40. 9	60, 411	59, 933
Alabama.....	<sup>2</sup> 300	288	340	41. 5	37. 0	120	126
Louisiana.....	174	150	249	80. 0	-----	120	<sup>2</sup> 199

<sup>1</sup> Preliminary.

<sup>2</sup> Short-time average.

<sup>3</sup> No sales of 1947 crop. Evaluated at 1946 season average price.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.

## No. 718.—ALL HAY—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1936 TO 1947

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>2</sup> FOR CROP OF—		FARM VALUE	
	1936-45, AVE.	1946	1947 <sup>1</sup>	1936-45, AVE.	1946	1947 <sup>1</sup>	1936-45, AVE.	1946	1947 <sup>1</sup>	1946	1947 <sup>1</sup>	1946	1947 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons <sup>3</sup>	Tons <sup>3</sup>	Tons <sup>3</sup>	1,000 tons <sup>3</sup>	1,000 tons <sup>3</sup>	1,000 tons <sup>3</sup>	Dols. per ton	Dols. per ton	1,000 dol.	1,000 dol.
U. S.	72,373	74,173	75,291	1.36	1.36	1.36	94,490	100,739	102,500	16.70	17.30	1,678,506	1,776,272
N. E.:													
Maine.....	907	873	880	.93	.97	1.06	840	844	980	17.50	19.00	14,770	18,030
N. H.....	366	377	376	1.12	1.18	1.26	410	443	473	18.90	20.50	8,373	9,696
Vt.....	962	1,047	1,052	1.30	1.43	1.51	1,254	1,499	1,590	18.10	20.00	27,132	31,800
Mass.....	368	381	372	1.47	1.71	1.82	541	650	602	22.80	23.50	14,820	14,147
R. I.....	36	37	36	1.32	1.43	1.66	48	53	57	23.00	23.00	1,219	1,311
Conn.....	294	296	296	1.44	1.62	1.68	424	480	490	22.70	22.50	10,896	11,166
M. A.:													
N. Y.....	3,904	3,991	3,907	1.39	1.62	1.61	5,508	6,446	6,300	13.30	15.50	85,732	97,656
N. J.....	254	261	253	1.56	1.66	1.70	390	434	430	20.50	22.50	8,897	9,675
Pa.....	2,414	2,539	2,437	1.37	1.50	1.50	3,302	3,804	3,661	16.20	17.50	61,625	63,993
E. N. C.:													
Ohio.....	2,530	2,536	2,570	1.41	1.54	1.40	3,534	3,895	3,602	15.00	17.50	58,425	63,035
Ind.....	1,951	1,807	1,674	1.32	1.37	1.36	2,578	2,480	2,284	16.80	18.00	41,664	41,112
Ill.....	2,866	2,688	2,596	1.35	1.47	1.47	3,831	3,949	3,810	15.90	18.00	62,789	68,586
Mich.....	2,699	2,796	2,830	1.38	1.24	1.32	3,718	3,464	3,730	17.30	19.00	59,927	70,870
Wis.....	4,009	4,106	4,134	1.66	1.51	1.67	6,672	6,220	6,918	18.00	19.00	111,960	127,963
W. N. C.:													
Minn.....	4,484	4,032	4,009	1.43	1.46	1.42	6,419	5,897	5,687	11.30	13.50	66,636	76,774
Iowa.....	3,514	3,244	3,317	1.54	1.63	1.55	5,411	5,273	5,154	12.10	13.50	63,903	69,579
Mo.....	3,276	3,545	3,804	1.06	1.19	1.15	3,586	4,214	4,392	14.70	16.00	61,946	70,272
N. Dak.....	3,002	3,098	3,281	.92	.89	.96	2,773	3,727	3,140	8.90	10.50	24,270	32,970
S. Dak.....	2,898	3,479	3,687	.79	.90	.86	2,335	2,775	3,166	12.80	12.00	35,520	37,992
Nebr.....	3,791	3,827	4,017	.91	.98	1.13	3,478	3,732	4,549	12.00	13.00	44,784	59,137
Kans.....	1,536	1,721	2,027	1.39	1.35	1.54	2,161	2,327	3,116	14.80	15.00	34,440	46,740
S. A.:													
Del.....	72	72	69	1.28	1.38	1.36	92	99	94	19.00	21.00	1,841	1,974
Md.....	423	448	449	1.27	1.41	1.36	537	631	611	19.00	21.00	11,989	12,831
Va.....	1,263	1,405	1,351	1.08	1.24	1.06	1,378	1,744	1,438	20.50	23.50	33,782	33,798
W. Va.....	753	812	810	1.14	1.30	1.16	864	1,059	940	19.50	21.50	20,650	20,210
N. O.....	1,178	1,263	1,225	.96	1.02	.99	1,130	1,283	1,207	25.40	29.00	32,589	35,002
S. C.....	596	501	490	.74	.90	.78	441	449	382	27.20	29.00	12,213	11,078
Ga.....	1,812	1,402	1,373	.58	.52	.51	714	728	696	20.30	21.00	14,778	14,616
Fla.....	114	120	123	.55	.48	.51	63	57	63	18.20	19.00	1,037	1,200
E. S. C.:													
Ky.....	1,591	1,827	1,865	1.19	1.41	1.44	1,937	2,583	2,673	18.30	19.00	47,260	50,892
Tenn.....	1,897	1,844	1,855	1.09	1.31	1.24	2,076	2,417	2,297	21.10	24.00	50,099	55,128
Ala.....	1,031	1,007	927	.74	.78	.74	762	781	687	22.90	24.00	17,585	18,463
Miss.....	898	854	806	1.19	1.38	1.22	1,064	1,182	980	23.70	24.00	25,013	23,520
W. S. C.:													
Ark.....	1,301	1,351	1,370	1.08	1.20	1.01	1,413	1,823	1,382	17.00	20.00	29,652	27,640
La.....	321	336	327	1.22	1.28	1.17	390	429	381	17.40	19.50	7,465	7,430
Okla.....	1,185	1,322	1,545	1.16	1.13	1.18	1,366	1,490	1,619	15.10	14.50	22,499	26,276
Tex.....	1,403	1,489	1,681	.96	.98	.86	1,348	1,454	1,436	17.60	17.50	25,560	25,130
Mt.:													
Mont.....	1,939	2,260	2,397	1.18	1.14	1.16	2,299	2,569	2,773	17.50	18.00	44,958	49,914
Idaho.....	1,159	1,151	1,089	2.07	2.11	2.30	2,399	2,430	2,394	17.10	16.50	41,583	39,501
Wyo.....	1,055	1,097	1,115	1.14	1.13	1.19	1,202	1,243	1,325	15.50	16.00	19,266	23,800
Colo.....	1,410	1,393	1,405	1.50	1.47	1.65	2,115	2,044	2,324	18.80	17.50	38,427	40,670
N. Mex.....	263	224	229	2.02	2.29	2.23	410	514	510	24.90	23.00	12,799	11,730
Ariz.....	253	310	273	2.24	2.39	2.19	568	740	596	21.60	17.70	15,964	10,595
Utah.....	577	575	559	1.99	1.94	2.10	1,149	1,118	1,172	21.40	19.50	23,925	22,854
Nev.....	400	436	430	1.44	1.53	1.55	577	666	666	20.70	17.50	13,786	11,655
Pac.:													
Wash.....	937	876	824	1.90	2.04	1.96	1,780	1,787	1,617	18.80	18.50	33,566	29,914
Oreg.....	1,108	1,088	1,089	1.73	1.74	1.69	1,914	1,896	1,835	18.70	19.50	35,455	36,762
Calif.....	1,875	2,069	2,080	2.77	2.96	2.96	5,202	6,117	6,098	22.80	18.70	132,468	114,082

<sup>1</sup> Preliminary.<sup>2</sup> Dec. 1 price.<sup>3</sup> Tons of 2,000 pounds.

Source. Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.

# No. 719.—TRUCK CROPS, COMMERCIAL—ACREAGE, PRODUCTION, AND VALUE, BY KIND, 1936 TO 1947, AND LEADING STATES, 1947

Includes only States with crop of commercial importance, for fresh market and processing combined. Approximate weights of units of measurements are as follows: Number pounds to crate—aspargus, 30; cantaloupes, 70; cauliflower, 37; celery, 45 (1/4-size crates); honeydew melons, 35; strawberries, 36 (3/4-quart crates). Number pounds to bushel—carrots, 50; cucumbers, 48; eggplant, 33; escarole, 25; kale, 18; peppers, 25; potatoes, 50. Number pounds to box of artichokes, 40. Lettuce is in western crates (mostly 4 to 8 dozen heads), 70 pounds; onions, 50-pound sacks, and garlic, 100-pound sacks. Totals are of 2,000 pounds. Values based on average seasonal prices received by growers

CROP	ACREAGE			PRODUCTION (1,000 UNITS)				VALUE (1,000 DOLLARS)	
	1936-45, average	1946	1947	1947 leading States	1947	1946	1945-46, average	1946	1947
Artichokes.....	9, 110	7, 000	7, 250	Calif., N. J.	761	700	1, 840	2, 025	2, 283
Asparagus.....	131, 670	123, 940	123, 430	Calif., N. J.	11, 265	12, 090	21, 903	37, 296	31, 336
Beans, lima.....	73, 210	54, 580	81, 910	N. J., Calif.	1, 608	1, 570	5, 089	10, 358	10, 416
Beans, snap.....	272, 520	305, 790	277, 160	Fla., N. Y.	1, 421	1, 490	30, 900	66, 438	49, 504
Beets.....	36, 000	28, 640	20, 870	Tex., Wls.	1, 134	1, 199	3, 906	4, 338	3, 018
Cabbage.....	187, 950	201, 890	172, 690	Tex., N. Y.	1, 220	1, 835	26, 173	42, 694	47, 080
Cantaloupes.....	102, 300	131, 830	130, 200	Calif., Ariz.	12, 533	13, 528	18, 819	42, 608	40, 523
Carrots.....	63, 170	80, 820	71, 120	Calif., Tex.	23, 791	26, 489	20, 364	34, 845	40, 874
Cauliflower.....	30, 740	42, 210	39, 640	Calif., N. Y.	11, 386	12, 741	9, 161	18, 390	17, 360
Celery.....	40, 370	48, 250	42, 600	Calif., Fla.	20, 094	23, 329	32, 030	42, 971	55, 864
Corn, sweet <sup>1</sup> .....	466, 460	564, 710	553, 200	Wls., Minn.	1, 156	1, 353	17, 144	34, 284	28, 932
Cucumbers.....	136, 610	193, 800	184, 420	Mich., Wls.	116, 374	117, 492	12, 288	31, 229	26, 517
Eggplant.....	4, 600	6, 800	5, 550	Fla., N. J.	1, 091	1, 804	1, 199	2, 481	2, 030
Escarole.....	1, 360	2, 500	2, 700	Fla.	948	1, 385	516	875	1, 293
Garlic.....	3, 960	4, 130	4, 180	Calif., La.	189	204	1, 270	2, 788	1, 823
Honeydew melons.....	2, 640	2, 000	640	Calif., Ariz.	70	193	648	748	267
Honeydew melons.....	12, 570	21, 740	15, 970	Calif., Ariz.	3, 340	4, 591	2, 715	8, 091	6, 741
Kale.....	1, 670	1, 700	1, 800	Va.	702	556	287	473	471
Lettuce.....	156, 420	206, 030	168, 300	Calif., Ariz.	134, 264	133, 801	49, 320	85, 686	108, 267
Mint <sup>2</sup> .....	42, 480	55, 800	61, 700	Ind., Mich.	2, 084	1, 541	4, 649	10, 308	13, 808
Onions.....	135, 640	162, 640	120, 130	Tex., N. Y.	36, 788	50, 878	32, 221	42, 955	53, 182
Peas, green.....	454, 690	555, 610	472, 200	Wls., Wash.	453	1, 552	32, 572	55, 691	47, 639
Peppers, green.....	23, 160	32, 900	30, 550	Fla., N. J.	1, 595	1, 572	6, 378	12, 938	13, 664
Pimientos.....	13, 570	13, 770	16, 690	Calif.	18	23	601	1, 392	1, 101
Potatoes <sup>3</sup> .....	336, 600	384, 540	306, 700	Calif., N. J.	66, 189	85, 803	54, 383	110, 115	102, 140
Shallots.....	5, 000	6, 400	4, 700	La.	443	688	583	1, 269	882
Spinach.....	100, 920	103, 470	85, 970	Tex., Calif.	1, 166	1, 212	10, 856	14, 632	13, 049
Strawberries.....	137, 090	91, 810	116, 110	La., Oreg., Ark.	1, 827	7, 004	33, 069	68, 453	60, 313
Tomatoes.....	699, 020	864, 780	743, 040	Calif., Ind.	3, 976	14, 390	97, 732	200, 580	179, 012
Watermelons.....	239, 510	316, 020	291, 370	Tex., Ga.	181, 512	180, 826	13, 763	20, 958	24, 303

<sup>1</sup> Includes some quantities not marketed and excluded in computing value.

<sup>2</sup> Shelled basis 2 pounds of lima beans produce approximately 1 pound shelled beans; 2 1/4 pounds of green peas, 1 pound of shelled peas.

<sup>3</sup> Mainly for canning, but includes also market crop in New Jersey, New York, and Pennsylvania.

<sup>4</sup> Peppermint and spearmint.

<sup>5</sup> Pounds of oil.

<sup>6</sup> Commercial early Irish.

Sources: Department of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics. Published in part in Crops and Markets.

### No. 720.—CHERRIES, PLUMS, PRUNES, AND CITRUS FRUITS—PRODUCTION AND FARM PRICE: 1936 TO 1947

CROP	Unit	PRODUCTION (THOUSANDS)				SEASON AVERAGE PRICE (PER UNIT) RECEIVED BY GROWERS <sup>1</sup>			
		1936-45, avg.	1945	1946	1947 <sup>2</sup>	1944	1945	1946	1947 <sup>2</sup>
Cherries (12 States) <sup>3</sup>	Ton	159	148	230	181	\$212	\$209	\$291	\$226
Plums (2 States) <sup>3</sup>	do	76	73	106	77	118	138	135	151
Prunes (fresh basis) (3 States) <sup>3</sup>	do	131	146	153	93	108	102	113	90
Oranges and tangerines (5 States) <sup>3,4</sup>	Box <sup>5</sup>	66,678	104,350	118,690	112,560	2.47	2.92	1.68	1.15
Grapefruit (4 States) <sup>3</sup>	do <sup>6</sup>	44,593	63,450	59,520	62,270	1.49	1.37	.86	.81
Lemons (California) <sup>3</sup>	do <sup>7</sup>	12,186	14,450	13,760	14,100	2.74	1.93	2.69	2.40

<sup>1</sup> Season average prices, except citrus fruit prices, which are equivalent packing-house-door returns for all methods of sale.

<sup>2</sup> Preliminary.

<sup>3</sup> In some years, production includes some quantities not harvested on account of economic conditions or scarcity of harvest labor or donated to charity.

<sup>4</sup> Prior to 1939, data are for 7 States. See also table 707, p. 654.

<sup>5</sup> Net content of box varies. In California and Arizona approximate average is 77 pounds; in Florida and other States, 90 pounds.

<sup>6</sup> In California and Arizona approximate average is 65 pounds net; in Florida and other States, 80 pounds net.

<sup>7</sup> About 79 pounds net.

### No. 721.—APPLES, PEACHES, Pears, AND GRAPES—PRODUCTION, BY STATES

STATE	APPLES (1,000 BU.) <sup>1</sup>			PEACHES (1,000 BU.) <sup>2</sup>			PEARS (1,000 BU.) <sup>3</sup>			GRAPES (TONS) <sup>4</sup>		
	1936-1945, avg.	1946	1947 <sup>5</sup>	1936-1945, avg.	1946	1947 <sup>5</sup>	1936-1945, avg.	1946	1947 <sup>5</sup>	1936-1945, avg.	1946	1947 <sup>5</sup>
U. S.	112,896	119,418	112,563	62,935	66,643	62,961	29,510	34,447	35,350	2,878,920	3,119,500	3,093,200
Maine	643	767	930				7	7	9			
N. H.	730	456	838	15	5	22	8	8	13			
Vt.	601	424	799				3	1	5			
Mass.	2,495	2,000	2,864	55	70	88	52	44	73	335	300	350
R. I.	238	129	187	17	15	13	6	6	6	175		100
Conn.	1,314	1,111	1,273	130	154	151	68	42	48	600	600	480
N. Y.	14,700	15,116	15,045	1,332	1,662	1,440	975	698	960	53,350	64,800	60,000
N. J.	2,887	2,970	1,935	1,276	1,776	1,617	46	23	20	2,270	2,400	1,900
Pa.	7,853	8,568	6,612	1,809	2,226	1,920	430	345	302	15,820	19,800	17,500
Ohio	4,379	2,350	3,038	836	553	1,020	366	135	229	18,360	12,800	15,400
Ind.	1,399	1,174	1,489	334	619	725	198	142	154	2,610	1,900	2,400
Ill.	2,908	3,573	4,187	1,367	1,529	2,363	427	270	402	3,810	2,300	2,200
Mich.	7,132	7,560	8,600	2,998	5,100	4,526	175	696	664	34,180	31,000	45,000
Iowa	201	124	108	68	76	17	91	81	76	3,020	2,700	2,600
Mo.	1,263	1,230	1,630	575	1,096	1,288	260	148	216	5,800	3,100	3,800
Nehr.	233	68	88	15	27	4	21	27	27	1,370	600	700
Kans.	638	614	756	62	154	12	100	90	99	2,290	1,600	1,900
Del.	897	682	396	406	408	171	6	3	4	1,156	800	600
Md.	1,727	1,872	1,072	505	646	425	56	25	61	835	800	200
Va.	10,196	12,975	5,010	1,282	2,640	1,800	828	352	280	1,810	2,200	1,800
W. Va.	4,125	5,075	2,820	466	583	388	90	104	46	1,235	1,800	900
N. C.	1,011	1,248	768	1,971	3,100	2,905	296	299	298	5,490	5,100	5,600
S. C.				2,695	5,994	6,630	132	126	127	1,210	1,100	1,100
Ga.				5,033	5,628	5,910	360	396	385	1,630	2,200	2,600
Fla.				87	96	64	153	207	194	515	350	350
Ky.	274	378	276	663	672	783	188	115	134	1,650	1,700	1,600
Tenn.	337	378	396	1,036	540	1,209	230	120	183	2,250	2,100	2,400
Ala.				1,435	1,260	1,525	306	343	288	1,440	1,700	1,800
Miss.				878	868	854	354	347	350			
Ark.	616	677	766	2,040	2,479	2,220	166	195	204	8,170	10,800	11,600
Okla.				466	598	464	141	157	209	2,210	1,700	1,600
Tex.				1,628	1,656	1,096	389	407	402	1,890	1,400	1,300
Idaho	2,447	1,233	2,276	254	285	357	60	64	70	460	400	400
Colo.	1,598	1,100	1,568	1,752	1,965	2,106	192	87	232	510	180	600
N. Mex.	710	955	620	150	360	94	45	48	31	1,190	1,300	1,400
Ariz.				58	98	30	10	9	3	950	1,000	1,200
Utah	470	364	505	626	700	933	151	115	205	880	800	1,200
Wash.	26,955	32,710	33,480	1,997	2,700	2,817	5,780	8,890	8,305	11,810	19,400	21,400
Oreg.	2,988	2,970	2,864	505	729	804	4,074	5,120	5,724	1,920	1,600	1,500
Calif.	7,814	7,648	10,010	25,877	37,086	33,419	10,751	12,918	14,251	2,385,000	2,918,000	2,876,000
Other States	1,117	1,111	1,309	303	298	274	187	241	211	480	600	

<sup>1</sup> Estimates of commercial crop production in commercial apple areas of each State; includes fruit produced for sale to commercial processors, as well as for sale for fresh consumption.

<sup>2</sup> See note 3, table 720.

<sup>3</sup> Preliminary.

Source of tables 720 and 721: Dept. of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.



**No. 722.—APPLES, PEACHES, AND PEARS—PRODUCTION: 1891 TO 1947**

(In thousands of bushels. Approximate weight of a bushel of apples is 45 pounds; peaches, 48; pears, 50)

YEARLY AVERAGE OR YEAR	Apples <sup>1</sup>	Peaches	Pears	YEAR	Apples <sup>1</sup>	Peaches <sup>2</sup>	Pears <sup>3</sup>
1891-1895	157,633			1938	105,858	53,922	31,704
1896-1900	179,143			1939	139,379	64,232	39,379
1901-1905	182,672			1940	111,574	57,774	29,771
1906-1910	154,454	<sup>4</sup> 39,503	<sup>4</sup> 10,110	1941	122,742	74,905	29,530
1911-1915	215,572	47,308	12,323	1942	128,373	66,365	30,717
1916-1920	175,520	44,166	14,377	1943	89,080	41,931	24,888
1921-1925	<sup>4</sup> 156,772	47,314	17,655	1944	124,754	75,963	31,956
1926-1930	<sup>4</sup> 162,980	<sup>4</sup> 55,908	<sup>4</sup> 23,227	1945	66,798	81,548	33,642
1931-1935 <sup>4</sup>	123,385	<sup>4</sup> 54,427	<sup>4</sup> 25,568	1946	119,410	86,643	34,447
1936-1940	<sup>4</sup> 121,649	<sup>4</sup> 56,945	<sup>4</sup> 29,458	1947	112,503	82,981	35,380

<sup>1</sup> Beginning 1934, estimates refer to production of apples in commercial apple areas of each State and include fruit produced for sale to commercial processors, as well as that for sale for fresh consumption.<sup>2</sup> Average for 1906 and 1910.<sup>3</sup> Includes some quantities not harvested on account of economic conditions or scarcity of harvest labor.<sup>4</sup> Average for apples is for 1934 and 1935.**No. 723.—APPLES, PEACHES, PEARS, AND GRAPES—SEASON AVERAGE PRICES RECEIVED BY FARMERS, BY STATES: 1944 TO 1947**

(Prices of apples, peaches, and pears in dollars per bushel; prices of grapes in dollars per ton)

STATE	APPLES, COMMERCIAL CROP <sup>1</sup>				PEACHES <sup>2</sup>				PEARS <sup>2</sup>				GRAPES <sup>3</sup>			
	1944	1945	1946	1947	1944	1945	1946	1947	1944	1945	1946	1947	1944	1945	1946	1947
United States	2.16	2.96	2.46	2.24	2.35	2.22	2.13	1.67	2.17	2.16	2.44	2.08	79	68	94	48
Maine	2.01	4.35	3.20	3.00					2.70	4.20	3.80	3.10				
N. H.	2.02	4.31	3.25	2.56	3.70	4.90	3.80	3.25	2.20		3.80	2.60				
Vt.	2.27	4.31	3.15	2.80					2.65		3.80	3.80				
Mass.	2.09	4.02	3.15	2.45	3.35	4.90	3.80	3.05	2.30	4.00	3.65	2.80	140	160	140	140
R. I.	2.06	4.07	3.15	2.75	3.50	4.50	3.45	2.90	2.80	4.20	3.65	3.10	140	160		140
Conn.	2.43	4.31	3.20	2.85	3.75	4.35	3.45	2.90	3.30	4.80	3.60	3.30	140	180	140	140
N. Y.	2.20	3.85	2.35	2.15	2.60	3.20	2.10	2.00	2.35	3.40	2.70	2.00	98	143	163	119
N. J.	2.51	5.58	2.80	2.45	2.70	2.75	2.30	1.75	1.55	1.70	1.80	1.50	104	128	114	102
Pa.	2.17	5.77	2.50	2.25	3.00	3.25	2.65	2.40	1.70	2.50	2.25	2.15	100	140	145	110
Ohio	2.20	3.64	2.80	2.40	2.70	3.20	2.70	2.30	1.65	2.20	2.40	2.10	85	125	150	95
Ind.	2.64	3.09	2.80	2.40	2.90	2.75	2.75	2.10	1.15	1.20	1.40	1.25	82	120	160	75
Ill.	2.90	2.95	2.70	2.25	3.05	2.65	2.60	1.80	1.35	1.25	1.40	1.25	90	110	100	75
Mich.	2.14	3.38	2.10	2.10	2.40	2.00	2.00	1.90	1.90	2.60	2.35	2.45	99	138	137	88
Wis.	2.54	3.60	2.00	2.25									150	180	160	120
Minn.	2.22	3.36	2.70	2.25												
Iowa	2.78	3.91	2.60	2.60	2.50	1.85	1.80	2.35	2.10	1.60	1.50	1.35	100	100	95	95
Mo.	2.85	3.10	2.65	2.20	3.50	2.95	2.75		1.95	1.60	1.75	1.50	82	86	84	74
Nebr.	2.75	3.19	2.90	2.35	3.50	2.10	2.60	2.20	2.70	1.95	2.40	2.25	138	100	70	90
Kans.	2.87	3.08	2.85	2.30	3.50	2.80	2.40	2.80	2.00	1.60	1.45	1.30	100	78	92	88
Del.	2.21	2.97	2.05	2.30	1.80	3.10	2.80	2.40	1.35	1.50	1.60	1.45	100	120	100	100
Md.	2.13	3.02	2.10	2.30	2.30	3.50	3.30	2.45	1.30	1.65	1.60	1.45	110	130	100	100
Va.	1.90	3.27	1.95	1.95	2.45	2.70	2.25	1.90	1.25	2.05	1.65	1.60	130	180	170	170
W. Va.	1.59	3.23	2.30	2.30	2.10	3.25	2.35	2.15	1.50	2.20	2.10	2.00	100	184	150	150
N. C.	1.61	2.77	2.25	2.20	2.50	2.35	2.30	1.45	1.85	1.75	1.85	1.80	156	178	200	180
S. C.					3.10	2.65	2.50	1.65	1.60	1.35	1.65	1.50	162	185	200	180
Ga.					4.00	2.95	2.90	1.60	1.15	1.15	1.25	1.20	180	180	190	190
Fla.					3.00	2.50	2.25	2.10	1.10	1.10	1.10	1.00	260	288	300	300
Ky.	2.18	2.51	2.45	2.40	2.95	2.30	2.50	2.00	1.60	1.40	1.75	1.65	100	106	114	
Tenn.	2.67	2.47	2.55	2.40	2.90	1.90	2.50	2.10	1.80	1.35	1.75	1.55	120	105	150	110
Ala.					3.00	2.05	2.65	2.40	1.50	1.35	1.65	1.50	160	100	140	140
Miss.					2.60	2.60	3.10	2.85	1.45	1.50	1.55	1.50				
Ark.	2.35	2.61	2.40	1.75	2.80	2.30	2.35	2.10	1.80	1.75	1.90	1.75	90	120	125	90
La.					3.00	2.95	3.05	2.85	1.25	1.30	1.50	1.45				
Okl.					3.40	2.45	2.50	2.50	2.00	1.30	1.80	1.30	100	90	82	90
Tex.					3.00	2.25	2.25	2.55	1.80	1.60	1.70	1.65	100		100	90
Mont.	1.97	2.80	3.00	2.10												
Idaho	2.00	3.05	2.80	2.10	1.90	1.90	2.40	1.80	2.30	2.35	2.45	2.40	80	60	90	82
Colo.	1.89	2.99	2.30	2.05	2.65	2.15	2.20	2.60	2.75	2.00	2.50	2.00	110	100	120	94
N. Mex.	2.18	3.04	2.90	2.30	3.10	2.50	2.25	2.50	2.75	2.75	2.75	2.75	110		100	90
Ariz.					3.80	4.30	3.75	3.10	2.75	3.00	3.75	3.20	180		382	242
Utah	2.09	2.80	2.70	2.10	2.15	1.55	2.10	1.90	3.00	2.00	2.80	2.50	112	110	130	110
Nev.					3.13	2.80	3.50	1.80	3.50	2.25	3.00	3.00				
Wash.	2.29	2.91	2.80	2.55	1.75	1.95	1.94	1.83	2.15	2.27	2.33	2.11	62	64	85	66
Oreg.	2.19	2.84	2.80	2.30	2.60	2.80	2.65	2.25	3.16	3.22	3.42	3.14	95	90	90	80
Calif.	1.92	2.18	1.75	1.00	1.77	1.74	1.71	1.24	2.09	2.12	2.30	2.19	77	57	91	26

<sup>1</sup> See note 1, table 722.<sup>2</sup> See note 3, table 722. Price applies only to harvested portion of crop.<sup>3</sup> Equivalent per unit returns for bulk fruit at first delivery point.

Source of tables 722 and 723: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.

**No. 724.—SPECIFIED TREE FRUITS, GRAPES, AND NUTS—FARMS REPORTING AND NUMBER OF TREES: 1930, 1940, AND 1945**

ITEM AND YEAR	Farms reporting	NUMBER OF TREES OR VINES (THOUSANDS)		ITEM AND YEAR	Farms reporting	NUMBER OF TREES OR VINES (THOUSANDS)	
		Total	Of bearing age			Total	Of bearing age
Apples <sup>1</sup> .....	1930.....	2,297,099	116,304	88,849	Grapefruit <sup>1</sup> .....	1930.....	20,598
	1940.....	1,813,907	71,603	58,162		1940.....	26,768
	1945.....	1,940,468	85,776	(?)		1945.....	26,323
Cherries <sup>1</sup> .....	1930.....	867,944	12,997	8,381	Lemons <sup>1</sup> .....	1930.....	8,848
	1940.....	776,422	12,229	9,565		1940.....	13,717
	1945.....	797,257	11,990	(?)		1945.....	14,089
Peaches <sup>1</sup> .....	1930.....	1,481,242	79,046	58,912	Limes <sup>1</sup> .....	1930.....	585
	1940.....	1,394,566	68,867	47,147		1940.....	2,551
	1945.....	1,418,728	66,470	(?)		1945.....	1,073
Apricots <sup>1</sup> .....	1930.....	60,062	7,248	6,061	Almonds <sup>1</sup> .....	1930.....	9,218
	1940.....	105,465	8,368	5,499		1940.....	11,561
	1945.....	80,584	6,642	(?)		1945.....	12,698
Pears.....	1930.....	1,079,369	21,271	16,043	Filberts and hazelnuts <sup>1</sup>	1930.....	4,678
	1940.....	961,433	14,460	12,414		1940.....	21,874
	1945.....	960,990	13,876	(?)		1945.....	16,214
Plums and prunes	1930.....	901,462	33,914	29,399	Pecans (improved and seedling) <sup>1</sup> .....	1930.....	196,710
	1940.....	897,062	24,739	21,663		1940.....	278,146
	1945.....	624,468	22,714	(?)		1945.....	318,675
Grapes.....	1930.....	953,447	396,845	342,191	Walnuts, English or Persian <sup>1</sup> .....	1930.....	31,678
	1940.....	762,064	291,856	273,342		1940.....	44,231
	1945.....	880,136	290,181	(?)		1945.....	47,386
Oranges, including satsumas, tangerines, and mandarins <sup>1</sup> .....	1930.....	46,556	31,958	24,363	Tung nuts <sup>1</sup> .....	1930.....	144
	1940.....	54,666	37,153	32,611		1940.....	2,304
	1945.....	(?)	40,023	(?)		1945.....	4,160

<sup>1</sup> Figures for 1945 are not fully comparable with those for 1930 and 1940; 1945 totals are for States for which a separate inquiry was carried on schedule. For further discussion, see source.

<sup>2</sup> Not available.

<sup>3</sup> In 1945, 7,394 farms reported tangerines and mandarins, and 57,731 farms reported other oranges.

<sup>4</sup> Improved and seedling in 1945, cultivated and wild in 1930, and improved and wild in 1940.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

**No. 725.—APPLES, BY TREES OF BEARING AGE—FARMS REPORTING AND NUMBER OF TREES, 1940, AND PRODUCTION, 1939; AND FARMS REPORTING TREES OF NON-BEARING AGE, BY NUMBER OF TREES, 1940**

ITEM	Total	SIZE GROUP (NUMBER OF TREES OF BEARING AGE)					
		1 to 99 trees	100 to 199 trees	200 to 999 trees	1,000 to 4,999 trees	5,000 trees and over	None of bear- ing age
TREES OF BEARING AGE							
Farms reporting .....	1,561,738	1,478,410	37,003	37,861	7,799	676	-----
Number (thousands) .....	58,152	19,466	4,524	14,642	13,920	5,600	-----
Production, 1939 (1,000 bushels) .....	150,093	28,329	8,981	45,140	47,619	19,742	290
TREES NOT OF BEARING AGE							
Farms reporting, total .....	570,397	298,926	6,912	10,280	3,158	326	260,796
1 to 99 trees .....	648,308	264,266	4,937	4,379	425	15	244,347
100 to 199 trees .....	10,960	3,189	1,183	2,490	488	16	3,593
200 to 999 trees .....	9,674	1,391	763	3,160	1,663	110	2,597
1,000 to 4,999 trees .....	53	180	39	247	572	156	261
5,000 trees and over .....	53	-----	-----	4	10	29	6
Number (thousands) .....	13,511	4,151	607	1,982	1,781	576	4,414

<sup>1</sup> Includes reports for succeeding group in which there were fewer than 3 farms reporting.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Agriculture, Vol. III.

No. 796.—FARMS REPORTING SPECIFIED FIELD CROPS BY ACRES HARVESTED, 1939, AND LAND IN FRUIT ORCHARDS BY NUMBER OF ACRES, 1940

SIZE GROUP	Corn for all purposes	Barley threshed	Rye threshed	Tobacco harvested	Irish potatoes	Sweet potatoes	SIZE GROUP	Soybeans harvested for grain	Winter wheat threshed	Oats threshed	SIZE GROUP	Land in fruit orchards, vineyards, and planted nut trees
Total.....	4,456,239	838,384	207,021	480,348	2,651,334	1,163,719	Total.....	206,242	1,124,138	1,433,978	Trees, vines, or production with no acreage reported..	1,274,319
Under 5 acres.....	792,499	64,252	54,770	367,715	2,540,986	1,148,579	Under 25 acres.....	150,377	808,018	1,084,712	Total farms reporting acreage	1,230,436
5 to 9 acres.....	1,009,277	109,537	47,234	99,241	43,211	10,731	25 to 49 acres.....	31,406	148,846	298,620	14 to 14 acres.....	626,022
10 to 14 acres.....	804,792	89,800	31,251	22,085	16,058	2,013	50 to 99 acres.....	16,832	80,794	95,311	1 to 23 1/2 acres.....	440,463
15 to 19 acres.....	473,437	53,301	16,773	5,609	7,202	318	100 acres and over.....	7,527	79,480	15,327	2 1/2 to 4 1/2 acres.....	94,076
20 to 24 acres.....	336,798	51,154	14,760	1,987	5,059	441					5 to 9 1/2 acres.....	68,737
25 to 34 acres.....	362,883	54,904	16,365	1,111	4,903	285					10 to 14 1/2 acres.....	33,069
35 to 44 acres.....	219,400	34,511	9,844	311	2,887	104					15 to 24 1/2 acres.....	30,363
45 to 54 acres.....	138,324	18,534	5,339	142	1,483	52					25 to 49 1/2 acres.....	23,163
55 to 74 acres.....	182,156	18,078	5,574	65	1,580	47					50 to 99 1/2 acres.....	9,601
75 to 99 acres.....	84,886	9,401	2,922	32	1,820	24					100 acres and over.....	4,971
100 acres and over.....	81,749	11,550	3,499	39	1,195	25						

SIZE GROUP	Soybeans grown alone	Cowpeas grown alone	Peanuts grown alone	SIZE GROUP	Annual legumes saved for hay	Alfalfa cut for hay	Sweet-clover cut for hay	Leaves cut for hay	Clover or timothy (alone or mixed) cut for hay	Small grains cut for hay	Other tame hay	Wild hay	Flax threshed
Total.....	827,676	582,336	453,284	Total.....	972,129	946,545	97,457	461,306	1,110,494	336,367	544,195	413,208	83,183
Under 10 acres.....	553,949	519,009	378,580	Under 25 acres.....	936,172	826,716	86,520	444,109	909,341	304,180	499,731	308,239	55,303
10 to 24 acres.....	189,233	61,243	60,852	25 to 44 acres.....	26,765	80,765	8,190	28,046	150,152	20,126	51,292	50,844	17,394
25 to 49 acres.....	69,028	6,879	14,483	45 to 99 acres.....	7,260	30,730	2,801	7,866	45,062	6,804	20,836	31,701	8,556
50 acres and over.....	25,566	8,165	4,401	100 acres and over.....	1,941	8,244	356	1,485	5,909	2,747	4,235	22,416	1,856

Sources: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Agriculture, Vol. III.

### No. 727.—SUGAR BEETS—ACREAGE, PRODUCTION, PRICES RECEIVED BY FARMERS AND VALUE, 1901 TO 1947, AND BY STATES, 1944 TO 1947

[Prior to 1934 acreage and production include a small quantity produced in Canada for U. S. factories. U. S. totals include data for a few States not shown separately]

YEARLY AVERAGE OR YEAR AND STATE	Acres harvested (thousands)	Tons per acre	Production (1,000 tons)	Price per ton (dollars) <sup>1</sup>	Farm value (1,000 dollars)	YEAR AND STATE	Acres harvested (thousands)	Tons per acre	Production (1,000 tons)	Price per ton (dollars) <sup>1</sup>	Farm value (1,000 dollars)
United States:						Idaho:					
1901-1905	228	9.22	12,079	4.89	10,166	1944	43	14.4	618	10.30	6,365
1906-1910	386	10.13	23,910	5.18	20,254	1945	53	16.8	809	9.90	8,009
1911-1915	541	10.66	35,738	5.63	32,318	1946	76	14.8	1,274	11.50	14,681
1916-1920	700	9.49	6,623	9.56	63,314	1947	103	17.3	1,782		
1921-1925	693	10.06	6,972	7.46	52,040	Michigan:					
1926-1930	701	11.01	7,718	7.32	56,480	1944	59	8.8	519	12.10	6,280
1931-1935	799	10.88	8,686	5.42	47,119	1945	78	8.0	627	11.20	7,023
1936-1940	859	12.23	10,500	5.14	53,938	1946	95	8.6	814	14.10	11,477
1941-1945	706	12.10	8,780	8.31	72,972	1947	67	7.0	469		
1934	770	9.8	7,519	5.16	38,776	Montana:					
1935	763	10.4	7,908	5.76	45,565	1944	64	10.7	682	10.00	7,230
1936	778	11.6	9,028	6.06	54,636	1945	81	10.7	866	10.30	8,910
1937	755	11.8	8,784	5.27	46,249	1946	73	12.2	891	10.90	9,712
1938	930	12.5	11,615	4.65	54,052	1947	77	11.6	893		
1939	917	11.8	10,781	4.76	51,342	Nebraska:					
1940	918	13.4	12,292	5.16	63,409	1944	46	10.7	490	10.20	4,998
1941	754	13.7	10,311	6.47	66,705	1945	59	10.8	635	9.20	5,843
1942	954	12.2	11,674	6.87	80,156	1946	60	13.8	826	10.40	8,580
1943	648	11.9	8,532	8.86	57,898	1947	72	11.2	806		
1944	558	12.1	6,755	10.70	72,026	Ohio:					
1945	713	12.1	8,626	10.20	68,074	1944	13	8.7	113	12.00	1,360
1946	802	13.2	10,562	11.20	116,638	1945	21	9.9	208	11.60	2,413
1947	887	13.8	12,248	12.00	146,572	1946	26	9.0	234	14.00	3,276
California:						1947	22	7.2	158		
1944	71	16.9	1,199	11.00	13,189	Utah:					
1945	93	16.9	1,568	10.70	16,776	1944	31	12.8	396	10.10	4,000
1946	122	17.0	2,079	11.30	23,493	1945	32	13.7	437	9.70	4,239
1947	150	17.9	2,792			1946	41	13.9	568	10.60	6,021
Colorado:						1947	45	15.9	716		
1944	117	12.2	1,427	10.70	15,269	Wyoming:					
1945	152	12.1	1,835	10.20	18,717	1944	28	11.0	307	10.30	3,162
1946	153	12.5	1,920	10.20	19,584	1945	35	9.9	346	10.00	3,460
1947	169	14.5	2,450			1946	36	11.7	421	10.80	4,547
						1947	36	12.6	454		

<sup>1</sup> Season average price.

<sup>2</sup> Beets used by factories 1901 to 1912.

<sup>3</sup> 4-year average.

### No. 728.—SUGARCANE SIRUP—PRODUCTION, 1938 TO 1947, AND BY STATES, 1945, 1946, AND 1947

[Excludes sorghum, sometimes confused with sugarcane. For molasses, a byproduct of sugar refineries not included in this table, see table 729]

STATE AND YEAR	Cane harvested for sirup	Sirup produced	STATE AND YEAR	Cane harvested for sirup	Sirup produced
All States:	Acres	1,000 gallons	Florida:	Acres	1,000 gallons
1938	134,000	20,524	1945	11,000	2,090
1939	142,000	22,254	1946	11,000	1,980
1940	102,000	12,415	1947	12,000	2,400
1941	116,000	18,764	Alabama:		
1942	119,000	18,610	1945	22,000	2,900
1943	134,000	21,575	1946	18,000	2,430
1944	135,000	21,071	1947	15,000	2,160
1945	183,000	28,711	Mississippi:		
1946	120,000	24,450	1945	22,000	3,580
1947	112,000	20,270	1946	20,000	3,500
South Carolina:			1947	20,000	2,600
1945	3,000	342	Louisiana:		
1946	3,000	420	1945	45,000	16,075
1947	2,000	300	1946	43,000	11,835
Georgia:			1947	36,000	8,460
1945	28,000	4,564	Texas:		
1946	23,000	4,025	1945	2,000	280
1947	22,000	4,070	1946	2,000	370
			1947	2,000	296

Source of tables 727 and 728: Department of Agriculture, Bureau of Agricultural Economics; Annual Summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.

# No. 729.—SUGARCANE, CANE SUGAR, AND MOLASSES—PRODUCTION IN CONTINENTAL UNITED STATES: 1920 TO 1947

[Tons are of 2,000 pounds. Data include Louisiana for all years, Florida beginning 1925, and Texas through 1929]

YEAR	Total acreage harvested for sugar and seed	Average yield of cane per acre for sugar and seed <sup>1</sup>	Total production for sugar and seed	Season average price per ton received by farmers	Farm value of cane used for sugar and seed	SUGAR PRODUCED		Raw sugar 96° made per ton of cane	MOLASSES MADE	
						Converted to 96° raw basis <sup>2</sup>	Equivalent refined <sup>3</sup>		Black-strap	Total <sup>4</sup>
	1,000 acres	Tons	1,000 tons	Dollars	1,000 dollars	1,000 tons	1,000 tons	Pounds	1,000 gallons	1,000 gallons
1920	253.7	13.7	3,468	5.76	19,975	180	189	139	10,599	17,507
1921	275.0	18.5	5,081	3.63	18,444	■	313	158	17,919	25,729
1922	295.9	15.6	4,614	5.83	26,900	302	282	159	15,268	22,777
1923	288.8	11.1	3,216	7.09	22,801	168	157	138	8,429	15,979
1924	251.0	7.6	1,900	5.58	10,602	90	84	147	3,336	9,590
1925	234.0	14.0	3,293	4.05	13,387	142	133	107	12,171	17,783
1926	161.0	6.8	1,088	4.92	5,353	48	45	111	2,745	6,614
1927	89.0	13.1	1,168	4.61	5,384	73	67	150	2,582	6,624
1928	146.8	14.4	2,115	3.85	8,153	136	127	145	5,817	13,699
1929	205.0	16.3	3,350	3.73	12,500	218	205	140	15,862	21,063
1930	303.5	15.5	3,153	3.31	10,430	315	291	149	14,234	19,099
1931	190.4	13.9	2,753	3.21	8,374	184	172	146	11,206	16,464
1932	241.9	14.9	3,599	2.98	10,741	265	248	160	13,472	18,984
1933	233.8	14.4	3,375	3.18	10,727	230	234	163	14,140	19,441
1934	262.6	14.5	3,802	2.33	8,854	267	249	157	15,689	21,198
1935	275.4	18.0	4,954	3.15	15,589	383	358	168	23,280	28,908
1936	284.2	22.2	5,860	3.67	21,499	437	409	161	31,061	36,299
1937	307.2	20.7	6,367	2.90	18,488	462	432	157	33,631	37,411
1938	312.9	22.9	7,157	2.70	19,292	583	545	173	40,606	44,389
1939	276.9	22.5	6,244	2.84	17,759	504	471	174	31,716	36,007
1940	369.7	15.6	4,218	2.73	11,539	332	311	175	21,476	24,182
1941	288.7	19.0	5,471	4.00	21,906	419	392	171	26,052	31,452
1942	316.9	18.4	5,840	4.39	25,663	469	430	170	27,901	35,633
1943	305.9	21.2	6,485	4.62	29,938	498	466	164	33,184	43,874
1944	294.3	20.8	6,128	4.94	30,277	437	409	153	34,116	41,036
1945	290.4	23.1	6,718	5.67	38,078	475	444	151	32,165	47,346
1946	310.8	19.2	5,967	6.62	39,513	425	397	154	26,494	39,993
1947	321.1	16.9	5,437	7.28	39,579	376	351	151	27,076	32,222

<sup>1</sup> Growth of 9 months in Louisiana and 12 months in Florida. Sugar campaign usually not ended before February in Louisiana and April in Florida, following season of growth of cane.

<sup>2</sup> Calculated by the Agricultural Adjustment Administration method. (S. R. Series 1, No. 1.)

<sup>3</sup> Based on the ratio of 100 pounds of raw sugar to 93.46 pounds of refined sugar.

<sup>4</sup> Not including sirup production. See table 728.

<sup>5</sup> Includes price support payments of \$1.45 per ton in 1945. Excludes Government payments under Sugar Act of \$1.21 per ton in 1945 and approximately \$1.25 in 1946.

Source: Dept. of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics. Also published in The World Sugar Situation.

# No. 730.—SUGARCANE AND CANE SUGAR—PRODUCTION OF HAWAII: 1936 TO 1947

[Tons are of 2,000 pounds]

YEAR BEGINNING JAN. 1—	Total acres in cane	CANE USED FOR SUGAR			SUGAR MADE (1,000 TONS)		Raw sugar 96° made per ton of cane (pounds)	Recovery of equivalent refined sugar from cane ground <sup>4</sup> (percent)
		Acres harvested	Production (1,000 tons)	Yield per acre (tons) <sup>1</sup>	Converted to 96° raw basis <sup>2</sup>	Equivalent refined <sup>3</sup>		
1936	245,891	130,828	9,170	70	1,042	974	227	10.62
1937	240,833	129,671	8,803	70	944	883	215	10.03
1938	238,302	135,978	8,835	65	941	880	213	10.65
1939	235,227	138,440	8,610	62	904	929	231	10.79
1940	235,110	138,417	8,567	63	977	913	228	10.67
1941	238,111	130,768	8,560	65	947	885	221	10.34
1942	225,199	114,745	7,918	69	870	813	220	10.27
1943	220,928	113,754	8,185	72	898	828	216	10.11
1944	216,072	109,523	7,832	72	878	818	223	10.44
1945	211,331	103,173	7,371	71	821	768	223	10.41
1946	208,376	84,379	6,002	71	680	636	227	10.59
1947	211,624	113,020	7,942	70	872	815	220	10.26

<sup>1</sup> Age of cane equals 18 to 22 months of growth.

<sup>2</sup> See note 2, table 729.

<sup>3</sup> One ton of raw sugar 96° test is assumed to be equivalent to .9346 ton of refined.

<sup>4</sup> Based on tonnage of cane used.

Source: Data collected by Dept. of Agriculture, Bureau of Agricultural Economics, through the Hawaiian Sugar Planters' Association. Published in annual report, Agricultural Statistics, and in The World Sugar Situation.

**No. 781.—SUGARCANE AND CANE SUGAR—PRODUCTION OF PUERTO RICO: 1933-33  
TO 1946-47**

CROP YEAR	SUGARCANE HARVESTED			SUGAR PRODUCED <sup>1</sup>		Sugar made per ton of sugarcane (pounds)	Recovery of equivalent refined sugar from cane ground (percent)
	Acreage	Yield per acre (tons) <sup>2</sup>	Production (1,000 tons) <sup>2</sup>	As made (1,000 tons) <sup>2</sup>	Equivalent refined (1,000 tons) <sup>2</sup>		
1933-1934	200,071	23.9	7,105	834	772	233	10.79
1934-1935	250,126	25.9	9,076	1,114	1,044	245	11.52
1935-1936	299,284	25.1	7,518	781	731	244	11.44
1936-1937	299,804	25.8	7,592	926	878	244	11.54
1937-1938	300,951	27.1	8,144	996	943	245	11.57
1938-1939	300,567	29.2	8,800	1,077	1,019	246	11.61
1939-1940	303,055	22.7	6,875	852	806	245	11.73
1940-1941	308,399	28.5	8,796	1,019	964	232	10.96
1941-1942	308,252	25.1	7,745	932	882	241	11.38
1942-1943	305,999	32.7	10,010	1,149	1,086	229	10.85
1943-1944	307,400	28.3	8,678	1,039	983	240	11.33
1944-1945	299,000	18.9	5,602	724	685	238	12.33
1945-1946	301,600	25.5	7,998	964	912	241	11.40
1946-1947	301,000	25.0	7,539	909	860	241	11.41
1946-1947 (prel.)	306,000	30.1	9,286	1,088	1,028	234	11.66

<sup>1</sup> For factor used in converting raw sugar to refined, see note 8, table 733.

<sup>2</sup> Ton of 2,000 pounds.

<sup>3</sup> Actual quantity of sugarcane harvested, including 6,392,547 tons of sugarcane cut for production of sugar, and 1,125,914 for production of high-grade molasses. It is estimated that about 1,935,542 tons of sugarcane were left standing and harvested following year.

Source: Dept. of Agriculture, Bureau of Agricultural Economics, compiled from annual reports of the Governor of Puerto Rico; annual report, Agricultural Statistics. Also published in The World Sugar Situation.

**No. 732.—MAPLE SIRUP AND SUGAR—PRODUCTION, 1859 TO 1947, AND BY STATES, 1945, 1946, AND 1947**

STATE AND YEAR	Trees tapped	Sugar made	Sirup made	Total product in terms of sugar <sup>1</sup>	STATE AND YEAR	Trees tapped	Sugar made	Sirup made	Total product in terms of sugar <sup>1</sup>
BUREAU OF THE CENSUS					DEPARTMENT OF AGRICULTURE—CON.				
United States:	Thou-	1,000	1,000	1,000	New Hampshire:	Thou-	1,000	1,000	1,000
1859	sands	pounds	gallons	pounds	1945	sands	pounds	gallons	pounds
1869					1946				
1879					1947				
1889					Vermont:				
1899					1945				
1909	18,900	14,024	4,106	46,912	1946	3,111	147	351	2,955
1919	17,457	9,692	3,508	37,754	1947	3,296	256	607	5,112
1929	( <sup>2</sup> )	1,341	2,341	20,070	1947	3,468	191	777	6,407
1939	9,955	356	2,456	20,007	Massachusetts:				
DEPARTMENT OF AGRICULTURE					1945	157	20	22	196
Total (10 States). <sup>3</sup>					1946	154	12	38	316
1937	11,339	779	2,497	20,755	1947	169	11	43	335
1938	11,380	705	2,770	22,855	New York:				
1939	10,813	366	2,515	20,486	1945	2,202	22	280	2,302
1940	9,957	434	2,597	21,210	1946	2,686	57	411	3,355
1941	9,786	387	1,997	16,363	1947	2,974	52	684	5,534
1942	9,847	654	2,915	23,974	Pennsylvania:				
1943	9,261	578	2,555	21,018	1945	285	18	53	443
1944	8,681	566	2,568	21,109	1946	291	11	45	371
1945	7,336	237	991	8,165	1947	335	16	90	736
1946	8,000	372	1,328	10,996	Ohio:				
1947	8,568	305	2,039	16,617	1945	560	1	136	1,068
Maine: <sup>4</sup>					1946	532			648
1945	92	6	9	78	1947	543		160	1,260
1946	87	7	10	87	Michigan:				
1947	95	6	17	142	1945	474	3	62	639
Maryland:					1946	502	3	63	508
1945	30	10	10	90	1947	577	14	141	1,143
1946	33	5	10	85	Wisconsin:				
1947	34	4	10	84	1945	226	1	28	185
					1946	210		38	226
					1947	252	1	66	259

<sup>1</sup> 1 gallon of sirup taken as equivalent to 8 pounds of sugar.

<sup>2</sup> Not called for on schedule.

<sup>3</sup> Excludes production on nonfarm lands in Somerset County, Maine.

Source: Dept. of Agriculture, Bureau of Agricultural Economics, except Census figures; annual report, Agricultural Statistics. Data also published in Crops and Markets and in annual summary, Acreage, Yield, and Production of Principal Crops.



**No. 783.—SUGAR, BEET AND CANE—STOCKS, PRODUCTION, TRADE, AND CALCULATED  
DISAPPEARANCE IN CONTINENTAL UNITED STATES: 1866 TO 1946**

YEAR BEGINNING JULY 1—	Stocks as of July 1 <sup>1</sup>	Production (beet and cane only) <sup>2</sup>	Brought in from insular areas <sup>3</sup>	Imports as sugar <sup>4</sup>	Exports as sugar <sup>5</sup>	Exports in other forms <sup>6</sup>	CALCULATED DISAPPEARANCE	
							Total	Per capita
In terms of raw sugar (tons of 2,000 lbs., except per capita in lbs.)								
1866		25,648		418,422	4,055		440,005	24.4
1870		89,000		633,556	1,920		721,236	36.6
1875		86,352		739,056	25,932		799,476	35.5
1880		143,212		968,568	11,126		1,100,654	43.2
1885		152,049		1,339,237	82,214		1,409,072	49.2
1890		252,459		1,739,480	54,217		1,937,722	60.6
1895		304,544		1,947,490	4,702		2,247,341	64.0
1900		397,968	416,388	1,982,526	4,266		2,792,615	72.6
1905		703,523	613,200	1,952,297	13,266		3,265,814	78.6
1910	463,873	903,475	943,701	1,845,279	36,567	15,966	3,803,583	81.6
1915	536,527	1,078,407	1,102,057	2,689,067	882,864	12,213	4,230,189	84.6
1920	127,497	1,348,811	1,076,342	3,228,279	319,589	89,491	5,067,803	94.8
1925	724,260	1,119,000	1,981,482	3,895,947	325,804	24,996	6,422,064	110.1
1930	1,179,755	1,508,000	2,603,735	2,416,398	77,131	33,026	6,438,373	104.1
1935	1,490,749	1,651,000	2,686,969	2,372,066	103,349	13,220	6,640,581	104.0
1938	1,645,895	2,386,000	2,709,219	1,666,440	88,969	14,048	6,284,676	98.4
1939	2,019,871	2,292,000	2,570,374	2,512,263	227,115	13,733	7,078,154	107.7
1940	2,120,435	2,229,000	2,995,960	2,405,449	68,237	12,533	7,587,320	114.4
1941	2,082,754	2,007,000	1,714,322	2,543,809	145,419	18,540	6,568,897	98.1
1942	1,614,819	2,186,000	1,586,737	2,255,191	200,143		5,963,735	87.9
1943	1,478,869	1,456,000	1,623,883	3,986,148	486,065	1,633	6,809,485	99.1
1944	1,287,717	1,493,000	1,303,377	4,231,126	224,964	4,516	7,401,690	106.6
1945	684,050	1,753,000	1,720,249	2,441,997	315,726	9,040	5,319,489	75.8
1946	955,151	2,194,000	1,457,417	3,370,857	288,047	12,480	6,202,274	88.2
In terms of refined sugar (tons of 2,000 lbs., except per capita in lbs.) <sup>7</sup>								
1930	1,108,852	1,409,000	2,451,611	2,261,187	71,684	30,781	6,039,349	97.7
1935	1,402,787	1,643,000	2,557,242	2,234,000	97,332	12,451	6,267,622	98.2
1936	1,359,734	1,712,000	2,693,616	1,893,643	78,978	10,685	6,200,526	96.6
1937	1,362,627	1,720,000	2,680,193	1,641,066	61,166	13,713	5,669,035	87.7
1938	1,546,336	2,230,000	2,577,220	1,669,450	83,782	13,230	5,930,582	91.0
1939	1,895,708	2,114,000	2,444,880	2,366,049	213,897	12,934	6,603,542	100.4
1940	1,969,948	2,063,000	2,850,284	2,265,452	64,265	11,803	7,150,283	108.0
1941	1,953,223	1,876,000	1,632,911	2,391,815	136,955	17,460	6,186,703	92.4
1942	1,512,841	2,043,000	1,514,263	2,125,350	188,331		5,420,934	82.9
1943	1,386,189	1,399,000	1,648,803	3,755,774	457,059	1,538	6,427,320	99.6
1944	1,203,849	1,399,000	1,227,900	3,986,573	211,871	4,253	6,661,799	100.2
1945	639,269	1,638,000	1,620,685	2,301,368	297,351	8,524	5,000,813	71.2
1946	892,664	1,820,000	1,373,013	3,176,647	271,283	11,725	5,915,761	82.9

<sup>1</sup> Beginning 1910, stocks on hand are taken into account. Figures for 1910-20 are for cane sugar only; 1922-34 includes stocks of raw cane sugar in all ports and beet sugar held by factories, according to trade sources. Beginning 1935, includes stocks of raw and refined sugar held by refiners, by importers and distributors of direct consumption sugar, and by beet sugar factories, as reported by Sugar Division, U. S. Department of Agriculture.

<sup>2</sup> Beet sugar converted to raw at rate of 1.075 through 1920.

<sup>3</sup> Includes Hawaii, Puerto Rico, and the Philippines. Virgin Islands included beginning July 1, 1917.

<sup>4</sup> No account taken of sugar imported in other forms. Imports from Philippine Islands excluded beginning July 1, 1900, and from Virgin Islands beginning July 1, 1917; reexports deducted through 1932; imports for consumption beginning 1933.

<sup>5</sup> Includes shipments to Hawaii and Puerto Rico for all years, to Alaska beginning 1933, and Virgin Islands beginning Jan. 1, 1935. Excludes direct exports to foreign countries through customs districts of noncontiguous territories.

<sup>6</sup> Sugar used in manufacture of other commodities for exports on which drawback was paid, taken into account beginning 1910.

<sup>7</sup> Raw sugar converted to refined by multiplying by following factors: For 1930 Cuba and Hawaii, 0.9358; Puerto Rico, 0.9398; Philippine Islands, 0.95; all others, 0.932; beginning 1931, Hawaii, 0.9617; Puerto Rico, Philippine Islands, and Virgin Islands, 0.946; Cuba and all others, 0.9418.

Source: Dept. of Agriculture, Bur. of Agricultural Economics; annual report, Agricultural Statistics. Also published in The World Sugar Situation.

### No. 734.—SUGAR, BEET AND CANE, CHIEFLY RAW—PRODUCTION, FOR CONTINENTAL UNITED STATES, PUERTO RICO, HAWAII, PHILIPPINES, AND WORLD: 1870 TO 1947

[In thousands of tons of 2,000 pounds. Prior to 1900, data refer to crop year beginning July 1; thereafter, crop year with beginning dates varying from Sept. to following June, except as noted for Hawaii]

YEARLY AVERAGE OR CROP YEAR (SEE HEADNOTE)	Conti- nental U. S. and out- lying areas <sup>1</sup>	CONTINENTAL U. S.			Puerto Rico <sup>2</sup>	Ha- waii <sup>3</sup>	Philip- pine Is- lands <sup>4</sup>	World total	PERCENT OF WORLD TOTAL IN—	
		Total (in terms of raw) <sup>5</sup>	Beet (re- duced to raw) <sup>6</sup>	Cane (chiefly raw)					Conti- nental U. S.	U. S. and out- lying areas
1870-1874.....	291	73	(*)	73	95	13	110	(*)	(*)	(*)
1875-1879.....	347	96	(*)	96	78	20	182	(*)	(*)	(*)
1880-1884.....	476	131	1	130	87	64	195	(*)	(*)	(*)
1885-1889.....	542	153	1	152	73	119	196	(*)	(*)	(*)
1890-1894.....	759	284	14	271	63	145	265	(*)	(*)	(*)
1895-1899.....	812	326	48	279	56	255	174	10,344	3.0	7.5
1900-1904.....	1,141	543	194	349	115	389	94	13,321	4.1	8.6
1905-1909.....	1,632	808	447	362	255	439	141	15,788	5.1	10.7
1910-1914.....	2,306	986	607	379	353	604	345	19,799	5.0	11.6
1915-1919.....	2,593	1,069	845	225	466	600	447	18,675	5.7	12.7
1920-1924.....	2,938	1,233	1,017	216	476	643	581	22,384	5.5	13.1
1925-1929.....	3,587	1,189	1,066	123	687	884	820	29,419	4.0	12.2
1930-1934.....	4,749	1,632	1,396	236	894	1,042	1,176	29,820	5.5	15.9
1935-1939.....	5,060	1,994	1,520	474	974	980	1,127	34,543	5.8	14.7
1940.....	5,264	2,229	1,897	332	932	947	1,148	35,829	6.2	14.7
1941.....	4,691	2,007	1,588	419	1,148	870	665	32,340	6.2	14.5
1942.....	4,265	2,136	1,726	400	1,039	886	150	30,504	7.2	14.0
1943.....	3,248	1,496	998	498	724	875	150	30,636	4.9	10.6
1944.....	3,337	1,493	1,056	437	964	821	75	27,341	5.5	12.3
1945.....	3,483	1,753	1,278	475	909	680	115	26,396	6.7	13.2
1946 (prel.).....	4,088	1,948	1,523	425	1,088	872	180	31,894	6.1	12.9
1947 (prel.).....	4,679	2,199	1,824	375	1,000	950	530	33,466	6.6	14.0

<sup>1</sup> Includes Puerto Rico, Hawaii, Phil. Isls., and beginning 1910, Virgin Islands not shown separately.

<sup>2</sup> Beet sugar not converted to raw prior to 1909. Refined reduced to raw basis by multiplying by 1.07.

<sup>3</sup> For 1900 to 1906, shipments to United States.

<sup>4</sup> Statistics for 1874 to 1880 represents exports. Normal grinding season begins Oct. 1. In 1933, production was from grindings of Oct. 1, 1933, to Dec. 31, 1934; beginning 1934, from grindings of the next calendar year.

<sup>5</sup> Exports 1871 to 1911, production 1912 and subsequently. Includes production of muscovado and pancecha, low grades of sugar mostly for domestic consumption.

<sup>6</sup> Less than 500 tons.

<sup>7</sup> One year only.

<sup>8</sup> Not available.

<sup>9</sup> Louisiana and Texas 1900 to 1923, Louisiana only 1924 to 1927; Louisiana and Florida beginning 1928.

Source: Dept. of Agriculture, Bur. of Agricultural Economics. Compiled from official sources and International Institute of Agriculture. Published in annual report, Agricultural Statistics, and also in The World Sugar Situation.

### No. 735.—SUGAR, BEET AND CANE, RAW—PERCENT DISTRIBUTION OF CONSUMPTION IN CONTINENTAL UNITED STATES, BY SOURCE: 1870 TO 1946

[Percent based on figures in tables 733 and 734, except that stocks have been disregarded]

YEARLY AVERAGE OR YEAR BEGINNING JULY 1—	Percent of world production retained for consumption	PERCENT OF CONSUMPTION FROM 1—			YEARLY AVERAGE OR YEAR BEGINNING JULY 1—	Percent of world production retained for consumption	PERCENT OF CONSUMPTION FROM 1—		
		Domestic	Non-contiguous territory <sup>2</sup>	All foreign countries			Domestic	Non-contiguous territory <sup>2</sup>	All foreign countries
1870-1874.....	(*)	8.6	13.4	78.0	1925-1929.....	22.6	17.9	30.3	51.9
1875-1879.....	(*)	10.7	13.5	75.8	1930-1934.....	21.8	25.3	43.5	31.2
1880-1884.....	(*)	10.5	17.1	72.4	1935-1939.....	19.1	30.0	40.8	29.1
1885-1889.....	(*)	10.0	18.6	71.2	1939.....	19.6	31.8	36.2	32.0
1890-1894.....	(*)	13.3	11.1	75.6	1940.....	21.1	29.5	39.7	30.8
1895-1899.....	20.9	14.4	13.4	72.1	1941.....	18.9	32.9	28.1	39.0
1900-1904.....	21.6	16.9	17.4	65.7	1942.....	19.1	37.5	27.2	35.3
1905-1909.....	21.9	23.0	21.6	55.3	1943.....	21.6	32.6	24.5	52.9
1910-1914.....	20.7	24.0	25.3	50.7	1944.....	24.9	22.0	19.2	58.9
1915-1919.....	22.7	25.0	24.9	50.2	1945.....	21.2	31.4	30.8	37.9
1920-1924.....	25.8	21.3	22.7	56.0	1946.....	21.1	32.6	21.7	45.7

<sup>1</sup> Exports assumed to be wholly from sugar imported from foreign countries.

<sup>2</sup> Hawaii, Puerto Rico, and Philippine Islands and beginning July 1, 1917, Virgin Islands.

<sup>3</sup> Not available.

Source: 1875 to 1909, computed from production as reported by Department of Agriculture, and exports, imports and shipments as reported by Department of Commerce, Bureau of Foreign and Domestic Commerce; thereafter, based on data in tables 733 and 734.

**No. 736.—COTTON—PRODUCTION, CONSUMPTION, EXPORTS, IMPORTS, PRICES, AND CARRY-OVER: 1905 TO 1947**

[All figures, except average net weight and price, in thousands of bales. Production figures relate to crop of preceding year and are compiled from individual reports of ginner. Beginning 1911, price per pound represents average price received by growers, as computed by Department of Agriculture; for earlier years, it is average price of average grade marketed in New Orleans prior to April 1 of following year. Consumption figures relate to 12 months during which crop of specified year was chiefly marketed, and not to calendar year. Export and import figures (compiled by Bureau of Foreign and Domestic Commerce through April 1941, Bureau of Census thereafter) relate to 12 months beginning Sept. 1 for years prior to 1915, and to 12 months beginning Aug. 1, thereafter. Figures for linters are included in those for consumption prior to 1909, and in export figures prior to 1915. Separate figures for linters prior to those years not available. See 1937 Statistical Abstract, table 659, for figures for years prior to 1905]

YEAR ENDING JULY 31 <sup>1</sup>	COTTON (EXCLUSIVE OF LINTERS)							
	Production		Average net weight of bale (lbs.)	Average price per pound upland cotton (cents)	Con- sumption (running bales)	Exports of do- mestic cotton (running bales)	Imports (equiva- lent 500- pound bales)	Carry- over (running bales)
	Running bales, counting round as half bales	Equivalent 500-pound bales, gross weight						
1905.....	13,451	13,438	478	8.7	4,279	8,560	130	1,935
1906.....	10,495	10,575	482	10.9	4,909	6,906	133	1,349
1907.....	12,983	13,274	489	10.0	4,985	8,616	203	1,515
1908.....	11,058	11,107	480	11.5	4,539	7,465	141	1,236
1909.....	13,086	13,242	484	9.2	5,092	8,685	165	1,484
1910.....	10,073	10,005	475	14.3	4,622	6,206	151	1,040
1911.....	11,568	11,609	480	14.0	4,496	7,788	231	1,378
1912.....	15,553	15,693	483	9.6	5,129	10,719	229	1,777
1913.....	13,489	13,703	486	11.5	5,483	8,746	225	1,598
1914.....	13,983	14,156	484	12.5	5,577	9,151	266	1,448
1915.....	15,906	16,135	485	7.3	5,597	8,323	364	3,936
1916.....	11,068	11,192	484	11.2	6,398	5,896	421	3,140
1917.....	11,364	11,450	482	17.3	6,789	5,300	288	2,720
1918.....	11,248	11,302	480	27.1	6,566	4,288	217	3,450
1919.....	11,906	12,041	484	28.8	5,766	5,592	197	4,287
1920.....	11,326	11,421	482	35.4	6,420	6,545	683	3,563
1921.....	13,271	13,440	484	15.8	4,893	5,745	211	6,534
1922.....	7,978	7,954	476	16.9	5,910	6,184	352	2,832
1923.....	9,729	9,762	480	22.9	6,666	4,823	450	2,326
1924.....	10,171	10,140	477	28.7	5,681	5,656	272	1,556
1925.....	13,639	13,628	478	22.9	6,193	8,005	303	1,610
1926.....	16,123	16,104	478	19.6	6,456	8,051	314	3,543
1927.....	17,756	17,977	484	12.5	7,190	10,927	382	3,762
1928.....	12,783	12,956	485	20.2	6,834	7,542	321	2,536
1929.....	14,297	14,478	484	18.0	7,091	8,044	442	2,312
1930.....	14,548	14,825	487	16.8	6,106	6,690	368	4,530
1931.....	13,756	13,932	484	9.5	5,263	6,760	99	6,370
1932.....	16,629	17,096	492	5.7	4,866	8,708	107	9,678
1933.....	12,710	13,002	490	6.5	6,137	8,419	124	8,165
1934.....	12,664	13,047	493	10.3	5,700	7,534	141	7,744
1935.....	9,472	9,637	487	12.4	5,361	4,799	106	7,208
1936.....	10,420	10,638	488	11.1	6,351	5,973	152	5,409
1937.....	12,141	12,399	489	12.3	7,950	5,440	249	4,499
1938.....	18,252	18,945	497	8.4	5,748	5,598	158	11,533
1939.....	11,623	11,944	492	8.6	6,858	3,327	132	13,033
1940.....	11,481	11,816	493	9.1	7,784	6,192	162	10,564
1941.....	12,298	12,565	489	9.9	9,722	1,112	188	12,166
1942.....	10,495	10,742	491	17.0	11,170	1,125	252	10,640
1943.....	12,438	12,820	495	19.0	11,100	1,480	168	10,657
1944.....	11,129	11,429	493	19.9	9,943	1,138	129	10,744
1945.....	11,839	12,230	496	20.7	9,568	2,009	190	11,164
1946.....	8,813	9,016	491	22.5	9,163	3,613	343	7,326
1947.....	8,517	8,639	507	32.6	10,025	3,545	284	2,530

<sup>1</sup> For exceptions, see headnote.

<sup>2</sup> Includes exports by Department of the Army under the Civilian Supply Program.

Source: Department of Commerce, Bureau of the Census (except as noted in headnote); annual report, Cotton Production and Distribution.

No. 737.—COTTONSEED AND COTTONSEED PRODUCTS—PRODUCTION, VALUE, AND EXPORTS: 1881 TO 1947

[Cottonseed production relates to preceding crop year; other data relate to 12 months ending July 31. Tons are 2,000 pounds. Export data compiled by Bureau of Foreign and Domestic Commerce through April 1941, Bureau of Census thereafter]

COTTONSEED		COTTONSEED PRODUCTS															
YEARLY AVERAGE OR YEAR ENDING JULY 31 OR JUNE 30—	Pro- duc- tion	Used in mills	Production				Value				Value per unit				Exports		
			Oil	Meal and cake	Hulls	Linters	All products	Oil	Meal and cake	Hulls	Linters	Oil	Meal and cake	Hulls	Linters	Oil	Meal and cake
	1,000 tons	1,000 tons	1,000 pounds	1,000 tons	1,000 tons	Bales <sup>1</sup>	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Cents per lb.	Dollars per ton	Dollars per ton	Cents per lb. <sup>2</sup>	1,000 pounds	1,000 tons
1881-1890-----	3,018	553	165,810	193	1,169	114,544	12,164	7,864	4,300	3,190	1,800	4.7	22.25	2.73	3.1	34,038	1,388
1891-1900-----	4,280	1,625	483,015	570	1,382	167,327	25,580	13,348	11,733	5,400	2,886	2.8	20.58	3.91	3.1	191,157	548
1901-1905-----	5,139	3,085	890,745	1,130	1,382	282,064	66,148	34,038	22,824	7,242	3,514	3.8	20.19	6.06	2.4	297,888	578
1906-1910-----	5,258	3,296	990,450	1,339	1,195	595,225	83,424	40,432	32,236	10,126	6,526	4.1	24.07	6.63	2.1	311,463	578
1911-1915-----	6,353	4,847	1,466,940	2,162	1,527		143,766	75,534	51,580			5.1	23.86		2.1	290,311	551
1916-1920-----	5,116	4,285	1,302,050	2,041	1,093	943,474	312,781	179,249	92,191	14,845	26,496	13.8	45.18	13.58	5.4	172,877	801
1921-1925-----	4,878	3,646	1,125,196	1,654	1,082	678,384	177,947	91,147	61,141	11,539	14,120	8.1	36.97	10.66	4.7	106,371	258
1926-1930-----	6,784	5,319	1,631,597	2,409	1,495	1,117,754	247,765	132,413	81,514	11,294	22,544	8.1	33.84	7.55	3.9	48,762	328
1931-1935-----	5,932	4,474	1,398,611	2,032	1,229	954,186	129,846	67,335	42,939	7,633	11,938	4.8	21.13	6.21	2.4	28,100	97
1936-1940-----	5,847	4,653	1,444,771	2,101	1,195	1,354,871	184,304	102,063	53,715	8,362	20,165	7.1	25.56	7.00	2.7	7,681	26
1935-----	4,282	3,550	1,108,582	1,614	913	965,540	177,738	91,849	54,023	10,260	21,606	8.3	33.46	11.24	4.3	4,927	3
1936-----	4,729	3,818	1,163,736	1,739	988	1,050,213	167,745	101,454	38,753	6,568	20,970	8.7	22.29	6.65	3.9	3,532	11
1937-----	5,511	4,498	1,363,978	2,031	1,144	1,357,296	229,183	123,189	65,783	10,472	29,739	9.0	32.39	9.15	4.2	3,506	4
1938-----	8,426	6,326	1,961,486	2,830	1,626	1,754,516	212,197	121,510	62,843	8,917	18,927	6.2	22.20	5.48	2.1	7,421	92
1939-----	5,309	4,471	1,409,414	2,023	1,161	1,329,208	153,185	86,601	47,194	7,123	12,267	6.1	23.32	6.13	1.8	4,514	15
1940-----	5,259	4,151	1,325,241	1,882	1,055	1,283,122	159,212	77,561	54,003	8,728	18,920	5.9	28.69	8.27	2.8	19,431	7
1941-----	5,595	4,398	1,425,471	1,954	1,107	1,454,042	166,236	77,482	52,586	8,771	27,397	5.4	26.92	7.92	3.6	14,941	1
1942-----	4,788	4,008	1,249,872	1,753	992	1,436,213	260,718	151,730	67,558	7,909	33,521	12.1	38.55	7.98	4.5	7,864	1
1943-----	5,717	4,498	1,400,534	1,995	1,085	1,646,228	297,888	177,837	73,005	9,460	37,586	12.7	36.60	8.72	4.4	60,000	1
1944-----	4,680	3,955	1,235,829	1,834	927	1,412,340	289,914	157,545	88,802	11,863	31,704	12.7	48.41	12.80	4.3	8,061	1
1945-----	4,902	4,254	1,324,039	1,954	984	1,500,283	308,774	166,705	94,910	13,005	34,154	12.6	48.57	13.21	4.4	7,383	( <sup>3</sup> )
1946-----	3,663	3,262	1,017,546	1,434	783	1,191,553	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	5,878	( <sup>3</sup> )
1947-----	3,511	3,090	973,083	1,363	727	1,183,519	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	7,627	5

<sup>1</sup> Of 500 pounds net.  
<sup>2</sup> Based on gross weight of bale.  
<sup>3</sup> Figures for 1900.  
<sup>4</sup> 6-year average, 1895-1900.  
<sup>5</sup> Less than 500 tons.  
<sup>6</sup> Value data no longer collected.  
Source: Department of Commerce, Bureau of the Census (except as noted in head note); annual report, Cotton Production and Distribution.

## No. 788.—COTTONSEED AND COTTONSEED PRODUCTS—PRODUCTION, BY STATES: 1947

[Cottonseed production relates to preceding crop year; other data relating to 12 months ending July 31. Tons are 2,000 pounds. Bales are 500 pounds net.]

STATE	COTTONSEED		COTTONSEED PRODUCTS			
	Production	Used in mills	Oil	Meal and cake	Hulls	Linters
	1,000 tons 3, 511	1,000 tons 2, 694	1,000 pounds 973, 693	1,000 tons 1, 343	1,000 tons 727	Bales 1, 183, 619
Total.....						
Alabama.....	313	225	71, 134	97	61	70, 778
Arizona.....	65	62	19, 146	27	16	24, 726
Arkansas.....	533	405	128, 306	199	99	159, 972
California.....	185	167	55, 965	78	34	65, 568
Georgia.....	223	267	83, 723	120	63	98, 275
Louisiana.....	103	71	22, 163	31	16	25, 373
Mississippi.....	424	374	123, 278	157	91	145, 043
North Carolina.....	178	172	54, 353	79	37	68, 239
Oklahoma.....	108	97	28, 365	45	24	36, 883
South Carolina.....	261	194	61, 115	90	41	74, 028
Tennessee.....	208	331	104, 351	123	83	128, 838
Texas.....	699	633	191, 796	286	141	251, 992
All other States.....	194	92	29, 330	39	22	36, 945

Source. Department of Commerce, Bureau of the Census; annual report, Cotton Production and Distribution.

## No. 789.—ANIMAL AND VEGETABLE FATS AND OILS—PRODUCTION, CONSUMPTION, AND STOCKS: 1946 AND 1947

[Data cover factory operations only, and therefore exclude considerable quantities of lard, tallow and grease produced on farms and by local butcheries and small renderers, and quantities consumed and held in homes, hotels, restaurants, bakeries, and quantities consumed and held by painters, building contractors, garages, etc. Stocks include amounts held by and in transit to producers, factory consumers and public storages, but exclude amounts held in private storages by retailers, wholesalers and jobbers. Additional data on consumption and stocks of raw materials, such as cottonseed, copra, corn germs, flaxseed, soybeans, etc., and consumption data by process and end-use are contained in Facts for Industry Series M17-1 and M17-2]

[In thousands of pounds]

PRODUCT	1946			1947		
	Production	Consumption	Stocks, Dec. 31	Production	Consumption	Stocks, Dec. 31
<b>VEGETABLE OILS</b>						
Cottonseed, crude.....	963, 628	963, 003	97, 569	1, 117, 187	1, 107, 244	110, 827
Cottonseed, refined.....	895, 795	1, 029, 172	170, 112	1, 029, 515	975, 282	162, 965
Peanut, crude.....	101, 239	125, 179	13, 384	132, 104	155, 796	9, 785
Peanut, refined.....	108, 017	76, 633	11, 869	144, 151	98, 269	7, 636
Coconut, crude.....	349, 042	325, 682	22, 456	782, 279	830, 143	69, 654
Coconut, refined.....	150, 669	140, 303	9, 885	399, 518	344, 415	11, 823
Corn, crude.....	196, 148	199, 279	11, 172	246, 612	255, 281	6, 379
Corn, refined.....	180, 952	31, 667	6, 567	231, 498	70, 124	4, 236
Soybean, crude.....	1, 454, 339	1, 412, 160	98, 442	1, 540, 753	1, 363, 590	77, 455
Soybean, refined.....	1, 306, 213	1, 113, 092	61, 865	1, 238, 756	1, 238, 021	64, 422
Olive, edible.....	2, 312	213	4, 580	2, 761	258	987
Olive, inedible.....		943	82		360	84
Olive, sulphur oil or olive foots.....	(?)	608	297	(?)	440	340
Palm kernel, crude.....		26, 571	115		109	(?)
Palm kernel, refined.....	(?)	6, 449	101		73	(?)
Palm, crude.....		44, 533	14, 680		39, 935	23, 103
Palm, refined.....	(?)	3, 760	396	(?)	2, 969	374
Babassu, crude.....	(?)	42, 096	1, 674	(?)	16, 303	27
Babassu, refined.....	24, 361	24, 512	373	4, 135	2, 954	14
Rapeseed.....	(?)	14, 046	6, 289	(?)	11, 552	6, 331
				455, 582	604, 365	126, 499
Linseed.....	679, 990	540, 052	152, 783		86, 359	37, 777
China wood or tung.....	11, 046	28, 962	16, 647		33	21
Perilla.....		81	29	90, 514	73, 787	11, 575
Castor No. 1, crude.....	71, 580	59, 300	10, 303	26, 675	23, 484	6, 191
Castor No. 2, crude.....	19, 618	20, 732	4, 194	30, 370	30, 699	5, 983
Castor, dehydrated.....	26, 671	27, 225	4, 703		2, 155	774
Castor, sulphated.....		3, 752	499	(?)	241	196
Sesame.....		414	142		11, 632	2, 156
Oilseeds.....		20, 633	6, 392	32, 950	18, 729	7, 200
All other.....	60, 696	27, 438	4, 587			

For footnotes, see next page.

**No. 739.—ANIMAL AND VEGETABLE FATS AND OILS—PRODUCTION, CONSUMPTION, AND STOCKS: 1946 AND 1947—Continued**

[In thousands of pounds]

PRODUCT	1946			1947		
	Production	Consumption	Stocks, Dec. 31	Production	Consumption	Stocks, Dec. 31
<b>ANIMAL FATS</b>						
Lard, rendered, including neutral lard and rendered pork fat.....	1,408,271	29,172	109,892	1,781,308	114,971	166,575
Tallow, edible.....	71,572	57,440	6,544	94,985	59,244	6,333
Tallow, inedible.....	887,422	1,165,218	114,564	1,118,298	1,344,636	180,015
Neat's-foot oil.....	1,580	3,837	839	2,516	3,430	1,066
<b>FISH AND MARINE MAMMAL OILS</b>						
Cod.....	2,156	11,712	3,943	1,981	9,745	3,922
Cod liver.....	211	12,401	6,308	( <sup>2</sup> )	10,904	4,543
Other liver.....	4,576	6,648	2,392	3,966	6,268	1,337
Other fish.....	144,976	<sup>4</sup> 152,660	100,097	114,951	174,845	56,969
Marine mammal.....		13,025	4,669	137	21,303	7,808
<b>GREASES</b>						
Greases (including garbage and house) other than wool.....	511,383	511,389	57,998	548,649	536,962	96,349
Wool grease.....	19,959	17,403	6,822	22,190	21,925	7,703
<b>SECONDARY PRODUCTS</b>						
Stearin, vegetable oil, winter.....	70,420	69,839	5,662	71,563	69,966	9,169
Stearin, animal, edible.....	18,977	15,792	1,779	35,018	23,454	2,631
Stearin, animal, inedible.....	28,325	16,125	2,398	26,066	13,137	1,354
Oleo oil.....	32,759	7,860	1,698	52,385	5,643	2,501
Grease oil and lard oil.....	49,640	44,252	7,131	48,984	37,118	7,385
Tallow oil.....	32,379	12,798	3,268	10,598	11,450	2,238
Vegetable oil foots, raw and acidulated soap stock (100% fatty acid content).....	199,325	177,274	39,590	195,678	171,777	36,280
Foots from fish and marine mammal oil (100% basis).....	( <sup>5</sup> )	7,971	1,312	( <sup>5</sup> )	5,168	1,635
Animal foots (100% basis).....	26,753	30,925	696	20,565	22,747	761
Tall oil, crude.....				<sup>6</sup> 84,566	<sup>6</sup> 72,961	<sup>6</sup> 30,893
Other fatty acid stock including spent and salvaged oils and fats, palm oil, refuse, etc.....		125,680	28,151		<sup>6</sup> 6,871	<sup>6</sup> 2,773
Tall oil, refined.....				<sup>6</sup> 35,166	<sup>6</sup> 25,175	<sup>6</sup> 9,833
Vegetable oil fatty acids from foots and other than from foots including fatty acids from palm oil, refuse, etc.....	191,748	162,678	29,515	<sup>6</sup> 49,531	<sup>6</sup> 41,065	<sup>6</sup> 20,304
Fish and marine mammal fatty acid.....	33,421	10,753	2,608	34,646	6,606	1,733
Animal fat and oil fatty acids.....	249,135	246,700	10,352	156,446	158,572	<sup>7</sup> 6,992
Red oil or oleic acid.....	82,599	67,961	8,371	72,045	54,355	8,305
Stearic acid.....	64,468	56,199	8,038	60,956	58,771	7,813
<b>OTHER PRODUCTS</b>						
Glycerin, crude (100% basis).....	156,823	162,322	9,406	207,768	209,110	13,914
Glycerin, high gravity and yellow distilled (100% basis).....	64,180	73,853	15,310	91,388	88,463	17,341
Glycerin, chemically pure (100% basis).....	84,383	67,629	17,979	99,765	79,175	17,327
Hydrogenated oils, edible.....	1,015,198	959,642	30,415	1,129,484	1,103,454	29,042
Hydrogenated oils, inedible.....	171,568	170,140	12,353	229,646	231,711	7,490
Shortening.....	1,450,501	8,777	41,234	1,374,492	6,134	53,464
Winterized vegetable oils.....	298,035		19,039	444,942		18,038

<sup>1</sup> Data from peanut-oil producers were collected by U. S. Dept. of Agriculture.

<sup>2</sup> Included in "all others" to avoid disclosing operations of individual establishments. <sup>3</sup> Included in cod oil.

<sup>4</sup> Data for "other fish" consumption during 1946 indicate an excess of approximately 20,000,000 pounds over supply. This may be accounted for, in part, by duplication in consumption of 6,127,000 pounds reported once by hydrogenators and again when further processed by fat splitters and other users. Other consumption duplication involving similar cases, plus possible understatement of production, may account for the remaining discrepancy.

<sup>5</sup> Not shown to avoid disclosure of operations of individual establishments.

<sup>6</sup> Beginning July 1947, data for crude and refined tall oil were reported separately. Production and consumption data are for July 1 to Dec. 31, 1947. Not comparable with 1946 since data for tall oil includes companies not previously reporting.

<sup>7</sup> Not comparable with 1946 since three plants previously reporting fat splitting and production and consumption of fatty acids in soap are now reporting consumption of animal fats, such as inedible tallow in the manufacture of soap.

Source: Department of Commerce, Bureau of the Census; annual report, Animal and Vegetable Fats and Oils (Facts for Industry Series M17-7).



**No. 740.—COTTON (EXCLUDING LINTERS)—EXPORTS, BY COUNTRIES: 1866 TO 1947**  
 [Years ending June 30 prior to 1926; July 31 thereafter. Linters included prior to 1921]

YEARLY AVERAGE OR YEAR	Total value (thou- sands of dollars)	QUANTITY IN THOUSANDS OF BALES, EXPORTED BY THE UNITED STATES TO 1—											
		All coun- tries	Total Eu- rope	United King- dom	Ger- many	France	Italy	Spain	Bel- gium	Soviet Union <sup>3</sup>	China	Japan	Can- ada
1866-1875.....	205,285	1,983	1,972	1,433	142	227	17	56	11	83			4
1876-1885.....	200,146	3,594	3,553	2,311	336	421	54	126	28	202			21
1886-1895.....	227,678	5,121	5,020	2,951	844	536	162	192	11	146		8	64
1896-1900.....	220,557	6,465	6,163	2,968	1,523	715	367	239	122	96	5	167	96
1901-1905.....	334,256	7,097	6,769	3,090	1,812	778	431	261	159	121	3	158	113
1906-1910.....	437,582	7,860	7,506	3,243	2,180	955	485	252	130	90	( <sup>4</sup> )	183	133
1911-1915.....	537,044	9,318	8,706	3,804	2,196	1,031	648	327	164	61	16	363	163
1916-1920.....	765,515	5,920	4,972	2,796	1,421	795	514	310	56	48	9	661	211
1921-1925.....	757,255	8,062	5,132	1,806	1,294	718	557	261	172	89	53	690	174
1926-1930.....	620,753	8,251	6,527	1,857	1,970	871	716	297	206	321	193	1,206	232
1931-1935.....	370,140	7,244	4,718	1,181	1,344	666	611	277	136	47	465	1,727	210
1936.....	342,699	8,419	6,078	1,492	1,849	854	804	313	183	43	301	1,743	176
1937.....	421,406	7,534	4,987	1,278	1,818	709	649	275	121	50	375	1,846	270
1938.....	325,685	4,799	2,866	738	343	373	474	240	97	111	108	1,524	235
1939.....	383,537	5,973	4,159	1,410	765	681	390	207	157	( <sup>5</sup> )	36	1,479	248
1940.....	372,923	5,440	3,510	1,144	650	655	398	( <sup>6</sup> )	154	1	14	1,550	307
1941.....	306,586	5,598	4,364	1,552	654	716	505	1	190	( <sup>6</sup> )	23	691	246
1942.....	170,682	3,327	2,058	401	321	338	276	17	88		86	564	229
1943.....	343,944	5,192	4,243	1,905	19	724	542	270	300		406	914	412
1944.....	63,665	1,112	633	420						139	95	118	172
1945.....	94,587	1,125	632	791							13	16	218
1946.....	158,364	1,480	1,127	1,017				109					322
1947.....	127,727	1,138	815	633				179					306
1948.....	209,346	2,000	1,565	643		439		286					364
1949.....	431,401	3,613	2,161	287	6	766	500	154			691	362	310
1950.....	553,764	3,545	1,645	460	196	380	442	41	176		552	504	308

<sup>1</sup> In 500-pound bales prior to 1926; running bales thereafter.

<sup>2</sup> Includes Finland, Estonia, Latvia, and Poland prior to 1919.

<sup>3</sup> Average, 1891-95.

<sup>4</sup> Less than 500.

<sup>5</sup> 1 year only, 1920.

<sup>6</sup> In addition, 51,000 bales were exported to Kwantung, destined mainly for North China.

<sup>7</sup> Excludes value of exports by Department of the Army under Civilian Supply Program.

<sup>8</sup> Includes exports by Department of the Army under Civilian Supply Program amounting to 62,000 bales in 1945 and 60,000 bales in 1946.

Source: Dept. of Commerce, Bur. of Foreign and Domestic Commerce through April 1941, Bureau of the Census thereafter; prior to 1945, Monthly Summary of Foreign Commerce of the U. S.; thereafter Facts for Industry Series M 15-2 (except value); value from annual report, Cotton Production and Distribution.

**No. 741.—SILK AND SILK MANUFACTURES—IMPORTS AND EXPORTS: 1871 TO 1946**

[Quantity in thousands of pounds; value, except average price per pound, in thousands of dollars]

YEARLY AVERAGE OR YEAR <sup>1</sup>	UNMANUFACTURED SILK, IMPORTS <sup>2</sup>			SILK MANUFAC- TURES, VALUE		YEAR <sup>1</sup>	UNMANUFACTURED SILK, IMPORTS <sup>2</sup>			SILK MANUFAC- TURES, VALUE	
	Quan- tity	Value	Aver- age price per pound	Im- ports <sup>3</sup>	Ex- ports (exclud- ing re- exports)		Quan- tity	Value	Aver- age price per pound	Im- ports <sup>3</sup>	Ex- ports (exclud- ing re- exports)
1871-1880.....	1,340	6,390	\$4.77	27,063	53	1931.....	73,006	103,595	\$1.42	6,229	4,578
1881-1890.....	5,328	16,775	3.15	34,162	83	1932.....	60,447	72,528	1.10	6,683	5,176
1891-1900.....	9,269	26,843	2.90	29,776	268	1933.....	72,361	90,679	1.34	7,503	5,805
1901-1905.....	15,796	45,968	2.91	32,215	425	1934.....	67,541	101,163	1.54	8,561	6,905
1906-1910.....	20,281	57,414	3.32	33,725	835	1935.....	64,169	106,481	1.69	11,068	7,117
1911-1915.....	30,190	82,703	2.74	29,306	2,210	1936.....	57,050	89,252	1.56	8,272	6,064
1916-1920.....	45,641		5.16	47,121	16,735	1937.....	55,271	121,908	2.21	7,655	7,686
1921-1925.....	62,030	350,287	5.74	40,941	12,992	1938.....	47,600	125,931	2.65	6,672	6,417
1926-1930.....	86,458	374,715	4.33	36,383	17,293	1939.....	25,561	62,860	2.46	4,211	6,554
1931-1935.....	74,569	115,983	1.55	8,595	5,954	1940.....	207	166	.80	1,775	1,200
1936-1940.....	58,325	109,947	1.89	8,250	6,838	1941.....	11	7	.64	1,069	303
1941.....	81,994	266,138	3.25	18,687	14,342	1942.....	33	29	.88	1,410	203
1942.....	66,446	192,236	2.15	16,625	9,563	1943.....	1,793	2,046	1.14	2,238	259
1943.....	77,586	114,325	1.47	5,983	4,547	1944.....	16,887	102,587	6.58	7,408	2,330

<sup>1</sup> Fiscal years through 1915; calendar years thereafter.

<sup>2</sup> Includes artificial silk prior to 1911.

<sup>3</sup> General imports through 1933; imports for consumption thereafter.

<sup>4</sup> Raw silk.

Source: Dept. of Commerce, Bur. of Foreign and Domestic Commerce through April 1941, Bureau of the Census thereafter; annual report, Foreign Commerce and Navigation of the U. S.

## No. 742.—COFFEE—IMPORTS AND REEXPORTS: 1830 TO 1947

[Imports and reexports in thousands of pounds. Years ending Sept. 30, 1830 and 1840, and June 30, 1850 to 1918; thereafter, calendar years. Imports represent imports from foreign countries and from Territories and possessions into continental United States, and reexports represent exports from continental United States to foreign countries and outlying Territories and possessions. Figures represent mostly green coffee]

YEARLY AVERAGE OR YEAR	Imports	Reexports	Net imports per capita, pounds	Average import price per pound, cents	YEAR	Imports	Reexports	Net imports per capita, pounds	Average import price per pound, cents
1830.....	51,488	13,125	2.99	8.2	1924.....	1,423,758	39,213	12.23	17.5
1840.....	94,996	8,698	5.04	9.0	1925.....	1,287,601	27,833	10.97	22.3
1850.....	145,273	15,481	5.58	7.7	1926.....	1,495,517	26,629	12.61	21.6
1851-1860.....	203,190	14,710	6.78	9.0	1927.....	1,444,124	24,029	12.01	18.5
1861-1870.....	173,290	8,229	4.66	10.8	1928.....	1,460,860	19,318	12.03	21.3
1871-1880.....	331,925	7,911	7.19	14.7	1929.....	1,486,253	16,998	12.09	20.4
1881-1890.....	513,039	24,725	8.52	10.8	1930.....	1,604,701	34,138	12.76	13.1
1891-1895.....	585,270	8,792	8.61	16.8	1931.....	1,749,158	19,879	13.94	10.1
1896-1900.....	761,715	21,819	10.07	8.9	1932.....	1,508,019	23,074	11.89	9.1
1901-1905.....	983,464	40,400	11.65	7.1	1933.....	1,592,006	18,889	12.53	7.9
1906-1910.....	931,644	15,325	10.29	7.9	1934.....	1,531,136	19,039	11.97	8.8
1911-1915.....	952,906	21,494	9.65	11.5	1935.....	1,761,262	16,719	13.71	7.6
1916-1920 <sup>1</sup> .....	1,227,523	67,347	11.20	13.5	1936.....	1,746,913	15,236	13.52	7.7
1921-1925.....	1,343,579	35,268	11.73	15.4	1937.....	1,707,151	15,869	13.13	8.9
1926-1930.....	1,498,291	24,222	12.30	18.9	1938.....	1,990,814	13,264	15.23	6.9
1931-1935.....	1,628,316	19,520	12.81	8.7	1939.....	2,020,671	25,525	15.24	6.9
1936-1940.....	1,905,417	17,774	14.52	7.3	1940.....	2,061,538	18,976	15.48	6.2
1918.....	1,145,956	65,598	10.43	9.0	1941.....	2,260,241	14,510	15.72	7.9
1918 (6 mos.).....	438,472	23,621	-----	10.0	1942.....	1,722,874	8,238	13.77	12.0
1919.....	1,341,306	93,021	11.89	19.5	1943.....	2,198,311	10,192	12.55	12.4
1920.....	1,299,743	54,846	11.68	19.5	1944.....	2,608,683	8,218	16.31	12.5
1921.....	1,345,367	41,821	12.05	10.7	1945.....	2,716,483	20,389	16.76	12.7
1922.....	1,248,938	35,576	11.04	12.9	1946.....	2,735,807	74,114	19.39	17.2
1923.....	1,412,233	31,899	12.38	13.5	1947.....	2,499,555	62,301	17.81	23.9

<sup>1</sup> Overvalued, due to depreciation of Brazilian paper milreis.

<sup>2</sup> Average, July 1, 1915, to Dec. 31, 1920.

<sup>3</sup> Represents civilian consumption per capita, calculation of which excludes amounts allotted to the military population and takes into account changes in stocks. Net imports per capita, including civilian population, and military population in the U. S. and abroad, were as follows: 1941, 16.86 pounds; 1942, 12.73; 1943, 16.03; 1944, 18.22; 1945, 19.31; 1946, 19.10 and 1947, 17.30. Stocks at end of year were: 1940, 467,198,832 pounds; 1941, 552,649,128; 1942, 197,488,068; 1943, 466,008,348; 1944, 550,003,608; 1945, 548,151,744; 1946, 511,908,120 and 1947, 456,352,200. Annual amounts accepted by the military were: 1941, 92,000,000 pounds; 1942, 267,000,000; 1943, 320,000,000; 1944, 451,000,000; 1945, 563,000,000; 1946, 15,000,000 and 1947, 3,500,000.

## No. 743.—TEA—NET IMPORTS: 1830 TO 1947

[Quantity, except per capita, in thousands of pounds; value in thousands of dollars; per capita in pounds. Years ending June 30 through 1918; thereafter, calendar years. Beginning 1919, data relate to trade of continental United States only (see headnote, table 742); prior to that time the small trade between the United States and noncontiguous territories is not included]

YEARLY AVERAGE OR YEAR	Quantity	Value	Per capita	YEARLY AVERAGE OR YEAR	Quantity	Value	Per capita	YEAR	Quantity	Value	Per capita
1830.....	6,873	1,532	0.54	1916-1920 <sup>1</sup> .....	106,988	22,528	1.03	1936.....	80,691	17,533	0.63
1840.....	16,883	4,067	.99	1921-1925.....	92,230	24,658	.83	1937.....	93,246	20,981	.72
1850.....	28,200	3,982	1.21	1926-1930.....	88,654	26,604	.74	1938.....	80,581	18,053	.63
1851-1860.....	21,028	5,361	.76	1931-1935.....	86,892	15,359	.69	1939.....	96,532	20,671	.74
1861-1870.....	32,394	8,969	.91	1936-1940.....	89,558	19,858	.69	1940.....	96,740	22,054	.73
1871-1880.....	59,536	18,550	1.32	1929.....	88,247	25,444	.73	1941.....	101,768	27,142	1.79
1881-1890.....	76,534	15,071	1.34	1930.....	83,773	22,214	.68	1942.....	47,703	17,271	1.52
1891-1895.....	89,675	13,689	1.34	1931.....	85,807	18,455	.69	1943.....	84,247	25,066	1.53
1896-1900.....	86,217	11,357	1.17	1932.....	93,857	12,225	.75	1944.....	89,100	29,472	1.56
1901-1905.....	95,814	13,849	1.18	1933.....	95,705	13,485	.76	1945.....	82,788	28,685	1.52
1906-1910.....	93,595	15,211	1.05	1934.....	73,979	15,776	.59	1946.....	91,502	31,981	1.53
1911-1915.....	95,237	17,189	.99	1935.....	85,110	16,854	.67	1947.....	60,495	23,559	1.58

<sup>1</sup> Average for period July 1, 1915 to Dec. 31, 1920.

<sup>2</sup> Represents civilian consumption per capita, calculation of which excludes amounts allotted to the military population and takes into account changes in stocks. Net imports per capita, including the civilian population and the military population in the U. S. and abroad, were as follows: 1941, .76 pounds; 1942, .35; 1943, .62; 1944, .65; 1945, .59; 1946, .52 and 1947, .56. Stocks at end of year were: 1940, 51,155,000 pounds; 1941, 48,631,000; 1942, 22,194,000; 1943, 23,294,000; 1944, 35,669,000; 1945, 35,449,000; 1946, 52,834,000 and 1947, 32,297,000. Annual amounts accepted by military were: 1942, 6,000,000 pounds; 1943, 15,000,000; 1944, 6,000,000; 1945, 13,000,000; 1946, 900,000 and 1947, 32,000.

Source of tables 742 and 743: Dept. of Commerce, Bureau of Foreign and Domestic Commerce through April 1941, Bureau of the Census thereafter; compiled from data in annual report, Foreign Commerce and Navigation, and from data on shipments to and from Territories and possessions.

## No. 744.—COCOA AND CHOCOLATE—IMPORTS: 1871 TO 1946

[Quantity in thousands of pounds; value in thousands of dollars. Figures represent general imports through 1932; imports for consumption thereafter]

YEARLY AVERAGE OR YEAR <sup>1</sup>	COCOA OR CACAO BEANS AND CHOC- OLATE <sup>2</sup>		YEAR <sup>1</sup>	COCOA OR CACAO BEANS AND CHOC- OLATE <sup>2</sup>		YEAR <sup>1</sup>	COCOA OR CACAO BEANS AND CHOC- OLATE <sup>2</sup>	
	Quantity	Value		Quantity	Value		Quantity	Value
1871-1880 <sup>2</sup> .....	5,132	706	1925.....	387,108	39,412	1936.....	635,414	83,517
1881-1890.....	13,504	1,891	1926.....	433,117	44,227	1937.....	622,823	82,935
1891-1900.....	29,408	4,120	1927.....	431,049	58,291	1938.....	456,796	20,704
1901-1905.....	63,600	8,260	1928.....	388,635	49,216	1939.....	668,224	28,230
1906-1910.....	102,304	13,418	1929.....	515,571	51,271	1940.....	730,753	32,431
1911-1915.....	161,473	19,002	1930.....	378,320	32,214	1941.....	663,079	39,110
1916-1920.....	346,623	45,480	1931.....	420,260	23,853	1942.....	239,940	18,582
1921-1925.....	367,907	32,019	1932.....	483,490	20,093	1943.....	582,885	40,733
1926-1930.....	429,338	47,044	1933.....	478,800	19,104	1944.....	690,432	47,646
1931-1935.....	487,401	21,951	1934.....	444,792	19,752	1945.....	637,306	49,037
1936-1940.....	622,802	33,563	1935.....	609,665	26,952	1946.....	605,238	58,531

<sup>1</sup> Fiscal years through 1915; calendar years thereafter.

<sup>2</sup> Includes prepared except confectionery.

<sup>3</sup> Includes 3-year average for quantity of chocolate and 9-year average for its value.

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941, Bureau of the Census thereafter; annual report, Foreign Commerce and Navigation of the U. S.

## No. 745.—WHEAT GROUND AND WHEAT FLOUR PRODUCTION: 1944 TO 1947

Excludes production of custom mills and small merchant mills. Mills included account for 95% or more of total wheat flour production]

STATE	WHEAT GROUND (1,000 BU.)				WHEAT FLOUR PRODUCTION (1,000 SACKS OF 100 LBS.)			
	1944	1945	1946	1947 <sup>1</sup>	1944	1945	1946	1947 <sup>1</sup>
United States.....	548,237	629,822	612,006	694,747	236,369	269,804	273,197	302,429
California.....	10,677	11,220	9,599	10,816	4,725	4,945	4,403	4,845
Colorado.....	6,956	9,821	10,089	12,587	3,063	4,266	4,583	5,576
Georgia.....	1,450	1,668	1,411	1,626	611	701	609	693
Idaho.....	3,406	4,272	4,957	( <sup>2</sup> )	1,486	1,867	2,248	( <sup>2</sup> )
Illinois.....	30,785	34,508	28,533	32,623	13,270	14,741	12,649	14,099
Indiana.....	8,079	8,862	9,877	10,167	3,404	3,671	4,306	4,246
Iowa.....	9,676	10,499	10,133	( <sup>2</sup> )	4,111	4,407	4,463	( <sup>2</sup> )
Kansas.....	86,069	94,731	99,006	119,044	36,926	40,429	43,883	51,920
Kentucky.....	8,228	8,498	8,333	( <sup>2</sup> )	3,432	3,545	3,637	( <sup>2</sup> )
Maryland.....	2,289	3,338	3,234	( <sup>2</sup> )	963	1,424	1,431	( <sup>2</sup> )
Michigan.....	7,969	9,652	9,765	10,358	3,308	4,065	4,381	4,457
Minnesota.....	67,043	81,435	75,543	90,300	29,126	35,139	33,910	39,319
Missouri.....	44,060	53,471	51,809	62,520	18,925	22,850	23,020	27,272
Montana.....	6,714	7,880	9,164	9,619	2,947	3,426	4,121	4,174
Nebraska.....	14,641	17,299	16,544	19,668	6,237	7,327	7,379	8,517
New York.....	67,872	73,166	74,304	73,968	29,891	32,028	33,455	32,498
North Carolina.....	3,575	4,129	3,858	( <sup>2</sup> )	1,501	1,700	1,702	( <sup>2</sup> )
North Dakota.....	7,388	9,765	9,396	11,102	3,143	4,089	4,198	4,766
Ohio.....	21,627	23,009	21,078	21,876	9,211	9,701	9,377	9,259
Oklahoma.....	25,213	28,003	27,310	32,746	10,870	12,037	12,170	14,302
Oregon.....	15,014	17,269	15,548	16,743	6,638	7,617	7,095	7,472
Pennsylvania.....	3,537	4,865	5,378	( <sup>2</sup> )	1,464	2,021	2,338	( <sup>2</sup> )
South Carolina.....	568	748	789	( <sup>2</sup> )	235	310	335	( <sup>2</sup> )
Tennessee.....	9,601	10,499	9,637	( <sup>2</sup> )	3,990	4,250	4,166	( <sup>2</sup> )
Texas.....	35,216	44,905	42,921	50,247	14,897	18,888	19,067	21,772
Utah.....	6,528	7,548	7,199	8,113	2,901	3,344	3,292	3,601
Virginia.....	6,601	7,981	7,605	( <sup>2</sup> )	2,772	3,319	3,338	( <sup>2</sup> )
Washington.....	27,746	30,266	28,442	28,583	12,192	13,216	12,854	12,638
West Virginia.....	521	690	742	( <sup>2</sup> )	213	282	326	( <sup>2</sup> )
Wisconsin.....	4,861	4,694	4,588	5,345	2,110	2,022	2,101	2,413
Other States.....	4,308	5,131	5,215	66,696	1,807	2,177	2,340	28,590

<sup>1</sup> Preliminary.

<sup>2</sup> Included in "Other States".

Source: Department of Commerce, Bureau of the Census. Published monthly in Facts for Industry Series M16A.

## No. 746.—CORN, RICE, FLAXSEED, AND TOBACCO—EXPORTS AND IMPORTS: 1852 TO 1947

(Corn and flaxseed in thousands of bushels of 56 pounds; rice and tobacco in thousands of pounds)

YEARLY AVERAGE OR YEAR ENDING JUNE 30—	CORN <sup>1</sup>		RICE <sup>2</sup>		FLAXSEED		UNMANUFACTURED TOBACCO	
	Exports <sup>3</sup>	Imports <sup>4</sup>	Exports <sup>5</sup>	Imports <sup>6</sup>	Exports <sup>7</sup>	Imports <sup>8</sup>	Exports <sup>9</sup>	Imports <sup>10</sup>
1852-1856.....	7,123		56,515		11	1,133	140,184	5,044
1857-1861.....	6,538	48	65,722		7	2,730	167,711	7,154
1862-1866.....	12,080	56	2,258	70,893	10	1,087	140,208	4,132
1867-1871.....	9,924	75	1,857	52,954	(7)	2,018	104,754	5,631
1872-1876.....	38,581	87	391	72,526	(7)	2,915	241,848	8,896
1877-1881.....	88,190	42	602	62,615	(7)	1,224	266,315	7,871
1882-1886.....	49,992	34	567	99,871	(7)	1,541	237,942	13,673
1887-1891.....	54,606	15	3,210	156,800	18 66	1,833	259,248	21,640
1892-1896.....	63,980	8	10,278	180,808	1,516	1,182	281,746	25,871
1897-1901.....	192,531	4	18,407	165,232	2,660	404	304,402	16,958
1902-1906.....	74,615	20	45,678	150,914	2,950	334	325,539	33,806
1907-1911.....	55,508	92	27,195	215,892	2,313	3,249	334,396	42,823
1912-1916.....	38,774	5,686	60,043	248,775	67	9,227	408,006	55,556
1917-1921.....	45,296	4,950	299,021	262,514	13	14,750	496,924	74,695
1922-1926.....	66,759	1,148	260,030	74,178	(7)	18,196	496,665	66,470
1927-1931.....	18,941	1,869	315,474	43,734	(7)	18,659	552,707	78,394
1932-1936.....	4,170	10,507	184,457	41,448	(7)	13,737	418,195	62,974
1937-1941.....	45,726	23,018	286,640	86,080	(7)	17,422	374,397	74,396
1942.....	20,221	610	465,400	11,019	(7)	23,232	279,005	70,970
1943.....	9,062	490	450,098	9,097	1,695	6,330	281,942	81,412
1944.....	10,929	158	512,481	5,676	16,016	16,802	336,926	71,240
1945.....	15,769	9,606	526,152	395	6,716	6,066	445,826	76,647
1946.....	13,601	412	727,799	9,919	26,977	3,429	535,879	76,076
1947.....	76,029	634	847,390	3,584	12,349	1,353	592,015	92,408

<sup>1</sup> Exports include meal in terms of grain (4 bushels of corn to 1 barrel of meal).<sup>2</sup> Includes flour, meal, etc.<sup>3</sup> Excluding reexports.<sup>4</sup> Imports for consumption, beginning 1933; general imports prior thereto.<sup>5</sup> 1858-61; no data for 1857.<sup>6</sup> 1867 only; not required 1858-61.<sup>7</sup> Less than 500.<sup>8</sup> 1867 and 1868, not reported 1869-71.<sup>9</sup> Not reported separately.<sup>10</sup> 3-year average; not shown separately for other years.

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941, Bureau of Census, thereafter; data published currently in Foreign Agricultural Trade, issued by Dept. of Agriculture, Office of Foreign Agricultural Relations.

## No. 747.—WHEAT—SUPPLY, DISTRIBUTION, AND DISAPPEARANCE, IN CONTINENTAL UNITED STATES: 1926 TO 1946

(All figures, except per capita, in thousands of bushels; pounds per bushel, 60. For years beginning July 1)

ITEM	1926- 1930, average	1931- 1935, average	1936- 1940, average	1941- 1945, average	1943	1944	1945	1946
Supply, total.....	1,034,028	987,798	965,030	1,467,682	1,596,726	1,418,741	1,389,362	1,253,184
Stocks, July 1, total.....	167,405	296,859	181,289	446,028	618,897	316,555	279,180	100,068
On farms.....	35,258	63,697	58,311	126,059	189,574	103,622	87,703	41,606
Interior mills, elevators, warehouses.....	34,453	42,924	27,340	78,484	103,804	30,332	42,129	8,376
Commercial stocks <sup>1</sup> .....	55,111	119,717	40,941	135,872	162,151	82,912	67,185	29,917
Merchant mills <sup>2</sup> .....	42,593	70,621	54,697	81,717	104,378	67,308	58,463	12,638
C. C. C. wheat in transit and in steel and wood bins.....				23,896	58,990	32,351	23,700	7,361
New crop.....	865,470	660,868	795,912	984,700	843,813	1,090,111	1,108,224	1,153,046
Imports (flour included) <sup>3</sup> .....	153	10,071	7,829	36,954	136,016	42,075	1,958	50
Disappearance, total.....	828,512	725,354	750,946	1,074,583	1,292,171	1,139,561	1,289,274	1,169,561
Food.....	(4)	471,446	477,667	521,308	543,075	542,472	496,126	492,300
Feed.....	(4)	129,735	128,500	295,291	488,014	281,116	299,426	189,467
Other.....	(4)	124,173	144,879	261,984	251,082	315,973	493,722	487,794
Stocks, June 30 <sup>4</sup> .....	210,516	262,444	234,064	389,099	316,555	279,180	100,068	82,628
Per capita disappearance as (bu.).....	(4)	3.74	3.64	3.77	3.93	3.88	3.51	3.43

<sup>1</sup> Prior to 1937 some new wheat included, thereafter only old-crop wheat.<sup>2</sup> Estimated total based upon Bureau of Census report of item. "In mills and mill elevators attached to mills," 1926-44.<sup>3</sup> Imports include full duty wheat, wheat imported for feed and dutiable flour in terms of wheat.<sup>4</sup> Not available prior to 1930.<sup>5</sup> For individual items see supply, above.

Source: Department of Agriculture, Bureau of Agricultural Economics, except for imports which are from Bureau of Foreign and Domestic Commerce through April 1941 and from Bureau of Census thereafter. Published in annual report, Agricultural Statistics, and in The Wheat Situation.

## No. 748.—WHEAT—EXPORTS AND IMPORTS: 1852 TO 1947

[Pounds per bushel of wheat, 60; per barrel of wheat flour, 196]

YEARLY AVER- AGE OR YEAR ENDING JUNE 30—	EXPORTS (EXCL. RE- EXPORTS)			Im- ports— wheat and flour <sup>1</sup>	YEARLY AVER- AGE OR YEAR ENDING JUNE 30—	EXPORTS (EXCL. RE- EXPORTS)			Im- ports— wheat and flour <sup>1</sup>
	Wheat (grain)	Wheat flour	Wheat and flour <sup>2</sup>			Wheat (grain)	Wheat flour	Wheat and flour <sup>2</sup>	
	1,000 bushels	1,000 barrels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 barrels	1,000 bushels	1,000 bushels
1852-1856.....	4,715	2,892	19,173	4,178	1937-1941.....	41,189	5,879	67,879	16,512
1857-1861.....	12,378	3,318	29,970	6,979	1932.....	96,521	8,357	135,799	12,896
1862-1866.....	23,530	3,531	40,184	4,726	1933.....	20,887	4,334	41,211	9,380
1867-1871.....	22,107	2,585	35,032	1,818	1934.....	18,800	3,873	37,002	11,494
1872-1876.....	48,668	3,416	66,677	1,680	1935.....	3,019	3,939	21,532	25,134
1877-1881.....	107,781	5,376	133,263	946	1936.....	311	3,323	15,929	46,638
1882-1886.....	82,884	8,620	121,475	517	1937.....	3,166	3,918	21,564	47,924
1887-1891.....	64,739	11,287	115,529	352	1938.....	83,740	4,990	107,194	2,561
1892-1896.....	99,914	15,713	170,624	1,634	1939.....	64,589	6,637	116,764	9,623
1897-1901.....	120,247	17,151	197,427	1,280	1940.....	23,636	6,519	54,274	10,430
1902-1906.....	70,527	15,444	140,026	993	1941.....	10,810	6,329	40,557	11,024
1907-1911.....	62,855	11,841	116,138	706	1942.....	12,632	4,986	36,064	15,576
1912-1916.....	129,415	13,185	188,748	2,996	1943.....	6,555	5,712	33,401	8,752
1917-1921.....	155,648	19,167	241,899	26,064	1944.....	11,942	8,342	51,149	147,256
1922-1926.....	140,149	14,274	207,237	17,473	1945.....	19,010	8,265	57,811	61,661
1927-1931.....	114,781	12,783	174,766	18,491	1946.....	226,135	20,717	323,606	13,624
1932-1936.....	27,908	4,763	50,295	21,106	1947.....	144,029	36,313	314,702	2,941

<sup>1</sup> Flour converted to grain at rate of 5 bushels to a barrel, 1862 to 1879; 4 1/4, 1880 to 1921; 4 7/8 thereafter.<sup>2</sup> Imports for consumption beginning 1933; general imports prior thereto.<sup>3</sup> 1862-63; no data for 1866.

Source: Department of Commerce. See source note, table 746, p. 684.

No. 749.—CORN, WHEAT, AND OATS—COMMERCIAL STOCKS, BY MONTHS:  
1938-39 TO 1946-47

[In thousands of bushels. Pounds per bushel: Wheat, 60; corn, 56; oats, 32. Represents domestic grain in store in public and private elevators at terminal markets and afloat in vessels or barges in harbors of lake and seaboard ports; excludes grain in transit, stocks in mills or elevators attached to mills, or private stocks intended for local use. Stocks are as reported on Saturday nearest first of each month.]

YEAR	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
CORN												
1938-1939.....	9,890	23,081	46,645	52,644	50,889	47,489	43,745	39,262	34,668	30,680	23,145	14,192
1939-1940.....	14,947	27,541	38,202	45,851	42,307	40,575	39,704	34,142	24,726	25,419	28,354	28,119
1940-1941.....	41,179	59,314	65,489	70,067	70,278	70,142	71,390	65,463	60,959	53,102	43,701	40,099
1941-1942.....	39,137	40,135	39,635	47,946	50,311	59,884	60,973	63,363	64,406	57,012	49,747	43,697
1942-1943.....	38,641	39,969	40,734	43,407	42,829	48,769	42,326	29,474	24,173	9,663	6,427	8,647
1943-1944.....	7,452	9,262	12,166	11,321	17,729	21,860	14,110	9,408	7,696	11,819	12,392	10,296
1944-1945.....	7,479	5,321	13,882	11,608	19,591	22,487	20,872	17,886	16,132	11,208	8,065	3,714
1945-1946.....	4,674	4,723	7,780	11,127	16,493	26,886	23,608	19,511	29,171	15,904	11,664	11,768
1946-1947.....	4,944	4,076	14,768	27,870	31,667	34,505	37,867	29,112	16,272	11,233	11,841	7,675
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
WHEAT												
1938-1939.....	28,833	96,399	183,725	139,273	141,914	136,204	128,748	108,936	95,474	82,687	74,831	64,178
1939-1940.....	61,334	149,372	166,269	161,987	161,016	141,986	132,842	119,001	110,761	103,401	105,695	97,714
1940-1941.....	87,328	160,150	180,052	188,523	176,390	166,587	169,776	161,088	162,508	141,997	139,119	136,513
1941-1942.....	151,896	246,702	274,629	284,920	280,368	276,269	270,835	258,570	249,691	237,777	229,407	221,906
1942-1943.....	227,505	261,422	266,149	269,290	266,658	259,487	248,160	230,639	214,954	212,131	194,063	173,067
1943-1944.....	175,218	221,127	220,348	199,592	178,641	147,994	136,264	121,229	115,870	123,700	123,307	95,640
1944-1945.....	93,723	170,786	200,736	199,475	188,790	168,705	152,043	133,905	117,440	99,644	77,361	64,818
1945-1946.....	76,054	114,648	167,539	170,305	147,301	121,712	102,130	72,362	50,011	34,317	17,849	30,126
1946-1947.....	58,204	90,253	98,963	103,505	98,392	85,512	86,356	48,432	44,745	32,838	24,440	16,780
OATS												
1938-1939.....	6,825	6,837	20,597	22,026	22,609	17,676	16,919	16,545	14,649	12,601	10,312	6,794
1939-1940.....	5,695	5,551	14,681	16,104	14,552	13,199	12,054	8,979	7,897	7,539	6,304	4,619
1940-1941.....	3,130	2,769	8,395	9,135	7,093	6,684	6,592	5,604	4,745	4,077	4,473	4,571
1941-1942.....	3,906	7,328	11,771	13,427	11,592	11,030	9,473	8,625	7,483	5,893	4,642	3,776
1942-1943.....	2,109	2,191	5,132	10,123	12,106	10,451	9,534	7,649	7,608	6,182	5,107	8,760
1943-1944.....	7,746	7,114	13,100	16,407	18,652	18,626	15,893	13,805	10,029	5,438	6,747	8,031
1944-1945.....	6,547	4,440	13,213	17,328	17,486	16,674	14,982	13,062	12,837	8,597	12,381	11,181
1945-1946.....	9,604	9,952	24,651	43,555	48,361	45,043	46,695	38,775	28,921	23,890	14,234	6,576
1946-1947.....	2,153	7,181	16,060	20,319	19,669	14,185	9,189	7,260	6,162	6,321	5,390	4,607

Source: Department of Agriculture, Production and Marketing Administration; Commercial Grain Stocks (annual summary).



## No. 750.—WHEAT, CORN, AND OATS—RECEIPTS AT PRIMARY MARKETS, BY CROP YEARS: 1933 TO 1946

(In thousands of bushels. Pounds per bushel: Wheat, 60; corn, 56; oats, 32)

YEAR BEGINNING—	Total 12 mar- kets	Chi- cago	Mil- wau- kee	Min- neap- olis	Du- luth	St. Louis	Kan- sas City	Pe- oria	Oma- ha	In- dian- apolis	Stour City	St. Jo- seph	Wich- ita
<b>WHEAT</b>													
July 1:													
1933.....	200,226	13,735	2,980	49,447	37,580	17,798	38,887	1,389	13,259	4,211	1,477	5,570	13,896
1934.....	157,481	22,854	3,742	37,887	17,037	14,825	28,165	1,539	10,721	4,659	1,189	4,172	10,691
1935.....	232,071	22,539	4,138	67,356	20,070	16,355	53,798	1,434	15,109	4,707	2,182	6,488	17,875
1936.....	218,155	24,095	3,623	38,299	11,109	16,340	65,006	2,379	19,906	3,946	1,729	7,692	24,019
1937.....	329,633	39,412	6,534	53,244	33,145	25,176	102,996	2,245	22,541	3,782	2,411	12,880	34,178
1938.....	384,263	29,403	8,978	84,800	57,573	23,290	110,541	2,647	24,571	3,717	3,081	11,608	29,156
1939.....	339,804	26,352	4,486	105,331	58,506	24,599	65,436	2,280	15,428	5,814	2,359	8,945	20,531
1940.....	355,985	28,314	4,647	103,116	42,912	25,471	90,017	2,957	16,775	5,287	2,616	9,210	24,562
1941.....	372,975	19,870	1,202	140,387	70,233	14,717	66,633	3,640	17,842	5,161	5,417	7,699	20,074
1942.....	513,518	29,948	1,839	182,802	70,881	45,273	98,125	8,936	22,750	9,765	7,228	12,224	23,752
1943.....	707,788	70,633	8,947	214,770	110,460	79,009	110,110	17,619	34,484	17,506	7,098	15,130	22,022
1944.....	646,101	41,178	3,592	140,252	125,574	44,519	104,931	9,606	18,602	9,930	4,881	13,320	29,657
1945.....	575,527	23,383	5,375	119,747	146,874	27,895	135,354	5,045	36,797	12,623	6,834	17,262	28,335
1946.....	512,020	21,992	3,666	133,868	90,332	18,518	140,281	4,726	40,016	7,363	6,107	16,084	29,057
<b>CORN</b>													
Oct. 1:													
1933.....	217,219	70,205	12,746	19,477	5,758	14,768	22,946	16,831	20,162	17,842	3,854	10,527	2,053
1934.....	104,966	26,200	5,193	3,950	85	10,612	20,574	13,152	5,869	13,417	1,794	3,255	283
1935.....	194,152	60,316	8,593	11,580	2,811	19,207	19,399	20,686	18,655	24,113	4,786	5,678	835
1936.....	131,830	54,171	3,498	4,721	378	17,446	8,717	14,626	10,758	12,127	3,232	1,980	196
1937.....	322,050	122,062	10,643	30,600	29,374	36,358	14,018	27,474	18,211	20,438	6,932	5,716	224
1938.....	231,856	94,144	8,692	19,218	14,144	13,629	11,779	22,938	16,434	21,184	5,498	4,167	49
1939.....	238,012	94,382	10,904	20,392	12,845	14,284	13,324	20,570	22,379	18,786	4,890	5,178	69
1940.....	257,852	103,494	10,629	18,753	18,816	12,125	11,989	32,971	13,044	25,149	5,839	5,205	48
1941.....	307,499	97,035	11,097	20,488	18,444	22,377	29,013	43,381	24,321	25,047	9,265	7,011	.....
1942.....	317,699	104,199	9,726	13,297	5,719	31,834	32,724	39,002	35,519	20,681	14,391	10,591	16
1943.....	253,147	87,220	8,125	9,650	300	30,472	29,954	29,907	28,920	14,455	4,019	10,010	106
1944.....	392,350	105,219	9,970	30,072	6,067	47,894	50,375	33,818	50,283	24,340	17,589	16,570	156
1945.....	271,657	100,046	8,523	19,742	691	17,476	22,379	28,800	33,145	23,249	15,228	7,289	27
1946.....	447,212	165,204	11,190	25,367	4,462	35,846	46,620	44,529	52,542	30,524	17,706	13,230	2
<b>OATS</b>													
July 1:													
1933.....	76,996	19,518	5,329	16,864	9,196	6,156	2,197	4,062	1,787	7,732	473	3,789	178
1934.....	40,634	10,758	2,220	7,678	1,700	5,114	1,928	972	2,627	3,347	776	3,286	228
1935.....	113,061	24,471	1,897	32,781	17,126	7,431	4,782	3,211	8,711	4,947	1,589	6,062	62
1936.....	68,019	17,614	608	15,047	1,272	8,001	2,482	2,164	5,168	5,617	2,248	4,660	139
1937.....	98,390	27,319	1,614	22,711	12,639	4,958	3,306	4,411	5,347	9,264	1,066	3,709	46
1938.....	92,697	27,523	1,018	20,204	16,006	4,243	3,850	2,689	5,066	7,206	1,325	4,762	4
1939.....	78,147	17,321	686	26,974	12,283	3,975	1,444	3,760	3,298	3,450	1,694	3,203	53
1940.....	81,367	17,699	419	21,963	3,514	2,830	1,508	2,425	1,122	5,170	1,189	3,545	8
1941.....	91,943	22,440	900	37,050	2,118	3,478	3,846	2,266	4,781	6,608	2,198	4,196	.....
1942.....	117,545	18,939	225	33,188	3,339	7,467	6,758	2,617	6,613	4,356	5,916	5,618	.....
1943.....	134,738	17,765	396	52,144	13,695	10,439	7,018	3,505	6,863	4,318	6,529	5,640	226
1944.....	134,120	22,181	1,114	57,803	15,585	6,234	3,676	2,462	8,402	2,253	7,040	5,536	54
1945.....	219,135	37,335	4,850	80,297	28,434	9,901	10,051	4,827	13,373	5,151	18,359	6,374	63
1946.....	196,960	44,579	3,927	69,757	15,594	11,057	10,662	3,890	10,104	6,280	15,144	6,066	.....

Source: Department of Agriculture, Bureau of Agricultural Economics. Compiled from Chicago Daily Trade Bulletin through May 1942; Chicago Journal of Commerce beginning June 1942.



# No. 751.—GRAIN PRICES—AVERAGE MARKET PRICES, BY KIND, BY MARKET: 1909 TO 1946

[Weighted average market price per bushel of reported cash sales]

YEARLY AVERAGE OR CROP YEAR BEGINNING—	Wheat, July-June			Corn, Nov.-Oct.		Oats, Aug.-July		Barley, Aug.-July	Rye, July-June	Flaxseed, Aug.-July <sup>1</sup>	Kafir, Nov.-Oct. <sup>2</sup>
	No. 1, Dark Northern Spring, Minneapolis	No. 2, Hard Winter, Kansas City	No. 2, Red Winter, Chicago	No. 3, Yellow, Chicago	No. 3, Yellow, Kansas City	No. 3, White, Chicago	No. 3, White, Minneapolis	No. 2, Minneapolis <sup>3</sup>	No. 2, Minneapolis	No. 1, Minneapolis	No. 2, White, Kansas City
1909-1913.....	\$0.99	\$0.95	\$0.99	\$0.61	\$0.60	\$0.40	\$0.38	\$0.64	\$0.70	\$1.91	\$1.34
1914-1920.....	1.90	1.70	1.83	1.15	1.12	.60	.58	1.02	1.43	3.03	2.17
1921-1925.....	1.44	1.27	1.33	.79	.78	.42	.38	.65	.87	2.47	1.52
1926-1930.....	1.26	1.16	1.26	.85	.79	.44	.42	.65	.88	2.32	1.31
1931-1935.....	.93	.78	.78	.57	.57	.31	.32	.66	.57	1.61	1.06
1934.....	1.16	.98	.98	.86	.91	.46	.52	1.05	.81	1.90	1.59
1935.....	1.26	1.05	.92	.75	.72	.30	.28	.68	.50	1.73	1.36
1936.....	1.47	1.21	1.12	1.18	1.19	.46	.45	1.20	.97	2.14	1.57
1937.....	1.28	1.11	1.20	.56	.55	.30	.29	.78	.74	2.07	.85
1938.....	.79	.70	.70	.49	.48	.28	.27	.53	.44	1.78	.82
1939.....	.97	.74	.76	.56	.58	.37	.33	.55	.56	1.65	1.11
1940.....	.90	.82	.86	.67	.59	.36	.30	.52	.51	1.65	.93
1941.....	1.10	1.12	1.12	.80	.78	.49	.46	.79	.65	2.11	1.19
1942.....	1.29	1.26	1.36	.94	.90	.54	.50	.92	.73	2.58	1.85
1943.....	1.55	1.45	1.67	1.14	1.13	.76	.74	1.29	1.08	3.05	2.27
1944.....	1.59	1.56	1.58	1.15	1.10	.71	.67	1.30	1.22	3.10	2.01
1945.....	1.71	1.60	1.68	1.92	1.67	.67	.67	1.31	1.72	3.14	2.42
1946.....	2.34	2.09	2.09	1.84	1.54	.92	.85	1.78	2.55	4.82	2.91

<sup>1</sup> Average closing price through December 1920.<sup>2</sup> Special No. 2, 1929-33; No. 2 Malting, thereafter.<sup>3</sup> Price per 100 pounds.<sup>4</sup> No. 1 Northern Spring.

Source: Dept. of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics, and records.

# No. 752.—AVERAGE PRICES RECEIVED BY FARMERS FOR SPECIFIED CROPS: 1944 TO 1947

[Prices for wheat, corn, oats, and potatoes are in cents per bushel; for cotton in cents per pound; and for hay in dollars per ton. For season average prices for all crops, except hay, see table 707, p. 650]

PRODUCT	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15
<b>Wheat:</b>												
1944.....	146.0	146.0	146.0	147.0	147.0	143.0	139.0	135.0	135.0	142.0	143.0	145.0
1945.....	146.0	147.0	148.0	149.0	149.0	150.0	146.0	145.0	145.0	151.0	153.0	154.0
1946.....	154.0	155.0	158.0	158.0	170.0	174.0	187.0	178.0	179.0	188.0	189.0	193.0
1947.....	191.0	199.0	244.0	240.0	239.0	218.0	214.0	210.0	243.0	266.0	274.0	279.0
<b>Corn:</b>												
1944.....	113.0	113.0	114.0	115.0	115.0	115.0	117.0	117.0	116.0	113.0	106.0	106.0
1945.....	107.0	106.0	107.0	107.0	108.0	111.0	112.0	113.0	112.0	113.0	111.0	109.0
1946.....	110.0	111.0	114.0	116.0	135.0	142.0	196.0	180.0	173.0	169.0	127.0	122.0
1947.....	121.0	123.0	150.0	163.0	159.0	185.0	201.0	219.0	240.0	223.0	219.0	237.0
<b>Oats:</b>												
1944.....	77.5	78.6	79.3	79.4	79.9	78.8	76.4	70.8	64.2	65.9	66.2	69.4
1945.....	72.1	73.3	74.0	71.0	68.9	67.4	65.9	58.9	58.3	62.8	67.9	70.3
1946.....	71.7	73.1	75.1	76.1	79.5	80.9	84.7	73.4	74.7	79.9	78.2	80.8
1947.....	79.6	79.7	89.0	87.5	88.8	91.5	92.2	94.8	106.0	109.0	109.0	118.0
<b>Potatoes:</b>												
1944.....	141.0	139.0	137.0	135.0	132.0	126.0	139.0	157.0	147.0	141.0	143.0	150.0
1945.....	157.0	164.0	173.0	175.0	178.0	179.0	182.0	166.0	137.0	126.0	131.0	136.0
1946.....	145.0	145.0	158.0	160.0	153.0	144.0	143.0	143.0	127.0	122.0	123.0	126.0
1947.....	128.0	131.0	139.0	147.0	153.0	156.0	169.0	161.0	149.0	150.0	166.0	172.0
<b>Cotton:</b>												
1944.....	20.15	19.93	19.97	20.24	19.80	20.16	20.32	20.15	21.02	21.25	20.78	20.85
1945.....	20.20	19.99	20.24	20.20	20.51	20.90	21.25	21.33	21.72	22.26	22.52	22.80
1946.....	22.36	23.01	22.70	23.59	24.09	25.98	30.83	33.55	35.30	37.69	29.23	29.98
1947.....	29.74	30.56	31.89	32.28	33.50	34.07	35.88	33.15	31.21	30.65	31.87	34.06
<b>All hay:</b>												
1944.....	15.70	15.90	16.00	16.20	16.10	15.00	13.90	14.30	14.70	15.20	15.60	16.50
1945.....	17.10	17.70	18.10	16.90	16.50	15.90	15.40	14.60	14.30	14.30	14.90	15.40
1946.....	15.70	15.70	15.50	15.00	14.80	14.70	15.00	15.10	15.40	16.10	17.20	17.70
1947.....	17.50	17.50	17.40	17.20	16.80	16.00	15.10	15.30	16.10	16.80	17.30	18.10

<sup>1</sup> Excludes bonus payments of 30 cents per bushel for wheat delivered under Government purchase program.

Source: Department of Agriculture, Bureau of Agricultural Economics. Published currently in Agricultural Prices. Also published in Crops and Markets.

No. 753.—CANNED FRUIT AND VEGETABLE PRODUCTS—ANNUAL SUPPLIES AND SHIPMENTS OF PACKERS, WHOLESAL DISTRIBUTORS AND CHAIN STORE WAREHOUSES: 1935-36 TO 1946-47

[In millions of standard cases (basis 24 No. 2½ cans for fruits and 24 No. 2 cans for all other products). Periods covered are "marketing or pack season," as distinguished from calendar year. Figures are partly estimated. See source for basis of estimates and details concerning reliability, etc.]

ITEM AND PRODUCT	1935-36	1936-37	1937-38	1938-39	1939-40	1940-41	1941-42	1942-43	1943-44	1944-45	1945-46	1946-47
Packers' carry-over from preceding year's pack, total.												
Held for Government.....	17.0	24.2	26.8	58.3	57.7	38.9	28.5	32.4	28.3	27.6	22.6	21.2
Fruits.....	6.8	7.3	4.5	16.7	8.3	9.1	5.4	4.5	15.2	12.8	14.8	3.4
Held for Government.....								5.6	6.2	5.4	6.8	2.6
Fruit and vegetable juices.....	.6	1.8	2.7	7.1	6.9	2.8	3.8	.5	3.1	2.9	5.2	.7
Held for Government.....								3.5	5.0	4.0	5.1	3.9
Seasonal vegetables.....	3.4	8.1	9.2	21.6	27.5	13.9	6.9	.7	3.2	2.5	3.9	.3
Held for Government.....								5.3	9.7	7.5	3.7	4.3
Nonseasonal vegetables.....	6.0	6.7	10.1	12.5	14.2	12.2	11.2	2.1	8.1	5.3	4.1	2.2
Held for Government.....								15.9	5.2	7.3	3.2	4.4
Baby foods.....	.2	.3	.3	.4	.8	.9	1.2	1.2	.8	1.9	1.5	.1
Held for Government.....								2.1	2.2	3.4	3.8	6.0
Distributors' carry-over from preceding year's pack, total.												
Fruits.....	43.6	61.2	64.9	67.6	67.5	68.5	65.3	77.9	44.0	43.3	34.4	41.5
Fruit and vegetable juices.....	9.8	10.6	11.4	11.8	11.3	12.5	13.7	17.4	7.2	2.7	2.5	2.8
Seasonal vegetables.....	1.5	3.2	5.5	7.2	6.9	10.0	9.8	9.7	8.9	7.6	8.3	9.9
Nonseasonal vegetables.....	17.6	27.0	24.9	26.2	26.3	23.6	22.2	28.3	18.4	22.2	16.6	16.6
Baby foods.....	14.6	20.3	22.9	22.1	22.7	22.1	19.2	22.0	8.7	10.1	6.7	10.9
Packers' and distributors' carry-over from preceding year's pack, total.	.1	.1	.2	.3	.3	.3	.4	.5	.8	.7	1.3	1.8
Fruits.....	60.6	85.4	91.7	125.9	125.2	107.4	93.8	110.3	72.3	70.9	56.9	62.7
Fruit and vegetable juices.....	16.6	17.9	15.9	28.5	19.6	21.6	19.1	23.0	13.4	8.1	9.3	4.9
Seasonal vegetables.....	2.1	5.0	8.2	14.3	13.8	12.8	13.6	13.2	13.9	11.6	13.4	13.8
Nonseasonal vegetables.....	21.0	35.1	34.1	47.8	53.8	37.5	29.1	33.6	28.1	29.7	19.2	20.9
Baby foods.....	20.6	27.0	33.0	34.6	36.9	34.3	30.4	37.9	13.9	17.4	9.9	15.3
Production, total.	.3	.4	.5	.7	1.1	1.2	1.6	2.6	3.0	4.1	5.1	7.8
Fruits.....	241.1	251.7	291.7	270.8	285.0	320.0	387.6	382.0	361.8	398.7	440.2	505.6
Fruit and vegetable juices.....	43.2	46.6	54.3	39.1	50.6	47.0	60.3	58.3	45.4	55.4	51.2	81.3
Seasonal vegetables.....	24.0	36.7	40.8	40.8	46.6	57.7	63.0	76.0	80.7	96.7	108.8	114.6
Nonseasonal vegetables.....	102.0	85.9	110.3	108.6	91.2	110.3	143.4	160.5	147.6	184.9	139.2	149.8
Baby foods.....	71.4	81.7	84.9	85.7	94.8	102.3	116.7	72.1	80.5	99.7	126.3	144.7
Imports.....	.5	.8	1.4	1.6	1.8	2.7	4.2	6.1	7.6	12.0	14.7	15.2
Fruits (pineapple only).....	2.7	3.0	3.1	3.8	3.1	2.1	1.2	.7	.6	.5	.8	1.4
Seasonal vegetables (tomatoes only).....	2.2	.6	.9	1.1	1.5	2.0	.8	.6	.6	.5	.5	1.0
Nonseasonal vegetables (tomato paste only).....	.3	.3	1.9	2.4	1.3	.1	.4	.1	.1	.1	.2	.4
Packers' supply, total.	260.8	278.9	321.6	332.9	345.8	361.0	417.3	415.1	390.7	426.8	463.6	528.2
Fruits.....	50.2	54.5	59.7	56.9	60.4	58.1	66.5	64.5	52.2	61.3	58.5	84.9
Fruit and vegetable juices.....	24.6	38.5	43.5	47.9	53.5	60.5	66.8	79.5	85.7	100.7	113.9	118.5
Seasonal vegetables.....	107.6	96.1	121.4	127.6	120.0	124.3	150.7	174.9	157.3	142.4	143.1	154.5
Nonseasonal vegetables.....	77.7	88.7	95.3	98.5	109.3	114.5	127.9	88.0	85.7	107.0	129.6	149.1
Baby foods.....	.7	1.1	1.7	2.0	2.6	3.6	5.4	8.2	9.8	15.4	18.5	21.2

Packers' and wholesale distributors' supply 1.....	304.4	340.1	386.5	400.5	413.3	429.5	482.6	493.0	434.7	470.1	497.9	509.7
Fruits.....	60.0	65.1	71.1	68.7	71.7	70.6	80.2	81.9	82.4	64.0	61.0	87.2
Fruit and vegetable juices.....	36.1	41.7	49.0	55.1	60.4	70.5	76.6	89.2	94.6	108.3	122.2	128.4
Seasonal vegetables.....	135.2	133.1	146.3	153.8	146.3	147.9	172.9	203.2	175.7	164.6	158.6	171.1
Nonseasonal vegetables.....	92.3	109.0	113.2	120.6	132.0	136.6	147.1	110.0	94.6	117.1	136.3	160.0
Baby foods.....	8	1.2	1.9	2.3	2.9	3.9	5.8	8.7	10.6	16.1	19.8	22.0
Packers' shipments, total.....	290.6	262.1	263.3	275.2	305.9	332.5	384.9	386.8	363.2	404.2	442.4	489.8
Fruits.....	42.9	50.0	43.0	48.6	51.3	52.7	60.9	58.3	46.8	54.5	55.9	81.7
Fruit and vegetable juices.....	22.8	35.8	36.4	41.0	50.7	56.7	63.3	74.5	81.9	95.6	110.0	111.7
Seasonal vegetables.....	99.5	86.9	99.8	100.1	106.1	117.4	145.4	165.2	149.8	138.7	138.8	140.3
Nonseasonal vegetables.....	71.0	78.6	82.8	84.3	97.1	103.3	112.0	82.8	78.2	103.8	125.2	141.2
Baby foods.....	4	1.3	1.3	1.2	1.7	2.4	3.3	6.0	6.5	11.6	12.5	14.9
For export and war services, total.....	9.5	9.5	9.4	13.1	10.6	13.2	36.3	109.2	93.5	125.0	38.1	26.4
Fruits.....	7.2	5.8	5.8	8.0	7.1	2.3	9.1	20.4	17.5	27.7	10.0	6.7
Fruit and vegetable juices.....	4.3	1.3	2.0	3.9	1.2	3.0	6.6	18.8	26.1	33.7	5.5	7.4
Seasonal vegetables.....	9	1.9	.8	.4	1.1	6.1	14.9	55.0	36.7	51.0	16.8	9.5
Nonseasonal vegetables.....	1.1	1.6	.8	.8	1.2	1.8	5.7	14.9	13.2	12.1	5.6	2.8
Baby foods.....												
Total.....	227.1	242.6	263.9	262.1	296.3	319.3	348.6	277.6	269.7	279.2	404.3	463.4
Fruits.....	35.7	44.2	37.3	40.6	44.2	50.4	51.8	37.9	29.3	26.8	45.9	75.0
Fruit and vegetable juices.....	22.5	34.5	34.4	37.1	49.5	53.7	56.7	55.7	55.8	61.9	104.5	104.3
Seasonal vegetables.....	94.6	86.0	99.0	99.7	105.0	111.3	130.5	110.2	113.1	87.7	122.0	130.8
Nonseasonal vegetables.....	69.9	77.1	82.0	83.5	95.9	101.5	106.3	67.9	65.0	91.7	119.6	138.4
Baby foods.....	4	1.8	1.3	1.2	1.7	2.4	3.3	5.9	6.5	11.1	12.3	14.9
For export and war services, total.....	209.5	231.9	251.2	262.2	295.2	322.5	336.0	311.5	271.2	288.2	397.1	445.9
Fruits.....	34.9	43.4	36.8	41.1	42.9	49.2	48.1	48.1	33.8	27.0	46.1	65.2
Fruit and vegetable juices.....	20.8	32.2	32.7	37.4	46.4	53.9	56.8	56.5	57.2	61.2	102.9	102.2
Seasonal vegetables.....	89.2	88.1	97.7	99.6	107.7	112.7	124.4	120.2	109.3	94.4	120.9	127.5
Nonseasonal vegetables.....	64.2	74.5	82.8	82.9	96.5	104.4	103.5	81.2	64.2	95.1	115.4	136.7
Baby foods.....	4	1.7	1.3	1.2	1.7	2.3	3.2	5.6	6.7	10.5	11.8	14.3

1 Including warehousing of retail chain stores.  
2 Includes Hawaiian production and imports from Puerto Rico.  
3 Packers' carry-over stocks at beginning of season plus annual production and imports.  
4 Packers' and distributors' carry-over stocks at beginning of season plus annual production and imports.  
5 Figures not shown prior to Jan. 1, 1936.  
6 Includes combined packers and wholesale distributors and chain store warehouses supplies.

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce in cooperation with Bureau of the Census and Office of Price Administration; Fruit and Vegetable Canning Industries, 1934-45, and supplementary reports prepared by Bureau of Foreign and Domestic Commerce in cooperation with Bureau of the Census and Department of Agriculture.

# No. 754.—CANNED FRUIT AND VEGETABLE PRODUCTS—ANNUAL PRODUCTION: 1935-36 TO 1946-47

[Millions of standard cases (basis 24 No. 2 cans, except fruits, No. 2½ cans). Data are for pack years and are partly estimated. See source for basis of estimates]

PRODUCT	1935-36	1936-37	1937-38	1938-39	1939-40	1940-41	1941-42	1942-43	1943-44	1944-45	1945-46	1946-47
<b>Fruits, total</b>	43.2	46.6	54.3	59.1	59.8	47.0	60.3	58.3	45.4	55.4	51.2	81.3
Apples	2.2	2.4	2.5	1.6	2.6	2.1	4.0	3.9	2.0	3.0	1.1	4.0
Applesauce	1.4	1.7	2.2	1.1	2.3	2.0	3.2	3.6	2.2	3.1	1.9	6.2
Apricots	3.2	2.9	5.6	1.7	3.4	2.2	4.3	3.3	1.8	7.8	4.4	10.7
Berries	1.4	1.5	1.9	1.3	1.3	1.3	1.9	1.4	1.0	.5	.4	.8
Cherries, red pitted	2.1	1.2	2.1	1.4	2.4	2.7	1.7	2.6	.6	2.6	1.1	2.4
Cherries, other	.5	.5	.5	.7	1.0	.6	.9	1.1	.9	.8	1.3	1.8
Cranberries	.5	.7	1.1	.8	1.4	1.3	1.7	.8	1.1	.6	1.8	3.2
Figs	.3	.4	.6	.3	.3	.5	.8	.8	1.0	.9	.7	1.2
Grapefruit	1.7	3.0	2.7	3.1	3.0	2.3	3.2	.6	.8	.4	2.1	4.0
Mixed fruits	3.0	3.7	4.5	2.9	5.3	5.0	5.7	6.2	5.8	6.6	6.5	9.9
Peaches	11.8	11.3	13.6	10.2	12.0	11.3	14.4	16.2	11.8	13.6	14.8	20.0
Pears	4.6	5.9	4.9	4.7	4.6	5.5	6.6	6.2	4.7	4.8	4.7	5.3
Pineapple <sup>1</sup>	9.8	9.3	10.2	8.5	8.6	8.3	9.2	9.9	10.2	9.1	7.9	8.4
Plums and prunes	1.9	2.0	1.9	.7	2.3	1.3	2.5	1.7	2.4	1.8	2.5	4.2
All other	.1	.1	.1	.1	.1	.1	.2					.3
<b>Juices, total</b>	24.8	34.7	40.8	40.8	46.6	57.7	63.0	76.6	50.7	96.7	106.8	114.6
Apple	(1)	(3)	(3)	(3)	.4	.5	1.6	1.7	1.4	2.7	1.1	4.4
Apricot, peach, pear	(1)	(3)	(3)	(3)	(1)	(3)	(3)	.8	.2	.9	.2	1.5
Grape	1.2	1.4	1.8	2.6	2.5	2.5	2.9	2.9	1.6	2.0	1.5	2.2
Grapefruit <sup>1</sup>	2.5	6.6	8.9	11.7	10.9	16.2	12.9	24.0	26.6	22.0	26.4	20.8
Lemon and lime	.2	.4	.3	.1	.1	.3	.2	.2	(3)	(3)	22.6	22.0
Orange	1.0	1.4	1.2	1.5	3.6	4.1	4.8	2.9	8.3	16.8	14.0	11.5
Orange-grapefruit	.1	.3	.5	.7	1.4	2.5	2.3	3.7	6.0	9.0	9.6	10.5
Pineapple	4.6	7.6	8.0	9.9	9.6	12.6	9.8	10.4	9.4	8.9	4.9	3.2
Prune	.1	.2	.8	.7	.2	.2	.4	1.5	1.9	2.7	1.3	3.5
Other fruit	.1	.2	1.0	.6	.8	.9	1.4	.1	.2	.2	23.4	29.2
Tomato	11.3	16.0	17.0	11.2	13.7	15.1	23.4	26.1	22.5	28.4	3.6	5.7
Other vegetable	3.0	2.7	1.3	1.9	3.4	2.8	4.0	2.8	2.6	3.1	.4	.4
<b>Seasonal vegetables, total</b>	102.0	85.9	118.3	103.6	91.2	110.3	143.4	169.5	147.6	134.9	139.3	149.8
Asparagus	3.3	3.4	3.0	2.9	3.0	3.6	3.5	4.5	4.2	4.3	4.5	4.5
Beans, green and wax	7.2	6.8	10.3	11.3	8.8	10.1	15.8	25.2	23.3	18.6	17.5	18.3
Beans, lima	1.7	2.4	2.4	2.4	2.7	2.9	4.0	3.6	2.0	1.7	1.6	1.8
Beets	2.9	3.1	4.0	3.9	3.0	4.5	9.0	7.3	7.2	8.7	9.5	7.1
Carrots	.9	1.2	1.6	1.2	2.0	2.2	2.9	3.0	3.1	3.1	3.6	3.2
Corn	22.9	15.7	25.2	22.1	16.1	16.7	28.9	32.6	29.3	25.4	26.7	31.0
Greens, leafy	.2	.3	.4	.4	.5	.6	.9	1.4	1.2	1.0	3.0	1.7
Mixed vegetables	1.7	2.4	3.2	2.2	2.2	2.6	2.9	1.8	1.4	2.4	4.0	2.8
Peas	26.1	17.6	24.5	27.0	17.5	26.8	31.9	36.9	36.4	31.7	39.7	41.1
Pumpkin and squash	1.4	2.7	2.3	1.8	3.2	3.2	3.5	2.3	2.1	2.9	1.9	4.5
Spinach	4.5	4.6	6.7	3.2	5.0	5.5	5.5	9.9	7.7	9.0	8.4	8.6
Tomatoes	29.1	25.3	26.7	24.8	27.2	31.7	34.6	41.6	29.7	26.1	16.9	23.9
<b>Nonseasonal vegetables, total</b>	71.4	81.7	84.3	85.7	94.8	102.3	116.7	72.1	66.5	99.7	125.3	144.7
Beans, all dry varieties	24.0	26.8	26.2	27.0	28.1	30.0	34.5	10.5	15.1	26.5	34.7	35.0
Hominy	1.7	1.9	2.2	2.2	2.5	2.6	2.8	.6	.4		(3)	(3)
Sauerkraut	6.0	6.5	6.1	6.9	5.7	7.2	6.5	2.4	3.6	4.1	7.7	8.0
Spaghetti and macaroni	3.5	4.0	6.0	5.0	5.5	5.8	6.5	1.4	1		(3)	(3)
Sweet potatoes	.5	.7	.9	.7	.3	1.0	2.0	1.0	1.3	1.6	3.1	5.7
Soups	18.4	20.0	22.2	24.0	29.5	30.0	34.6	27.7	23.0	29.7	39.1	43.0
All other	2.3	2.9	3.5	3.9	4.8	5.4	6.5	4.0	6.5	3.0	7.3	7.0
Beans, fresh shelled									.6	.4		
Beans, soy									.8	.1		
Corn-on-cob	.1	.1	.4	.5	.6	.6	.8	.2				
Mushrooms	.5	.5	.6	.6	.7	.8	.9	.4	.4	.4	(4)	(4)
Pimientos	.4	.4	.4	.5	.6	.5	.3	.2	.2	.2		
White potatoes								1.3	4.3	1.6		
Miscellaneous	2.3	1.9	2.1	2.3	3.0	3.5	4.5	1.9	.3	.3		
Tomato products	13.2	17.4	16.6	15.1	17.1	18.6	21.6	23.4	29.0	33.5	33.8	45.0
Catsup and chili sauce	6.9	8.5	8.2	7.6	8.8	9.2	10.6	11.0	9.9	12.0	10.1	12.0
Paste and sauce	1.9	3.6	3.3	3.0	3.6	4.4	5.0	5.9	9.1	10.0	11.6	16.2
Pulp and puree	4.4	5.3	5.1	4.5	4.7	5.0	6.0	4.5	10.0	11.5	12.2	15.8
Olives, ripe	.8	1.5	1.2	.9	1.3	1.7	1.8	1.1	1.3	1.3	.6	1.0
<b>Canned baby foods, total</b>	.6	.8	1.4	1.6	1.8	2.7	4.2	6.1	7.6	12.6	14.7	15.2
Desserts						.1	.1	.4	.6	2.0	1.6	1.4
Fruits	.3	.1	.3	.3	.4	.6	1.0	1.9	2.0	4.0	4.1	6.0
Meat compounds	.3	.2	.2	.3	.4	.5	.6	1.5	1.6	2.0	4.4	3.8
Vegetables	.3	.5	.9	.9	1.0	1.4	2.1	2.3	3.5	4.0	4.6	4.0

<sup>1</sup> Includes Hawaiian production.

<sup>2</sup> Included in "other fruit juices."

<sup>3</sup> Includes small receipts from Puerto Rico.

<sup>4</sup> Included with "all other."

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce in cooperation with Bureau of the Census and Office of Price Administration; Fruit and Vegetable Canning Industries, 1934-45, and supplementary reports prepared by Bureau of Foreign and Domestic Commerce in cooperation with Bureau of the Census and Department of Agriculture.

## No. 755.—DOMESTIC ANIMALS ON FARMS—NUMBER AND VALUE: 1880 TO 1948

[For census years prior to 1910 and for Jan. 1 estimates by Dept. of Agriculture, animals of all ages are included except in figures for cattle and sheep, 1880 and 1890, which are nominally exclusive of calves and lambs, respectively. Difference in date of enumeration affects comparability of census figures for all classes and especially for swine]

YEAR AND DATE	NUMBER (THOUSANDS)							Value of animals (thousands of dollars) <sup>5</sup>
	Horses <sup>1</sup>	Mules <sup>1</sup>	All cattle <sup>1</sup>	Dairy cows <sup>2</sup>	Other cattle <sup>1</sup>	Sheep <sup>3</sup>	Swine <sup>4</sup>	
<b>Census returns—</b>								
1880 (June 1).....	10,357	1,813	39,676	12,443	27,232	42,192	49,773	( <sup>6</sup> )
1890 (June 1).....	15,266	2,252	57,649	16,512	41,137	40,876	57,427	( <sup>6</sup> )
1900 (June 1).....	18,267	3,265	67,719	17,136	50,584	61,504	62,868	2,970,121
1910 (Apr. 15).....	19,220	4,101	53,997	17,125	36,872	39,644	35,134	4,587,007
1920 (Jan. 1).....	19,767	5,432	66,640	19,675	46,964	35,034	59,346	7,596,877
1925 (Jan. 1).....	16,401	5,681	60,760	17,645	43,115	35,590	50,854	4,439,966
1930 (Apr. 1).....	13,384	5,354	54,250	20,499	33,751	41,780	32,794	5,437,656
1935 (Jan. 1).....	11,858	4,818	68,284	( <sup>6</sup> )	( <sup>6</sup> )	48,358	37,213	3,209,222
1940 (Apr. 1).....	10,087	3,845	60,675	24,074	36,600	40,129	34,037	4,324,893
1945 (Jan. 1).....	8,499	3,130	82,654	( <sup>6</sup> )	( <sup>6</sup> )	41,224	46,735	7,923,371
<b>Estimates Jan. 1: <sup>7</sup></b>								
1916.....	21,334	5,200	67,438	20,752	46,686	36,260	60,596	6,159,176
1917.....	21,306	5,353	70,979	21,212	49,767	35,246	57,578	6,826,660
1918.....	21,268	5,485	73,040	21,536	51,504	36,704	62,931	8,239,464
1919.....	20,922	5,568	72,094	21,545	50,549	38,360	64,326	8,610,797
1920.....	20,091	5,651	70,400	21,455	48,945	37,328	60,159	8,080,307
1921.....	19,369	5,768	68,714	21,456	47,258	35,426	58,942	6,026,259
1922.....	18,764	5,824	68,795	21,851	46,944	33,365	59,849	4,734,447
1923.....	18,125	5,893	67,546	22,138	45,408	32,597	60,304	5,024,630
1924.....	17,378	5,907	65,996	22,331	43,665	32,859	66,576	4,709,190
1925.....	16,651	5,918	63,373	22,575	40,798	34,469	55,770	4,636,131
1926.....	16,063	5,903	60,576	22,410	38,166	35,719	52,105	4,952,464
1927.....	15,388	5,804	58,178	22,251	35,927	38,067	55,496	5,065,645
1928.....	14,792	5,656	57,322	22,231	35,091	40,689	61,873	5,577,054
1929.....	14,234	5,510	58,877	22,440	36,437	43,481	59,042	6,118,084
1930.....	13,742	5,382	61,003	23,032	37,971	45,577	55,705	6,011,216
1931.....	13,196	5,273	63,030	23,820	39,210	47,720	54,835	4,502,727
1932.....	12,644	5,148	65,801	24,896	40,905	47,682	59,301	3,253,972
1933.....	12,291	5,046	70,280	25,936	44,344	47,303	62,127	2,756,669
1934.....	12,052	4,945	74,369	26,931	47,438	48,244	58,621	2,956,799
1935.....	11,861	4,822	68,846	26,082	42,764	46,139	39,066	3,230,131
1936.....	11,598	4,628	67,847	25,196	42,651	45,435	42,975	4,824,808
1937.....	11,342	4,460	66,098	24,649	41,449	45,251	43,063	4,742,403
1938.....	10,995	4,250	65,249	24,466	40,783	44,972	44,525	4,688,886
1939.....	10,629	4,163	66,029	24,600	41,429	45,463	50,012	4,750,180
1940.....	10,444	4,034	68,309	24,940	43,369	46,266	61,165	4,814,284
1941.....	10,193	3,911	71,755	25,453	46,302	47,441	54,353	4,991,272
1942.....	9,873	3,782	76,025	26,313	49,712	49,346	60,607	6,596,134
1943.....	9,605	3,626	81,204	27,138	54,066	48,196	73,881	8,982,635
1944.....	9,192	3,421	85,334	27,704	57,630	44,270	83,741	8,900,597
1945.....	8,715	3,235	85,573	27,770	57,803	39,609	59,331	8,279,292
1946.....	8,053	3,010	82,434	26,695	55,739	35,599	61,301	8,951,553
1947.....	7,249	2,772	81,207	26,098	55,109	32,125	56,921	11,168,278
1948.....	6,607	2,544	78,564	25,165	53,399	30,544	55,038	12,667,513

<sup>1</sup> Census figures for 1910 are for animals over 3½ months old; 1920, 1925, 1935, and 1945, animals of all ages; 1930 and 1940, animals over 3 months old.

<sup>2</sup> Census returns prior to 1900 represent "milch" cows; 1900, cows 2 years old and over kept for milk; 1910, dairy cows 2 years old and over on Jan. 1, as estimated; 1920 and 1925, dairy cows and heifers 2 years old and over; 1930 and 1940, cows and heifers 2 years old and over on Jan. 1 of census year, kept mainly for milk production.

<sup>3</sup> Census figures for 1910 are for sheep and lambs over 3½ months old; 1920, 1925, 1935, and 1945, sheep and lambs of all ages; 1930 and 1940, sheep and lambs over 6 months old. Jan. 1 estimates are for stock sheep.

<sup>4</sup> Census figures for 1910 are for hogs and pigs over 3½ months old; 1920, 1925, 1935, and 1945, hogs and pigs of all ages; 1930, hogs and pigs over 3 months old; 1940, hogs and pigs over 4 months old.

<sup>5</sup> Value of animals specified in preceding columns.

<sup>6</sup> Not available.

<sup>7</sup> See source note.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Agriculture, Vol. III. Estimates Jan. 1, Department of Agriculture, Bureau of Agricultural Economics; published in annual report, Agricultural Statistics, and annual U. S. Livestock Reports.

## No. 756.—DOMESTIC ANIMALS ON FARMS—

(All figures)

Line number	DIVISION AND STATE	HORSES				MULES				ALL CATTLE			
		1933 (Jan. 1) <sup>1</sup>	1934 (Apr. 1) <sup>2</sup>	1935 (Jan. 1) <sup>1</sup>	1936 (Jan. 1) (prel.)	1933 (Jan. 1) <sup>1</sup>	1934 (Apr. 1) <sup>2</sup>	1935 (Jan. 1) <sup>1</sup>	1936 (Jan. 1) (prel.)	1933 (Jan. 1) <sup>1</sup>	1934 (Apr. 1) <sup>2</sup>	1935 (Jan. 1) <sup>1</sup>	1936 (Jan. 1) (prel.)
1	United States	11,858	10,087	8,499	6,607	4,818	3,848	3,130	2,544	68,284	60,578	52,584	78,594
2	New England	170	130	116	109	1	1	1	—	1,176	1,103	1,230	1,171
3	Maine	59	37	34	31	(?)	(?)	(?)	—	245	216	231	225
4	New Hampshire	18	14	13	12	(?)	(?)	(?)	—	130	116	129	123
5	Vermont	46	40	37	36	(?)	(?)	(?)	—	410	409	459	—
6	Massachusetts	27	20	17	16	(?)	(?)	(?)	—	169	181	197	186
7	Rhode Island	3	2	2	2	(?)	(?)	(?)	—	28	25	29	28
8	Connecticut	24	17	14	12	(?)	(?)	(?)	—	173	157	175	176
9	Middle Atlantic	648	556	449	353	63	51	27	22	2,544	3,442	4,069	4,089
10	New York	315	272	227	182	5	3	2	2	1,019	1,927	2,170	2,139
11	New Jersey	39	28	20	17	4	3	2	2	178	180	214	220
12	Pennsylvania	294	256	202	153	54	44	28	18	1,409	1,334	1,685	1,721
13	E. N. Central	2,525	2,162	1,546	1,023	243	166	102	83	10,820	10,473	12,262	12,779
14	Ohio	478	421	278	184	34	26	15	9	1,951	1,772	2,108	2,150
15	Indiana	402	338	231	147	82	57	35	17	1,604	1,489	1,900	1,798
16	Illinois	746	559	390	249	116	71	46	23	2,630	2,455	3,278	3,128
17	Michigan	377	344	230	143	7	7	4	2	1,518	1,541	1,955	1,840
18	Wisconsin	521	499	411	300	6	5	3	2	3,116	3,237	3,962	3,844
19	W. N. Central	4,366	3,379	2,867	2,074	520	—	255	150	19,749	17,516	24,946	22,396
20	Minnesota	746	627	491	345	13	9	5	2	3,179	3,090	3,790	3,290
21	Iowa	903	728	549	346	67	46	26	10	4,570	4,213	5,432	4,722
22	Missouri	524	505	476	428	246	194	150	105	2,531	2,471	3,261	2,959
23	North Dakota	503	343	287	178	8	2	1	1	1,219	1,178	1,878	1,590
24	South Dakota	450	337	307	219	11	6	4	2	1,632	1,496	2,544	2,567
25	Nebraska	651	468	413	301	75	42	26	12	3,232	2,569	3,979	3,882
26	Kansas	569	371	344	257	108	58	43	18	2,386	2,508	4,062	3,396
27	South Atlantic	486	507	511	482	997	964	867	809	4,724	4,928	5,439	5,541
28	Delaware	14	13	11	9	10	8	5	4	51	47	60	61
29	Maryland	80	80	66	53	29	26	18	12	307	296	390	416
30	Dist. of Col.	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	1	1	1	(?)
31	Virginia	163	164	159	148	93	89	79	73	870	816	1,030	1,066
32	West Virginia	99	98	87	93	12	10	8	5	611	527	573	556
33	North Carolina	67	75	82	92	295	299	290	269	684	540	721	677
34	South Carolina	20	21	23	23	183	180	165	159	385	275	369	376
35	Georgia	25	35	37	38	334	316	279	257	1,100	803	1,140	1,145
36	Florida	18	20	26	26	41	35	34	30	713	721	1,115	1,265
37	E. S. Central	476	583	572	526	1,217	1,124	1,048	932	4,971	4,369	5,782	5,788
38	Kentucky	210	239	222	204	240	218	199	171	1,212	1,130	1,418	1,592
39	Tennessee	141	175	161	145	205	276	262	234	1,233	1,109	1,427	1,408
40	Alabama	50	62	66	62	323	292	258	222	1,125	890	1,282	1,235
41	Mississippi	77	108	123	115	350	338	329	306	1,401	1,140	1,655	1,553
42	W. S. Central	1,358	1,301	1,136	968	1,441	1,111	772	532	12,124	10,519	14,709	13,446
43	Arkansas	126	167	169	150	307	260	216	165	1,187	982	1,259	1,057
44	Louisiana	121	142	139	121	199	175	154	126	1,062	1,052	1,475	1,332
45	Oklahoma	425	364	313	257	246	138	87	41	2,632	2,195	3,101	2,479
46	Texas	686	638	515	440	899	538	314	191	7,222	—	8,864	8,578
47	Mountain	1,304	1,040	961	783	65	37	22	26	7,367	5,781	8,413	8,553
48	Montana	347	239	227	171	6	1	2	2	1,530	1,040	1,817	1,811
49	Idaho	190	166	144	108	6	4	4	3	764	683	949	930
50	Wyoming	146	122	110	94	2	1	1	1	558	740	983	1,064
51	Colorado	278	212	189	148	19	12	9	6	1,690	1,144	1,781	1,796
52	New Mexico	144	118	107	86	18	9	6	6	1,071	843	1,091	1,179
53	Arizona	77	70	72	70	12	7	7	6	771	638	750	875
54	Utah	85	78	73	67	3	1	1	1	411	374	562	533
55	Nevada	37	35	38	38	2	1	2	1	342	339	479	466
56	Pacific	525	429	347	291	75	36	20	18	2,891	3,554	4,842	4,796
57	Washington	172	130	99	75	20	5	3	2	741	698	910	898
58	Oregon	161	136	108	86	10	4	3	3	928	799	1,101	1,077
59	California	192	164	139	130	40	26	14	13	2,132	2,056	2,831	2,764

<sup>1</sup> Animals of all ages.<sup>2</sup> Animals over 3 months old.<sup>3</sup> Cows and heifers over 27 months old.<sup>4</sup> Sheep and lambs over 6 months old.<sup>5</sup> Swine over 4 months old.



## NUMBERS, BY KIND, BY STATES: 1935 TO 1948

[in thousands]

COWS AND HEIFERS 2 YEARS OLD AND OVER		COWS AND HEIFERS 2 YEARS OLD AND OVER KEPT FOR MILK				SHEEP AND LAMBS				SWINE				Live number
1940 (Apr. 1) <sup>1</sup>	1945 (Jan. 1)	1935 (Jan. 1)	1940 (Apr. 1) <sup>1</sup>	1945 (Jan. 1)	1945 (Jan. 1) (prel.)	1935 (Jan. 1) <sup>1</sup>	1940 (Apr. 1) <sup>1</sup>	1945 (Jan. 1) <sup>1</sup>	1945 (Jan. 1) (prel.)	1935 (Jan. 1) <sup>1</sup>	1940 (Apr. 1) <sup>1</sup>	1945 (Jan. 1) <sup>1</sup>	1945 (Jan. 1) (prel.)	
33,523	44,156	26,562	34,974	27,770	25,165	45,355	40,129	41,234	30,544	37,213	34,937	46,735	55,935	1
771	839	899	757	815	778	118	75	75	60	■	146	232	214	2
138	140	152	132	135	132	89	89	36	29	44	35	45	41	3
74	77	86	72	76	73	13	8	8	8	14	11	20	16	4
285	312	290	■	308	296	29	19	■	12	23	18	34	22	5
136	144	137	136	142	132	8	7	7	9	90	63	98	91	6
20	22	22	20	22	22	2	1	2	2	6	5	10	10	7
116	124	122	114	121	123	5	■	6	6	■	■	35	34	8
2,381	2,673	2,364	2,341	2,642	2,587	956	836	539	499	865	834	1,266	1,913	9
1,574	1,504	1,321	1,362	1,484	1,439	386	285	252	171	190	195	257	231	10
140	150	138	139	158	159	7	6	8	8	151	124	244	31	11
867	1,012	905	■	1,000	900	462	335	279	230	544	515	767	711	12
6,382	7,536	6,151	5,933	6,654	6,456	5,642	4,100	3,649	2,528	9,296	8,784	12,366	14,962	13
1,052	1,216	1,065	993	1,138	1,071	2,396	1,757	1,454	1,053	2,050	1,916	2,429	■	14
854	1,012	814	747	846	774	958	590	549	367	2,640	2,383	3,231	3,992	15
1,379	1,586	1,231	1,081	1,203	1,086	■	551	625	449	3,218	2,951	4,690	5,657	16
969	1,106	905	924	1,080	1,017	1,100	857	563	408	489	586	681	752	17
2,238	2,607	2,136	2,189	2,586	2,508	443	346	358	236	908	949	1,336	1,567	18
8,339	11,377	7,214	6,288	7,062	5,848	7,550	6,855	5,185	4,416	13,503	11,512	18,050	22,975	19
1,797	1,972	1,776	1,700	1,843	1,579	1,063	972	1,122	692	1,615	1,667	2,615	3,113	20
1,940	2,116	1,580	1,430	1,483	1,270	1,783	1,208	1,354	785	5,804	4,902	7,652	9,941	21
1,333	1,792	1,017	900	1,115	975	1,242	1,431	1,257	1,075	2,296	2,347	2,771	3,532	22
812	890	596	496	583	444	740	822	810	452	218	191	472	392	23
737	1,155	574	455	520	411	1,320	1,370	1,771	936	644	■	1,250	1,599	24
1,266	1,696	750	609	642	514	■	510	931	134	1,905	1,067	2,144	2,403	■
1,163	1,757	921	691	807	655	714	647	■	342	1,119	784	1,147	1,094	25
2,374	2,849	2,068	1,758	2,162	2,066	1,263	■	752	711	4,996	3,594	5,823	5,576	27
34	40	35	32	40	38	■	2	■	2	26	23	35	39	28
193	241	192	185	■	232	94	56	48	47	169	169	263	254	29
1	1	(9)	1	(9)	(9)	(7)	(7)	■	(9)	2	1	1	(9)	30
451	593	420	387	■	409	■	355	308	290	543	■	698	790	31
255	310	262	219	243	229	606	437	■	305	■	172	165	295	32
356	427	381	333	■	376	77	46	41	35	947	■	1,089	1,191	33
177	217	189	159	190	179	12	7	5	4	509	439	609	713	34
428	599	419	338	395	395	34	17	■	14	1,273	1,125	1,527	1,654	35
379	622	110	104	133	146	40	■	12	■	447	481	677	640	36
2,361	3,255	2,268	1,967	2,412	2,221	1,510	1,439	1,303	1,236	3,563	3,693	3,944	4,936	37
612	797	610	547	655	616	1,080	969	852	803	1,035	1,053	1,048	1,499	38
806	806	594	549	666	627	411	358	334	307	1,002	1,062	992	1,308	39
496	711	459	357	471	435	48	32	26	25	869	752	960	1,113	■
647	871	595	523	620	543	72	60	90	101	927	826	924	1,016	41
6,512	8,486	5,006	2,834	3,394	2,842	7,622	9,048	9,068	7,917	2,828	3,896	3,936	4,193	42
539	734	510	456	536	445	65	90	81	61	387	347	795	985	43
546	891	310	330	379	342	222	190	171	169	777	681	801	724	44
1,104	1,669	798	748	885	704	309	313	231	130	781	764	759	731	45
2,333	5,172	■	1,350	1,594	1,351	7,027	8,446	8,586	7,557	1,364	1,514	1,581	1,753	46
3,091	4,360	1,004	869	1,026	885	17,974	13,432	13,774	10,385	735	771	954	966	47
514	902	205	143	165	134	3,823	3,010	2,906	1,923	98	■	182	194	48
343	465	206	211	274	234	2,209	1,372	1,336	1,108	196	246	■	206	49
390	520	69	67	69	60	3,476	3,079	2,804	2,344	46	44	54	80	50
885	867	270	207	246	215	2,449	1,681	2,394	1,222	349	215	206	304	51
455	673	80	72	75	60	1,901	1,534	1,616	1,406	59	62	80	60	■
352	382	47	41	51	47	931	624	511	426	■	32	35	32	■
195	304	102	■	128	115	2,452	1,597	1,672	1,469	47	67	85	79	54
168	266	21	20	20	20	534	514	534	487	17	18	25	25	55
2,664	2,681	1,266	1,271	1,522	1,482	5,682	2,618	2,875	2,582	816	■	942	1,069	56
415	509	345	330	380	336	748	■	447	331	158	176	179	158	57
468	599	275	257	284	243	2,210	1,423	1,032	735	169	180	194	164	58
1,126	1,472	648	664	859	903	2,724	1,707	2,396	1,816	489	541	589	747	59

\* No estimate.

† Less than 500.

Source: 1935, 1940, and 1945 (except cows and heifers 2 years old and over kept for milk in 1935 and 1945), Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II. Other figures are estimates by Department of Agriculture, Bureau of Agricultural Economics, published in *Livestock on Farms Jan. 1*.

# No. 757.—DOMESTIC ANIMALS AND CHICKENS ON FARMS—NUMBER AND VALUE, BY KIND, AND FARMS REPORTING: 1930 TO 1945

[Data for 1930 and 1940 are as of Apr. 1, and for 1935 and 1945 as of Jan. 1. Difference in date of enumeration affects comparability. Total value of all livestock for which data were collected at each census is shown in table 649, p. 595. Available data for certain classes not shown in the table below are as follows: Turkeys over 3 months old, 1935, 5,382,000, valued at \$11,668,000; turkeys over 4 months old, 1940, 4,362,000, valued at \$7,462,000. Hives of bees (on farms and elsewhere), 1930, 3,108,000, valued at \$13,632,000; 1940, 2,277,000, valued at \$7,326,000]

ITEM AND YEAR	Horses <sup>1</sup>	Mules <sup>1</sup>	All cat- tle <sup>1</sup>	All cows 2 years old and over <sup>2</sup>	Sheep <sup>3</sup>	Goats <sup>4</sup>	Swine <sup>5</sup>	Chick- ens <sup>6</sup>
<b>Number of farms reporting (thousands):</b>								
1930.....	5,025		4,803	(7)	584	113	3,535	5,373
1935.....	3,537	2,256	5,481	5,377	635	158	3,971	5,833
1940.....	3,149	1,846	4,843	4,725	585	127	3,767	5,150
1945.....	2,828	1,486	4,689	4,543	457	135	3,314	4,901
<b>Percent of all farms:</b>								
1930.....	79.9		76.4	(7)	9.3	1.8	56.2	85.4
1935.....	51.9	33.1	80.5	78.9	9.3	2.3	58.3	85.6
1940.....	51.6	30.3	79.5	77.5	9.6	2.1	61.8	84.5
1945.....	48.3	25.4	80.0	77.5	7.8	2.3	56.6	83.6
<b>Number (thousands):</b>								
1930.....	13,384	5,354	54,250	28,336	41,780	4,821	32,794	378,878
1935.....	11,858	4,818	68,284	36,931	48,358	4,093	37,213	371,603
1940.....	10,087	3,845	60,675	33,523	40,129	4,175	34,037	337,949
1945.....	8,499	3,130	82,654	44,156	41,234	4,266	46,735	433,111
<b>Increase (thousands):<sup>7</sup></b>								
1930-35.....	-1,526	-536	14,034	8,595	6,577	-728	4,419	-7,275
1935-40.....	-1,771	-974	-7,610	-3,407	-8,228	82	-3,176	-33,654
1940-45.....	-1,588	-715	21,980	10,633	1,095	90	12,698	95,162
<b>Percent increase:<sup>8</sup></b>								
1930-35.....	-11.4	-10.0	25.9	30.3	15.7	-15.1	13.5	-1.9
1935-40.....	-14.9	-20.2	-11.1	-9.2	-17.0	2.0	-8.5	-9.1
1940-45.....	-15.7	-18.6	36.2	31.7	2.7	2.2	37.3	28.2
<b>Average number per farm re- porting:</b>								
1930.....	3.7		11.3	(7)	71.6	42.7	9.3	70.5
1935.....	3.4	2.1	12.5	6.9	76.1	26.0	9.4	63.7
1940.....	3.2	2.1	12.5	7.1	68.6	32.8	9.0	65.6
1945.....	3.0	2.1	17.6	9.7	90.2	31.7	14.1	88.4
<b>Average number per 1,000 acres of all land in farms:</b>								
1930.....	14	5	55	29	42	5	33	384
1935.....	11	5	65	35	46	4	35	352
1940.....	10	4	57	32	38	4	32	319
1945.....	7	3	72	39	36	4	41	379
<b>Value (thousands of dollars):</b>								
1930.....	903,467	442,261	3,184,593	2,051,096	343,154	19,320	564,180	321,625
1935.....	913,437	478,661	1,387,896	993,520	208,871	6,116	220,367	191,504
1940.....	765,754	436,195	2,598,118	1,785,153	240,190	11,945	284,637	189,086
1945.....	545,363	428,237	5,602,625	3,858,905	359,042	17,200	988,104	531,800
<b>Average value per head:</b>								
1930.....	\$67.51	\$82.60	\$58.70	\$72.38	\$8.21	\$4.01	\$17.20	\$0.85
1935.....	77.03	99.34	20.33	26.90	4.32	1.49	5.92	.52
1940.....	75.92	113.46	42.82	53.25	5.99	2.86	8.36	.56
1945.....	64.17	136.83	67.78	87.39	8.71	4.03	21.14	1.23

<sup>1</sup> Farms reporting for 1930, 1935, and 1945 are for animals of all ages, and for 1940, animals over 3 months old; number for 1930 and 1940 is for animals over 3 months old, and for 1935 and 1945, animals of all ages.

<sup>2</sup> Figures for 1930 and 1940 are for cows and heifers over 27 months old; for 1935 and 1945, cows and heifers 2 years old and over.

<sup>3</sup> Farms reporting for 1930, 1935 and 1945 are for sheep and lambs of all ages and for 1940, sheep and lambs over 6 months old; number for 1930 and 1940 is for sheep and lambs over 6 months old and for 1935 and 1945 sheep and lambs of all ages.

<sup>4</sup> Figures for 1940 are for goats over 4 months old; for 1930, 1935, and 1945 goats of all ages.

<sup>5</sup> Farms reporting for 1930, 1935, and 1945 are for hogs and pigs of all ages and for 1940, hogs and pigs over 4 months old; number for 1930 is for hogs and pigs over 3 months old, for 1935 and 1945, hogs and pigs of all ages, and for 1940, hogs and pigs over 4 months old.

<sup>6</sup> Figures for 1930 and 1935 are for chickens over 3 months old; for 1940 and 1945, chickens over 4 months old.

<sup>7</sup> Not available.

<sup>8</sup> A minus sign (—) denotes a decrease.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

# No. 758.—DOMESTIC ANIMALS—RECEIPTS AND SHIPMENTS, BY KIND, BY STOCKYARDS: 1926 TO 1947

[In thousands. Total for all stockyards reporting covers about 68 stockyards]

ITEM AND YEARLY AVERAGE OR YEAR	Total, all stock yards reporting	9 STOCKYARDS										All other stock yards reporting
		Total	Chicago	Denver	Fort Worth	Kansas City	Oma-ha	St. Joseph	St. Louis National Stock Yards	Stour City	South St. Paul	
CATTLE												
Receipts:												
1926-1930.....	15,323	10,651	2,652	540	837	1,950	1,501	518	926	787	942	4,872
1931-1935.....	14,466	9,569	2,212	454	593	1,709	1,507	443	906	902	945	4,897
1936-1940.....	14,579	8,753	1,969	519	695	1,409	1,272	338	879	723	951	3,326
1941-1945.....	18,817	11,109	2,218	671	879	1,896	1,587	504	1,106	1,145	1,104	7,708
1944.....	20,513	12,019	2,340	765	1,046	1,979	1,680	573	1,220	1,242	1,175	8,494
1945.....	22,172	12,617	2,391	793	1,019	2,094	1,859	561	1,317	1,444	1,138	9,555
1946.....	21,278	11,489	1,960	820	873	1,904	1,735	501	1,250	1,448	1,008	8,789
1947.....	22,103	12,486	2,089	898	968	1,956	1,910	682	1,304	1,463	1,216	9,617
Shipments:												
1926-1930.....	6,823	4,683	815	414	303	1,019	587	166	582	372	426	2,139
1931-1935.....	6,176	4,061	651	297	224	902	626	120	493	390	387	2,114
1936-1940.....	6,171	3,624	697	328	241	783	501	95	390	240	348	2,547
1941-1945.....	9,103	5,042	818	407	441	1,073	625	155	530	646	347	4,061
1944.....	10,016	5,479	882	451	554	1,113	639	160	593	704	393	4,637
1945.....	11,971	6,571	1,064	485	712	1,202	810	211	741	933	420	5,400
1946.....	12,380	7,378	1,117	554	662	1,292	1,064	237	877	1,064	490	5,002
1947.....	10,594	5,655	784	527	523	1,083	777	208	494	919	389	4,939
CALVES												
Receipts:												
1926-1930.....	6,420	3,762	691	70	311	378	107	96	417	70	607	3,669
1931-1935.....	6,385	2,650	526	81	285	359	155	96	457	95	596	3,738
1936-1940.....	6,712	2,624	341	93	423	330	142	74	538	64	513	4,189
1941-1945.....	6,572	2,333	245	114	435	301	106	81	483	69	500	4,240
1944.....	7,289	2,733	297	127	482	387	144	118	529	87	572	4,556
1945.....	7,070	2,576	230	129	524	338	111	116	529	84	518	4,492
1946.....	6,618	2,514	194	132	491	361	111	95	528	69	503	4,304
1947.....	7,480	2,640	271	133	446	313	105	121	557	67	626	4,819
Shipments:												
1926-1930.....	2,038	771	31	40	160	112	39	20	306	43	21	1,266
1931-1935.....	1,993	708	37	42	153	118	49	14	206	54	33	1,286
1936-1940.....	2,344	967	41	55	326	132	50	13	229	44	76	1,577
1941-1945.....	2,555	859	36	71	233	126	34	17	224	39	78	1,702
1944.....	2,410	753	30	52	165	121	34	14	222	30	85	1,657
1945.....	2,760	878	55	77	192	115	32	27	261	38	86	1,672
1946.....	3,064	1,127	54	96	240	184	48	45	288	61	107	1,957
1947.....	2,926	838	24	86	224	106	36	39	181	40	113	2,066
SHEEP AND LAMBS												
Receipts:												
1926-1930.....	26,016	13,094	4,044	2,076	444	1,783	2,972	1,500	568	714	973	10,922
1931-1935.....	26,244	15,919	3,578	2,649	879	1,778	2,333	1,262	689	1,009	1,542	12,325
1936-1940.....	24,360	13,375	2,452	2,961	1,059	1,382	1,629	1,002	890	716	1,304	10,985
1941-1945.....	27,672	15,628	2,210	2,591	1,968	2,002	2,106	1,149	860	1,139	1,549	12,043
1944.....	29,208	16,864	2,056	2,518	2,657	2,247	2,370	1,120	822	1,265	1,709	12,344
1945.....	27,658	15,563	1,875	2,257	2,714	2,226	1,935	1,043	1,049	1,104	1,331	12,068
1946.....	26,147	13,618	1,487	2,102	2,331	1,968	1,779	909	956	917	1,169	12,529
1947.....	21,679	11,596	968	1,996	1,766	1,857	1,527	937	822	784	940	10,081
Shipments:												
1926-1930.....	13,371	6,316	1,206	1,869	232	504	1,252	374	215	218	457	7,055
1931-1935.....	13,949	6,647	839	2,593	313	549	805	257	155	350	787	7,302
1936-1940.....	12,107	5,651	446	2,569	450	391	573	196	212	224	591	6,455
1941-1945.....	12,863	6,327	314	2,047	794	833	704	240	263	442	691	7,536
1944.....	15,203	7,330	282	1,881	1,488	1,001	792	205	255	593	633	7,873
1945.....	14,359	6,742	374	1,684	1,330	1,054	583	193	422	496	636	7,617
1946.....	14,374	6,562	401	1,607	1,047	1,110	760	207	393	428	600	7,822
1947.....	11,698	5,344	280	1,424	824	1,011	532	299	299	256	407	6,391
SWINE												
Receipts:												
1926-1930.....	42,516	24,605	7,684	514	334	2,164	2,997	1,537	3,721	2,436	3,017	17,911
1931-1935.....	33,645	19,792	6,499	618	333	1,322	2,700	1,304	2,782	1,961	2,282	13,853
1936-1940.....	27,279	14,102	4,434	403	361	545	1,556	810	2,609	1,232	2,153	13,177
1941-1945.....	35,201	19,775	5,090	789	771	857	2,448	1,231	2,909	1,819	2,920	16,426
1944.....	44,511	24,283	6,013	1,051	1,002	1,506	3,495	1,810	3,456	2,486	3,374	20,223
1945.....	25,342	12,968	3,516	649	490	504	1,803	916	1,878	1,356	1,847	12,354
1946.....	28,465	14,745	3,541	829	873	675	2,143	1,203	1,904	1,750	2,127	12,720
1947.....	29,953	15,848	3,318	835	681	671	2,400	1,288	2,561	1,753	2,310	14,106

For footnotes, see next page.

# No. 758.—DOMESTIC ANIMALS—RECEIPTS AND SHIPMENTS, BY KIND, BY STOCKYARDS: 1926 to 1947—Continued

(In thousands)

ITEM AND YEARLY AVERAGE OR YEAR	Total, all stock- yards report- ing	BY STOCKYARDS										All other stock- yards report- ing	
		Total	Chi- cago	Den- ver	Fort Worth	Kan- sas City	Oma- ha	St. Jo- seph	St. Louis Na- tional Stock Yards	Stour City	South St. Paul		
SWINE													
Shipments													
1926-1930.....	15,889	8,664	1,997	121	20	741	925	384	2,733	885	869	7,204	
1931-1935.....	10,388	5,366	900	204	18	296	651	186	1,790	540	781	5,022	
1936-1940.....	7,617	2,907	518	85	43	121	233	75	1,118	250	466	4,710	
1941-1945.....	9,396	2,812	461	117	66	141	360	78	805	344	540	6,584	
1944.....	11,204	3,052	451	126	122	202	318	108	795	387	542	8,152	
1945.....	8,182	2,695	429	124	43	230	294	85	640	313	539	5,487	
1946.....	10,488	3,921	520	276	62	418	617	122	686	631	685	6,567	
1947.....	9,036	2,941	282	236	52	269	374	144	684	498	608	6,096	
HORSES AND MULES													
Receipts													
1926-1930.....	419	236	18	22	36	44	17	8	11	18	18	182	
1931-1935.....	399	231	16	11	26	47	28	7	60	16	18	168	
1936-1940.....	367	177	11	6	27	29	16	3	40	10	12	160	
1941-1945.....	328	137	4	9	28	35	16	3	30	4	8	191	
1944.....	352	142	4	11	29	34	17	3	32	4	8	210	
1945.....	402	163	3	7	38	46	14	8	39	4	8	229	
1946.....	658	313	2	12	71	92	28	6	77	16	10	345	
1947.....	315	101	2	6	27	26	7	2	23	4	3	214	

<sup>1</sup> Figures include animals purchased for Federal Surplus Relief Corporation as follows: Cattle and calves, June 6, 1934, to Feb. 7, 1935, and August and September 1936; sheep, Sept. 14 to Dec. 15, 1934.

<sup>2</sup> Includes many pigs and sows received for sale on Government account, Aug. 22 to Oct. 7, 1933.

Source: Department of Agriculture, Production and Marketing Administration, annual report, Agricultural Statistics. Data are published currently in mimeographed form.

# No. 759.—DOMESTIC ANIMALS—RECEIPTS AT PUBLIC STOCKYARDS, BY KIND, BY MONTHS: 1936 TO 1947

(In thousands)

PERIOD	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Cattle:</b>													
1936-1940, avg. <sup>1</sup> .....	14,579	1,170	902	1,061	1,032	1,088	1,094	1,173	1,384	1,533	1,666	1,379	1,097
1941-1945, avg.....	18,818	1,419	1,226	1,347	1,347	1,321	1,323	1,408	1,718	1,950	2,323	1,936	1,497
1944.....	20,513	1,545	1,347	1,366	1,299	1,486	1,473	1,607	1,540	2,100	2,491	2,128	1,636
1945.....	22,172	1,838	1,561	1,638	1,701	1,564	1,509	1,688	1,965	2,102	2,826	2,220	1,689
1946.....	21,278	1,559	1,582	1,486	1,663	1,319	1,206	2,378	1,935	1,372	2,717	2,129	1,884
1947.....	22,103	1,882	1,600	1,768	1,654	1,583	1,775	1,905	1,657	2,421	2,506	1,901	1,682
<b>Calves:</b>													
1936-1940, avg. <sup>1</sup> .....	6,712	497	420	514	534	555	548	545	608	653	723	618	496
1941-1945, avg.....	6,872	449	374	443	453	450	489	506	506	666	848	741	516
1944.....	7,289	419	375	485	435	520	557	612	741	758	996	857	575
1945.....	7,070	532	390	454	494	547	506	549	620	689	990	804	485
1946.....	6,818	402	378	434	493	465	464	745	630	561	947	746	563
1947.....	7,459	543	459	532	553	571	609	636	602	778	879	745	551
<b>Sheep and lambs:</b>													
1936-1940, avg.....	24,360	1,871	1,581	1,644	1,897	2,103	1,815	1,966	2,432	2,779	2,744	1,916	1,613
1941-1945, avg.....	27,672	1,963	1,572	1,685	1,659	2,179	2,104	2,228	2,646	3,389	3,594	2,575	2,129
1944.....	29,208	2,010	1,587	1,571	1,465	2,456	2,704	2,583	2,765	3,421	3,732	2,801	2,134
1945.....	27,668	2,297	1,643	1,726	1,737	2,579	2,419	2,165	2,279	2,811	3,640	2,270	2,102
1946.....	26,147	1,663	2,481	1,753	1,984	1,610	2,621	2,286	2,187	2,542	3,660	1,966	1,406
1947.....	31,679	1,689	1,408	1,293	1,306	1,713	1,882	1,677	1,688	2,462	2,871	1,833	1,587
<b>Swine:</b>													
1936-1940, avg.....	27,279	2,879	2,151	2,216	2,045	2,052	1,978	1,770	1,801	1,930	2,469	2,904	3,084
1941-1945, avg.....	35,201	3,764	2,916	3,045	2,794	2,945	2,944	2,563	2,219	2,180	2,544	2,430	3,568
1944.....	44,511	5,278	4,799	4,764	3,932	4,169	3,862	3,231	2,704	2,304	2,743	3,890	3,368
1945.....	26,342	3,361	2,015	2,063	1,924	2,027	1,967	1,610	1,292	1,191	1,469	2,935	3,438
1946.....	28,465	3,344	2,952	2,211	2,472	2,431	1,366	3,070	1,832	293	2,268	3,244	2,993
1947.....	29,963	3,469	2,314	2,017	2,248	2,270	2,329	2,308	1,774	1,942	2,307	3,304	3,771

<sup>1</sup> See note 1, table 756.

Source: Department of Agriculture, Production and Marketing Administration; annual report, Agricultural Statistics.

**No. 760.—DOMESTIC ANIMALS—RECEIPTS, LOCAL SLAUGHTER, AND STOCKER AND FEEDER SHIPMENTS AT PUBLIC STOCKYARDS, BY KIND: 1926 TO 1947**

[In thousands]

ITEM	1926-1936, average	1937-1938, <sup>1</sup> average	1939-1940, <sup>1</sup> average	1941-1945, average	1946	1947	1948	1949
<b>Cattle:</b>								
Receipts.....	15,323	14,466	14,879	18,817	20,513	22,172	21,278	22,103
Local slaughter.....	8,901	8,156	8,249	9,584	10,382	10,110	7,838	11,232
Stocker and feeder shipments.....	3,286	2,601	2,975	3,901	3,753	4,107	4,730	4,236
<b>Calves:</b>								
Receipts.....	6,420	6,385	6,712	6,572	7,389	7,070	6,818	7,489
Local slaughter.....	4,444	4,408	4,172	3,991	4,848	4,279	3,659	4,412
Stocker and feeder shipments.....	387	453	748	815	837	690	851	817
<b>Sheep and lambs:</b>								
Receipts.....	26,016	28,244	24,360	27,672	28,308	27,658	26,147	21,679
Local slaughter.....	12,626	14,267	12,235	13,807	14,012	13,293	11,775	9,886
Stocker and feeder shipments.....	4,912	3,606	3,273	4,359	4,282	3,944	3,890	3,922
<b>Swine:</b>								
Receipts.....	42,516	33,645	27,279	35,201	44,511	26,343	28,455	29,953
Local slaughter.....	26,603	23,277	19,592	25,751	33,243	17,120	17,943	20,801
Stocker and feeder shipments.....	736	429	477	676	753	531	518	602

<sup>1</sup> See notes 1 and 2, table 758.

Source: Department of Agriculture, Production and Marketing Administration; annual report, Agricultural Statistics.

**No. 761.—MEAT ANIMALS SLAUGHTERED—TOTAL AND SLAUGHTER UNDER FEDERAL INSPECTION, BY KIND: 1901 TO 1947**

[In thousands. Excludes slaughter in Hawaii and the Virgin Islands beginning 1940]

YEARLY AVERAGE OR YEAR	CATTLE		CALVES		SHEEP AND LAMBS		HOGS		Goats, Federally inspected
	Total	Federally inspected	Total	Federally inspected	Total	Federally inspected	Total	Federally inspected	
1901-1906.....	12,179	6,609	5,005	800	13,380	10,219	51,451	29,280	.....
1906-1910.....	13,537	7,595	4,582	2,010	14,519	10,739	55,578	32,109	175
1911-1915.....	13,144	7,152	6,394	1,976	17,859	13,669	57,300	34,460	103
1916-1920.....	15,025	9,838	7,633	3,399	14,055	11,056	63,179	39,608	126
1921-1925.....	13,974	8,979	9,289	4,556	15,454	11,591	69,569	46,290	26
1926-1930.....	12,860	8,932	8,133	4,789	17,648	14,010	67,991	45,335	22
1931-1935 <sup>1</sup> .....	13,264	8,799	8,885	5,175	22,099	17,495	65,740	41,435	34
1936-1940 <sup>1</sup> .....	15,110	10,001	9,580	5,693	21,724	17,427	63,109	39,130	7
1941-1945.....	18,766	12,696	11,359	6,244	24,992	21,240	83,026	54,765	14
1937.....	15,254	10,070	10,304	4,281	21,455	17,270	53,715	31,542	8
1938.....	14,822	9,776	9,305	5,492	22,423	18,060	58,927	36,186	6
1939.....	14,621	9,446	9,191	5,264	21,614	17,241	60,561	41,368	3
1940.....	14,958	9,743	9,069	5,358	21,571	17,349	77,010	50,398	5
1941.....	16,419	10,932	9,252	5,461	22,309	18,122	71,397	48,520	10
1942.....	18,033	12,340	9,718	5,780	25,585	21,624	78,547	53,897	25
1943.....	17,845	11,721	9,940	5,209	27,073	23,363	95,226	63,431	14
1944.....	19,844	13,955	14,242	7,769	25,355	21,875	98,068	69,017	7
1945.....	21,691	14,531	13,645	7,020	24,839	21,218	71,891	40,960	13
1946.....	19,824	11,402	12,168	5,841	22,814	19,884	76,244	44,394	87
1947.....	<sup>2</sup> 22,200	15,524	<sup>2</sup> 13,800	7,933	<sup>2</sup> 18,800	16,667	<sup>2</sup> 75,500	49,116	114

<sup>1</sup> Average for 1907-10.

<sup>2</sup> Excludes animals slaughtered under Government account, as follows: Cattle—1934, 3,334,000; 1935, 187,000; 1936, 4,000. Calves—1934, 1,377,000; 1936, 39,000. Sheep, 1934, 1,356,000. Hogs, 1933, 6,411,000. Goats, 1934, 89,000.

<sup>3</sup> Preliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics and Production and Marketing Administration; data published in Livestock, Meats, and Wool Market Statistics and Livestock and Wool Situation reports.

### No. 762.—DOMESTIC ANIMALS—AVERAGE PRICES RECEIVED BY FARMERS AND AVERAGE CHICAGO MARKET PRICE, BY KIND: 1911 TO 1947

[Milk cows, dollars per head; others in dollars per 100 pounds, live weight. Prices are weighted calendar year averages, except those for milk cows at local markets, and calves, sheep, and lambs at Chicago, which are simple averages of monthly prices]

PERIOD	Milk cows at local market, per head	BEEF CATTLE <sup>1</sup>		CALVES, VEAL		SHEEP		LAMBS		HOGS	
		Local market	Chi-cago	Local market	Chi-cago	Local market	Chi-cago	Local market	Chi-cago	Local market	Chi-cago
1911-1915.....	52.30	5.80	7.89	7.10	9.20	4.58	5.13	6.02	7.57	8.88	7.00
1916-1920.....	79.50	8.77	12.91	11.00	14.35	8.91	10.25	11.90	15.06	13.54	14.78
1921-1925.....	56.30	5.91	9.13	7.96	9.78	6.25	7.02	10.16	13.53	8.24	9.04
1926-1930.....	79.80	8.21	11.82	10.61	13.07	6.75	6.57	10.99	13.54	9.66	10.28
1931-1935.....	40.20	4.74	7.44	5.72	7.08	2.85	2.81	5.67	7.37	5.08	5.57
1936-1940.....	57.16	6.91	9.97	8.09	9.91	3.94	4.04	7.95	9.64	7.65	8.06
1941-1945.....	98.68	10.84	14.41	12.38	14.36	5.96	6.45	11.96	13.89	12.89	13.14
1945.....	114.00	11.90	15.30	13.30	15.18	6.57	7.52	13.00	14.91	13.70	14.31
1944.....	107.00	10.80	15.44	12.40	14.86	6.01	6.34	12.50	14.52	13.10	13.57
1943.....	111.00	12.10	16.18	13.10	15.12	6.38	7.05	13.10	14.90	14.00	14.66
1942.....	131.00	14.80	19.16	15.30	16.87	7.48	7.83	15.60	18.40	17.50	18.40
1947.....	151.00	* 18.50	25.83	* 20.40	24.98	* 8.45	8.45	* 20.50	22.63	* 24.10	24.45

<sup>1</sup> Chicago prices are for beef steers, all grades, excluding Western.

<sup>2</sup> Preliminary.

Sources: Department of Agriculture, Bureau of Agricultural Economics and Production and Marketing Administration; annual report, Agricultural Statistics. All local market prices and Chicago prices of beef cattle and hogs are published currently in Livestock Market News.

### No. 763.—DOMESTIC ANIMALS—MONTHLY AVERAGE PRICES AT CHICAGO, BY KIND: 1942 TO 1947

[In dollars per 100 pounds, live weight]

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average <sup>1</sup>
<b>Beef steers: <sup>2</sup></b>													
1942.....	12.00	12.39	12.59	13.26	13.22	13.11	13.63	14.87	14.84	15.21	15.30	14.85	13.79
1943.....	14.84	15.14	15.54	15.71	15.44	15.56	15.32	15.36	15.45	15.30	15.10	14.87	15.20
1944.....	14.82	14.91	15.12	15.04	15.44	15.06	16.06	16.07	15.78	15.95	15.78	14.87	15.44
1945.....	14.71	15.12	15.64	16.14	16.36	16.58	16.64	16.42	16.62	16.88	16.91	16.59	16.18
1946.....	16.49	16.14	16.26	16.56	16.77	17.30	21.36	21.71	17.99	23.57	23.64	23.19	19.16
1947.....	22.16	21.94	23.30	22.93	24.06	25.87	27.85	28.84	29.54	29.82	29.52	29.08	25.53
<b>Calves, veal: <sup>3</sup></b>													
1942.....	14.16	14.06	14.41	14.06	14.92	14.45	14.30	14.88	14.90	14.50	14.50	14.56	14.48
1943.....	15.38	16.40	16.56	14.78	15.47	15.17	14.79	15.49	15.00	14.50	14.36	14.15	15.18
1944.....	14.25	14.19	14.55	15.00	15.15	15.38	14.54	14.55	15.26	15.38	15.02	15.00	14.86
1945.....	15.00	15.10	15.92	16.68	15.47	15.40	15.11	14.72	13.93	14.48	14.75	14.94	15.12
1946.....	14.78	14.99	15.66	15.50	15.45	15.99	17.97	16.83	16.17	18.72	20.28	20.13	16.67
1947.....	24.58	26.00	24.76	23.14	24.95	24.69	23.07	23.08	25.08	26.20	26.01	26.18	24.98
<b>Sheep: <sup>4</sup></b>													
1942.....	5.78	6.38	7.28	7.22	7.28	5.84	5.30	5.78	5.71	5.68	5.09	7.48	6.30
1943.....	8.39	8.79	9.05	9.00	9.22	7.82	7.41	6.75	6.30	5.44	5.61	6.42	7.52
1944.....	7.31	7.99	8.37	8.53	6.28	6.34	5.22	4.65	4.84	5.25	5.80	5.97	6.34
1945.....	7.25	8.36	8.78	8.69	7.34	7.14	7.40	6.15	5.53	5.58	5.88	6.50	7.05
1946.....	6.48	7.50	7.50	8.00	7.80	7.88	9.58	6.50	8.62	9.12	7.75	7.50	7.83
1947.....	8.25	8.88	9.88	9.75	8.38	6.75	7.25	8.00	8.00	8.62	8.25	9.50	9.44
<b>Lambs: <sup>5</sup></b>													
1942.....	12.34	12.03	12.00	12.78	14.64	14.75	14.18	14.80	14.16	14.30	14.63	15.39	13.82
1943.....	15.88	15.91	16.24	15.98	15.82	15.22	14.49	14.06	13.96	13.75	13.54	14.12	14.91
1944.....	15.00	15.66	15.84	15.94	15.04	14.55	13.19	13.51	13.51	13.84	13.87	14.14	14.53
1945.....	15.02	16.00	16.31	16.30	15.29	15.29	15.55	13.81	13.26	14.02	14.00	13.89	14.90
1946.....	14.30	14.70	15.16	15.55	16.00	16.75	20.38	20.50	19.00	23.00	22.25	23.25	18.40
1947.....	23.25	23.12	23.12	21.25	21.63	24.25	22.75	20.25	22.50	22.62	22.75	24.08	22.63
<b>Hogs: <sup>6</sup></b>													
1942.....	11.36	12.56	13.37	14.18	14.07	14.19	14.25	14.37	14.45	14.98	13.90	14.01	13.70
1943.....	14.76	15.35	15.59	15.13	14.44	13.85	13.56	13.97	14.68	14.63	13.64	13.35	14.31
1944.....	13.21	13.50	13.94	13.83	12.91	12.66	13.25	14.32	14.42	14.49	14.14	14.19	13.57
1945.....	14.66	14.70	14.70	14.71	14.71	14.69	14.54	14.51	14.54	14.75	14.67	14.66	14.66
1946.....	14.72	14.77	14.80	14.81	14.81	14.77	17.94	20.84	16.25	22.82	24.07	22.87	18.40
1947.....	22.45	25.70	27.10	23.49	22.24	22.06	22.11	23.74	26.68	27.81	24.95	26.31	24.45

<sup>1</sup> Simple averages of monthly prices, except those for beef steers and hogs, which are weighted averages.

<sup>2</sup> Excludes Western steers.

<sup>3</sup> Good and choice grades.

<sup>4</sup> Bulk of sales. Slaughter ewes (wolls excluded) and native lambs.

<sup>5</sup> Packer and shipper purchases.

Sources: Department of Agriculture, Production and Marketing Administration. Data for beef steers and hogs are published currently in Livestock Market News.



**No. 764.—DOMESTIC ANIMALS—MONTHLY AVERAGE PRICES RECEIVED BY FARMERS,  
BY KIND: 1945, 1946, AND 1947**

[In dollars per 100 pounds, live weight. Average prices for year are weighted averages]

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
<b>Beef cattle:</b>													
1945.....	11.00	11.80	12.50	13.10	13.40	13.40	12.00	12.40	11.80	11.80	11.80	11.80	12.10
1946.....	12.00	12.60	13.10	13.40	13.70	13.80	15.70	15.70	13.80	16.00	15.20	16.80	14.50
1947 <sup>1</sup> .....	16.70	17.00	18.50	18.30	18.60	19.50	19.80	20.00	20.20	19.30	18.80	19.80	18.50
<b>Calves, veal:</b>													
1945.....	12.90	13.20	13.50	13.90	13.80	13.80	13.90	13.30	12.90	12.70	12.60	12.60	13.10
1946.....	13.30	13.70	13.90	14.30	14.40	14.80	16.30	15.90	15.20	16.20	16.70	17.00	15.30
1947 <sup>1</sup> .....	18.00	19.00	20.20	19.60	20.10	20.80	20.80	20.80	21.70	21.30	21.40	22.30	20.40
<b>Sheep:</b>													
1945.....	6.18	6.58	6.87	7.17	6.99	6.82	6.83	6.39	5.90	5.79	5.66	5.95	6.38
1946.....	6.34	6.62	6.87	7.01	7.06	7.23	8.14	7.14	7.62	8.43	7.70	7.65	7.48
1947 <sup>1</sup> .....	7.64	7.78	8.28	8.66	8.78	8.40	8.66	8.58	8.62	8.42	8.63	8.62	8.45
<b>Lambs:</b>													
1945.....	12.90	13.50	13.80	13.90	13.60	13.40	13.40	12.90	12.50	12.50	12.70	12.90	13.10
1946.....	12.90	13.40	13.70	14.00	14.10	14.80	15.90	16.40	15.70	17.40	18.50	14.70	15.00
1947 <sup>1</sup> .....	19.10	19.60	20.00	19.60	19.80	21.10	21.10	21.00	21.60	20.30	20.80	21.20	20.60
<b>Hogs:</b>													
1945.....	13.80	14.00	14.00	14.10	14.10	14.10	14.10	14.10	14.10	14.10	14.30	14.20	14.00
1946.....	14.10	14.20	14.20	14.20	14.30	14.30	17.20	20.80	16.10	22.20	23.00	22.80	17.50
1947 <sup>1</sup> .....	21.90	24.30	26.40	24.30	24.30	24.30	23.80	23.80	27.20	27.60	24.20	24.90	24.10

<sup>1</sup> Preliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics. Published currently in Agricultural Prices. Also published in Crops and Markets.

**No. 765.—ANIMALS BUTCHERED AND ANIMALS SOLD ALIVE—FARMS REPORTING,  
NUMBER, AND VALUE, BY KIND: 1944**

ITEM	Cattle and calves, total	Cattle	Calves	Hogs and pigs	Sheep and lambs
<b>ANIMALS BUTCHERED</b>					
Farms reporting.....	(1)	696,068	412,661	3,823,227	(1)
Number (thousands).....	1,528	918	610	10,520	(1)
Value (thousands of dollars).....	92,345	70,812	21,534	308,121	(1)
<b>ANIMALS SOLD ALIVE</b>					
Farms reporting.....	3,014,338	(1)	(1)	2,104,170	332,449
Number (thousands).....	26,107	(1)	(1)	68,122	28,736
Value (thousands of dollars).....	2,574,664	(1)	(1)	1,968,834	254,275

<sup>1</sup> Not available.

**No. 766.—SPECIFIED ANIMAL PRODUCTS OF FARMS—QUANTITY AND VALUE, BY  
KIND: 1934, 1939, AND 1944**

PRODUCT	FARMS REPORTING		Unit of quantity	QUANTITY (THOUSANDS)			VALUE (THOUSANDS OF DOLLARS)		
	1939	1944		1934	1939	1944	1934	1939	1944
<b>Total value.....</b>							(1)	2,499,441	5,617,875
<b>Milk produced.....</b>	4,663,431	4,494,882	Gal.	10,666,065	11,508,244	12,710,515	(1)	1,696,725	3,238,356
Whole milk sold.....	953,808	1,163,218	Gal.	(1)	5,375,408	7,583,962	(1)	917,065	2,149,108
Cream sold (butterfat content).....	1,460,383	1,176,457	Lb.	(1)	1,090,261	805,102	(1)	265,013	408,494
Butter sold.....	389,316	217,135	Lb.	(1)	76,358	35,042	(1)	19,178	15,194
Wool produced.....	501,956	401,634	Lb.	338,682	299,773	279,979	73,745	65,412	118,283
Chicken eggs produced.....	4,875,472	4,763,042	Doz.	2,160,906	2,391,092	3,370,070	365,182	415,471	1,095,789
Chickens raised.....	4,674,462	4,662,189	No.	598,867	650,566	970,595	305,714	359,107	1,005,760
Turkeys raised.....	399,352	193,640	No.	(1)	27,934	27,202	(1)	62,716	189,690

<sup>1</sup> Not available.

<sup>2</sup> Computed at average return for milk utilized in dairy products sold.

Source of tables 765 and 766: Dept. of Commerce, Bureau of Census; 1945 Census of Agriculture. Vol. II.

No. 767.—MEATS AND LARD—PRODUCTION, FOREIGN TRADE, AND CONSUMPTION,  
BY KIND: 1938 TO 1946

[All amounts, except per capita, in millions of pounds. Pork production represents total hog-carcase weight, less raw fat from carcass rendered into lard. Other meat production represents dressed carcass weight only, with edible byproducts excluded. Lard production represents rendered weight of lard. Uninspected production includes farm, retail, and nonfederally inspected wholesale slaughter. Exports and imports of meats comprise the several kinds of meat converted to a dressed-carcase-weight basis. Lard exports represent rendered lard, including neutral lard. Exports include shipments to Alaska, Hawaii, Puerto Rico, and Virgin Islands. Consumption represents production plus imports less exports, with allowance for changes in storage stocks. Figures for recent years are subject to revision.]

YEAR	PRODUCTION			Exports of U. S. production	Imports for con- sumption	CONSUMPTION	
	Total	Federally inspected	Unin- spected (esti- mated)			Total	Per capita (pounds) <sup>1</sup>
All meats (excluding lard):							
1938	16,479	10,963	5,496	207	257	16,500	126.2
1939	17,534	11,608	5,926	246	264	17,493	132.8
1940	19,083	12,855	6,228	222	175	18,819	141.7
1941	19,577	13,433	6,144	<sup>2</sup> 189	270	19,802	141.9
1942	21,017	15,458	6,461	<sup>2</sup> 70	214	18,410	139.3
1943	24,486	16,833	7,653	<sup>2</sup> 80	235	17,947	138.6
1944	25,181	17,924	7,257	<sup>2</sup> 102	191	19,746	152.8
1945	23,691	15,363	8,328	<sup>2</sup> 75	130	18,650	143.8
1946	22,961	13,800	9,161	117	21	21,234	153.6
Beef:							
1938	4,908	4,798	2,110	53	300	7,058	54.0
1939	7,011	4,803	2,208	52	219	7,159	54.4
1940	7,182	4,971	2,211	56	168	7,264	54.7
1941	8,089	5,739	2,350	<sup>2</sup> 98	257	7,975	60.2
1942	8,847	6,347	2,500	<sup>2</sup> 15	211	8,107	61.3
1943	8,575	5,970	2,605	<sup>2</sup> 34	225	8,432	49.6
1944	9,115	6,655	2,460	<sup>2</sup> 40	190	8,927	53.6
1945	10,279	7,240	3,039	<sup>2</sup> 34	127	7,637	58.9
1946	9,378	5,666	3,712	35	19	8,408	60.5
Veal:							
1938	994	581	413	—	( <sup>2</sup> )	994	7.6
1939	991	559	432	—	( <sup>2</sup> )	992	7.5
1940	961	568	413	—	( <sup>2</sup> )	961	7.4
1941	1,036	599	437	—	1	1,011	7.6
1942	1,151	667	484	<sup>2</sup> 3	1	1,065	8.1
1943	1,167	697	470	<sup>2</sup> 3	1	1,045	8.1
1944	1,738	926	812	<sup>2</sup> 3	1	1,598	12.4
1945	1,661	823	838	<sup>2</sup> 3	1	1,628	11.8
1946	1,440	642	798	—	1	1,376	9.9
Lamb and mutton:							
1938	697	720	177	2	( <sup>2</sup> )	694	6.9
1939	873	694	178	2	( <sup>2</sup> )	868	6.6
1940	876	702	174	3	( <sup>2</sup> )	873	6.6
1941	924	750	174	<sup>2</sup> 3	( <sup>2</sup> )	905	6.8
1942	1,043	880	163	<sup>2</sup> 2	1	946	7.2
1943	1,104	958	146	<sup>2</sup> 4	1	823	6.4
1944	1,024	697	137	<sup>2</sup> 6	( <sup>2</sup> )	839	6.6
1945	1,054	912	141	<sup>2</sup> 4	( <sup>2</sup> )	939	7.2
1946	970	850	120	4	( <sup>2</sup> )	928	6.7
Pork (excluding lard):							
1938	7,680	4,854	2,796	152	57	7,554	57.8
1939	8,660	6,552	3,108	192	45	8,474	64.5
1940	10,044	6,614	3,430	163	7	9,701	73.0
1941	9,528	6,345	3,183	<sup>2</sup> 88	12	8,911	67.3
1942	10,876	7,562	3,314	<sup>2</sup> 50	1	8,292	62.7
1943	13,640	9,308	4,332	<sup>2</sup> 39	8	9,647	74.5
1944	13,304	9,456	3,848	<sup>2</sup> 53	—	10,362	80.2
1945	10,697	6,397	4,310	<sup>2</sup> 34	2	8,546	65.9
1946	11,173	6,642	4,531	75	1	10,522	76.7
Lard							
1938	1,728	1,034	694	234	( <sup>2</sup> )	1,440	11.0
1939	2,037	1,272	765	311	( <sup>2</sup> )	1,671	12.7
1940	2,268	1,527	741	233	( <sup>2</sup> )	1,994	14.8
1941	2,228	1,526	702	424	( <sup>2</sup> )	1,879	14.2
1942	2,401	1,724	676	594	( <sup>2</sup> )	1,802	13.6
1943	2,865	2,080	785	776	1	1,838	14.2
1944	3,054	2,367	687	<sup>2</sup> 694	( <sup>2</sup> )	1,873	14.5
1945	2,066	1,311	755	<sup>2</sup> 664	( <sup>2</sup> )	1,605	12.4
1946	2,138	1,344	794	<sup>2</sup> 470	( <sup>2</sup> )	1,667	12.0

<sup>1</sup> Excludes military forces for years 1941 through 1946.

<sup>2</sup> Commercial exports and shipments; does not include Lend-lease.

<sup>3</sup> Less than 500,000 pounds.

<sup>4</sup> Excludes military procurement for relief abroad, 27 million pounds in 1944; 74 million pounds in 1945; and 12 million pounds in 1946.

Source: Dept. of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics, and monthly reports, The National Food Situation and The Livestock and Wool Situation.

**No. 768.—MILK PRODUCED ON FARMS AND WHOLE MILK, CREAM, AND BUTTER SOLD, BY STATES: 1939 AND 1944**

DIVISION AND STATE	MILK PRODUCED (thousands of gallons)		WHOLE MILK SOLD (thousands of gallons)		CREAM SOLD (butterfat content) (thousands of pounds)		BUTTER SOLD (thousands of pounds)	
	1939	1944	1939	1944	1939	1944	1939	1944
<b>United States.....</b>	<b>11,508,344</b>	<b>12,710,515</b>	<b>2,275,408</b>	<b>7,523,952</b>	<b>1,090,251</b>	<b>305,182</b>	<b>75,355</b>	<b>35,042</b>
<b>New England.....</b>	<b>429,029</b>	<b>466,906</b>	<b>347,424</b>	<b>403,654</b>	<b>5,388</b>	<b>2,013</b>	<b>4,635</b>	<b>2,530</b>
Maine.....	65,750	67,457	35,149	44,711	1,804	742	2,016	1,086
New Hampshire.....	39,775	40,214	30,782	32,840	388	155	309	336
Vermont.....	147,743	171,753	128,330	158,110	1,114	526	921	429
Massachusetts.....	89,658	93,156	78,336	83,632	404	519	174	85
Rhode Island.....	14,219	15,547	12,824	14,169	71	18	9	1
Connecticut.....	71,984	77,879	62,003	70,198	266	57	98	42
<b>Middle Atlantic.....</b>	<b>1,433,692</b>	<b>1,607,448</b>	<b>1,229,453</b>	<b>1,421,424</b>	<b>10,815</b>	<b>7,317</b>	<b>9,938</b>	<b>5,091</b>
New York.....	638,415	914,322	738,890	827,922	5,142	2,555	4,205	1,956
New Jersey.....	101,930	118,473	93,533	109,225	182	83	106	25
Pennsylvania.....	493,346	576,653	397,050	484,278	5,490	4,700	5,627	3,101
<b>East North Central.....</b>	<b>3,218,326</b>	<b>3,706,225</b>	<b>2,077,134</b>	<b>2,927,296</b>	<b>244,767</b>	<b>125,610</b>	<b>8,626</b>	<b>2,538</b>
Ohio.....	496,972	560,767	302,998	423,993	36,336	19,301	2,661	857
Indiana.....	348,414	399,492	179,066	275,269	36,318	21,287	1,139	318
Illinois.....	627,833	604,234	303,108	415,639	42,978	33,005	1,111	387
Michigan.....	623,485	581,533	279,634	392,296	54,835	38,312	2,223	677
Wisconsin.....	1,821,612	1,550,198	1,012,330	1,420,096	74,200	13,705	737	299
<b>West North Central.....</b>	<b>2,765,970</b>	<b>2,914,479</b>	<b>398,346</b>	<b>806,467</b>	<b>577,562</b>	<b>501,890</b>	<b>5,519</b>	<b>1,063</b>
Minnesota.....	866,660	909,468	128,964	364,942	209,328	147,114	707	172
Iowa.....	652,730	691,178	68,610	99,811	150,647	149,477	725	144
Missouri.....	331,573	390,022	98,508	190,026	37,771	31,061	1,769	396
North Dakota.....	205,329	204,561	7,439	8,805	44,736	46,657	508	61
South Dakota.....	160,159	151,649	11,569	13,218	34,703	33,398	391	43
Nebraska.....	252,475	264,622	29,608	38,130	48,618	48,618	607	74
Kansas.....	287,114	302,978	56,590	91,535	51,554	45,365	724	111
<b>South Atlantic.....</b>	<b>708,885</b>	<b>648,310</b>	<b>239,799</b>	<b>355,329</b>	<b>16,968</b>	<b>12,250</b>	<b>19,745</b>	<b>11,474</b>
Delaware.....	15,207	18,436	11,808	15,801	106	32	121	115
Maryland.....	98,534	116,266	77,286	96,213	1,071	909	1,063	641
Dist. of Columbia.....	847	424	520	389	4	5	5	2
Virginia.....	163,844	177,522	49,866	77,423	6,461	6,548	4,357	2,156
West Virginia.....	83,948	86,314	18,350	28,796	4,587	3,560	2,008	1,189
North Carolina.....	143,420	160,648	26,150	49,480	1,776	1,061	5,092	2,323
South Carolina.....	58,800	65,351	10,404	17,528	401	239	1,890	1,386
Georgia.....	117,838	127,685	22,706	38,488	1,295	811	4,833	2,623
Florida.....	36,742	55,653	22,709	41,211	268	75	367	137
<b>East South Central.....</b>	<b>690,821</b>	<b>775,965</b>	<b>173,805</b>	<b>286,773</b>	<b>29,444</b>	<b>26,163</b>	<b>11,796</b>	<b>6,452</b>
Kentucky.....	206,971	244,202	49,998	84,213	17,054	17,151	1,875	676
Tennessee.....	204,564	233,269	64,509	107,609	8,937	6,846	4,638	2,014
Alabama.....	126,655	142,717	19,805	35,955	1,061	714	3,716	2,961
Mississippi.....	150,430	165,796	39,494	58,995	2,392	1,452	1,566	801
<b>West South Central.....</b>	<b>972,253</b>	<b>951,971</b>	<b>205,576</b>	<b>309,271</b>	<b>89,021</b>	<b>66,656</b>	<b>12,228</b>	<b>5,157</b>
Arkansas.....	150,829	148,412	17,292	38,189	11,167	8,493	2,118	1,029
Louisiana.....	76,397	86,026	22,797	32,631	497	203	635	361
Oklahoma.....	269,899	284,349	39,375	72,224	44,734	37,632	1,563	410
Texas.....	475,130	483,185	126,111	168,327	32,624	1,002	8,913	2,836
<b>Mountain.....</b>	<b>456,895</b>	<b>492,126</b>	<b>164,671</b>	<b>264,572</b>	<b>53,218</b>	<b>37,528</b>	<b>1,808</b>	<b>391</b>
Montana.....	72,443	72,296	11,940	17,546	11,106	10,593	595	110
Idaho.....	131,154	147,965	53,527	103,149	16,732	7,305	217	44
Wyoming.....	32,689	29,972	8,097	10,782	3,756	3,271	162	33
Colorado.....	100,536	102,118	34,290	43,790	12,073	10,995	393	70
New Mexico.....	29,372	29,009	5,335	10,058	3,419	2,390	203	49
Arizona.....	24,393	29,916	14,196	21,341	1,404	317	92	37
Utah.....	54,789	71,323	23,703	53,548	2,869	1,574	111	40
Nevada.....	11,519	10,525	3,082	4,389	1,857	1,092	17	9
<b>Pacific.....</b>	<b>842,371</b>	<b>986,966</b>	<b>536,738</b>	<b>799,166</b>	<b>64,678</b>	<b>24,877</b>	<b>1,073</b>	<b>367</b>
Washington.....	206,403	220,585	110,121	152,492	18,862	9,456	425	156
Oregon.....	150,449	154,826	59,671	91,109	20,181	10,640	204	60
California.....	485,519	613,554	366,996	555,565	25,234	4,681	445	162

Source: Department of Commerce, Bureau of the Census; 1944 Census of Agriculture, Vol. II.

## No. 769.—DAIRY PRODUCTS MANUFACTURED—QUANTITY, BY KIND: 1941 TO 1946

PRODUCT	1941	1942	1943	1944	1945	1946
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Creamery butter (incl. whey butter).....	1,872,183	1,764,054	1,673,788	1,488,802	1,363,717	1,171,288
Renovated or process butter.....	3,185	3,788	2,940	6,406	2,345	1,441
American cheese:						
Whole milk.....	783,123	916,850	785,089	804,787	875,084	801,808
Part skim.....	4,139	3,789	4,670	2,348	1,098	2,606
Full skim.....	416	1,001	2,337	2,628	2,172	2,387
Swiss cheese (including block).....	55,952	52,501	45,628	45,571	50,065	55,192
Brick and Munster cheese.....	32,066	28,798	27,978	27,435	14,736	17,678
Limburger cheese.....	8,088	8,441	6,653	7,510	8,777	9,548
Cream cheese.....	50,012	47,554	70,451	80,440	66,912	73,226
All Italian varieties of cheese.....	34,363	34,916	43,003	41,763	64,638	75,288
All other varieties of cheese.....	18,409	19,435	29,824	27,494	35,462	65,275
Cottage, pot, and bakers' cheese.....	187,506	196,799	213,910	224,374	284,774	( <sup>1</sup> )
Condensed milk (sweetened):						
Skimmed.....	175,992	230,679	207,696	374,942	519,404	835,370
Unskimmed.....	194,071	137,835	183,835	202,731	220,322	183,646
Unsweetened condensed milk (plain):						
Skimmed.....	326,535	318,379	325,612	363,771	454,443	486,530
Unskimmed.....	113,965	125,680	102,452	119,403	128,875	111,428
Evaporated milk (unsweetened):						
Unskimmed.....	3,346,547	3,518,504	3,057,274	3,428,089	3,776,383	3,050,643
Concentrated skim milk (for animal feed)	19,450	13,211	14,964	20,489	12,250	23,408
Condensed or evaporated buttermilk (including concentrated product).....	128,183	169,999	167,338	157,503	160,441	226,708
Dry buttermilk.....	75,614	69,637	60,985	56,083	49,578	38,741
Dry whole milk.....	45,627	62,167	137,766	177,754	217,276	198,406
Nonfat dry milk solids <sup>2</sup> .....	476,497	626,582	533,899	599,319	660,034	667,169
Dry cream.....	43	54	216	193	208	567
Dry whey.....	111,318	124,479	110,158	141,563	135,920	147,953
Dry casein (skim milk or buttermilk product).....	47,346	42,268	18,380	15,264	12,533	18,319
Malted milk powder.....	23,242	34,679	49,435	40,549	42,751	45,029
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
Ice cream of all kinds <sup>3</sup> .....	590,175	484,148	411,636	444,198	476,357	713,844
Sherbets (does not include water ices).....	8,060	8,772	47,218	49,481	65,177	12,019
Ice milk.....	13,980	14,002	10,041	9,038	12,527	15,471
Frozen custards.....	750	988	1,543	1,400	2,410	1,923
Frosted or frozen malted milk.....	3,383	3,575	3,840	3,290	4,048	3,703

<sup>1</sup> Cream and Neufchatel.<sup>2</sup> Comparable data not available.<sup>3</sup> Includes dry skim milk for animal feed.<sup>4</sup> Includes data for ice cream made by counter freezers and by other small retailers.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, Production of Manufactured Dairy Products, also published in annual report, Agricultural Statistics.

No. 770.—MILK—ESTIMATED CONSUMPTION IN MANUFACTURE OF MILK PRODUCTS:  
1939 TO 1946

(In millions of pounds)

PRODUCT	1939	1940	1941	1942	1943	1944	1945	1946
Total.....	51,661	54,580	59,655	60,399	56,749	54,749	54,871	51,764
Creamery butter <sup>1</sup> .....	35,672	35,001	37,412	35,163	33,762	29,907	27,285	23,373
Cheese <sup>2</sup> .....	7,091	7,862	9,552	11,121	9,923	10,134	11,123	10,952
Evaporated milk (case goods) <sup>3</sup> .....	4,636	5,266	7,023	7,692	6,594	7,384	8,147	6,573
Condensed milk (case and bulk) <sup>4</sup> .....	455	614	718	617	672	757	815	680
Ice cream (factory) <sup>5</sup> .....	2,568	2,730	4,540	5,338	4,580	4,606	6,131	8,198
Dry whole milk.....	185	223	474	474	1,052	1,355	1,630	1,422
Malted milk.....	63	63	93	93	132	106	112	117
Other dairy products <sup>6</sup> .....	1	1	1	1	64	406	606	435

<sup>1</sup> Excludes farm butter and milk equivalent of whey butter.<sup>2</sup> Excludes cottage, pot, and bakers' cheese.<sup>3</sup> Excludes product made from skimmed milk.<sup>4</sup> Excludes milk equivalent of butter or concentrated milk used as sources of fat in ice cream. Beginning with 1943 includes ice milk and sherbet.<sup>5</sup> Includes dry cream, dry part-skim milk, and dry ice cream mix.<sup>6</sup> Includes milk equivalent of cream used in creamed cottage cheese.

Source: Dept. of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics.

# No. 771.—BUTTER AND CHEESE—PRODUCTION, GROSS RECEIPTS AT LEADING 5 MARKETS, AND COLD-STORAGE HOLDINGS: 1931 TO 1947

[In thousands of pounds. Cheese production relates to grade "American" (whole milk) only; receipts, to all kinds]

PRODUCT AND MARKET	1931-1935, average	1936-1940, average	1941-1945, average	1944	1945	1946	1947
<b>BUTTER</b>							
Production, creamery <sup>1</sup> .....	1, 690, 272	1, 731, 623	1, 632, 099	1, 488, 502	1, 363, 717	1, 171, 388	<sup>2</sup> 1, 321, 700
Receipts (5 markets) <sup>3</sup> .....	709, 057	708, 207	586, 331	516, 764	498, 161	358, 379	456, 846
New York.....	269, 673	260, 379	216, 458	199, 832	211, 703	155, 428	182, 262
Chicago.....	237, 197	260, 675	196, 141	147, 305	141, 747	97, 648	147, 194
Philadelphia.....	89, 534	73, 510	64, 338	58, 879	54, 192	42, 605	52, 336
Boston.....	84, 084	80, 124	63, 498	60, 725	43, 326	32, 919	45, 590
San Francisco.....	28, 569	33, 519	45, 897	50, 023	47, 193	21, 779	29, 464
Cold-storage holdings, Dec. 1 <sup>4</sup> .....	74, 119	94, 614	115, 195	90, 303	108, 501	41, 477	46, 002
<b>CHEESE</b>							
Production, American.....	411, 702	536, 049	822, 536	804, 787	875, 084	801, 808	<sup>2</sup> 955, 800
Receipts (5 markets) <sup>3</sup> .....	156, 735	163, 465	216, 334	217, 185	235, 163	267, 921	248, 187
New York.....	62, 629	68, 992	105, 591	111, 383	128, 335	147, 203	126, 635
Chicago.....	37, 606	35, 093	46, 760	48, 408	43, 797	31, 873	29, 851
Philadelphia.....	23, 738	26, 299	30, 199	26, 872	33, 235	45, 582	47, 535
Boston.....	18, 576	16, 232	15, 144	14, 863	13, 745	25, 804	24, 349
San Francisco.....	14, 186	16, 849	18, 640	15, 659	15, 991	17, 459	19, 817
Cold-storage holdings, Dec. 1: <sup>4</sup>							
American.....	80, 638	102, 542	153, 536	138, 647	159, 284	92, 422	139, 355
All other.....	13, 680	17, 670	20, 633	12, 767	14, 452	31, 013	23, 327

PRODUCT	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Butter production, creamery: <sup>1</sup></b>												
1944.....	104, 370	106, 226	124, 770	130, 652	172, 403	177, 967	153, 175	131, 042	112, 471	100, 610	85, 995	87, 821
1945.....	98, 297	91, 325	109, 001	122, 215	160, 170	171, 354	155, 754	133, 262	99, 876	87, 771	68, 868	65, 824
1946.....	69, 088	66, 337	77, 193	93, 397	115, 998	120, 936	130, 210	118, 035	107, 280	100, 746	82, 640	89, 528
1947 <sup>2</sup> .....	97, 540	91, 815	110, 485	116, 530	146, 455	157, 120	148, 790	116, 580	101, 310	91, 890	69, 220	73, 995
<b>Butter receipts (5 markets): <sup>3</sup></b>												
1944.....	35, 503	36, 449	47, 504	49, 286	56, 333	64, 192	55, 613	44, 486	35, 213	29, 702	31, 052	31, 431
1945.....	30, 253	35, 627	42, 565	43, 257	57, 478	72, 876	60, 271	50, 044	32, 199	27, 216	21, 600	24, 775
1946.....	20, 802	19, 870	19, 550	22, 252	25, 201	28, 534	44, 650	40, 328	37, 345	34, 215	26, 787	30, 845
1947.....	35, 986	32, 160	37, 273	40, 679	46, 051	53, 370	49, 853	37, 162	36, 017	32, 221	26, 433	29, 641
<b>Cheese production, American:</b>												
1944.....	43, 047	46, 047	58, 483	68, 967	95, 405	103, 171	89, 989	76, 504	66, 804	59, 878	48, 678	47, 814
1945.....	51, 017	51, 779	65, 975	82, 336	108, 465	112, 163	100, 557	87, 909	71, 162	58, 940	43, 894	40, 887
1946.....	43, 315	43, 897	53, 435	65, 795	93, 416	97, 722	88, 373	81, 057	69, 917	61, 938	51, 718	51, 225
1947 <sup>2</sup> .....	55, 315	58, 540	77, 485	91, 655	118, 455	125, 815	113, 505	89, 610	74, 480	64, 170	44, 480	42, 350
<b>Cheese receipts (5 markets): <sup>3</sup></b>												
1944.....	17, 650	15, 686	15, 268	15, 708	21, 270	21, 772	21, 009	17, 169	16, 544	19, 693	19, 630	15, 786
1945.....	14, 904	18, 284	20, 339	21, 393	18, 638	20, 148	25, 050	21, 287	16, 796	21, 800	15, 948	20, 516
1946.....	22, 009	19, 181	20, 530	22, 498	21, 023	22, 067	28, 827	25, 072	23, 395	25, 661	23, 057	14, 581
1947.....	17, 091	16, 658	20, 559	20, 153	18, 724	22, 147	25, 004	25, 145	21, 586	23, 154	17, 688	20, 278

<sup>1</sup> Includes whey butter.

<sup>2</sup> Preliminary.

<sup>3</sup> Gross weight.

<sup>4</sup> Net weight.

Source: Department of Agriculture, Bureau of Agricultural Economics and Production and Marketing Administration; annual report, Agricultural Statistics; receipts at 4 markets published in Crops and Markets.

### No. 772.—BUTTER, BUTTERFAT, AND CHEESE—AVERAGE PRICES RECEIVED BY FARMERS AND WHOLESALE PRICES: 1934 TO 1947

[In cents per pound. Local market prices are weighted averages for entire country. Wholesale prices are for 92-score creamery butter and American cheddar cheese, Wisconsin]

YEAR	BUTTER		Butterfat, local market <sup>1</sup>	Cheese (Wisconsin)	MONTH	Butter (New York)		Butterfat, local market <sup>1</sup>		Cheese (Wisconsin)	
	Local market	New York				1946	1947	1946	1947	1946	1947
1934.....	22.7	36	22.7	12	March.....	47.3	69.6	51.8	73.5	27.0	(?)
1936.....	28.9	33	32.2	15	June.....	52.3	63.3	52.2	68.0	(?)	(?)
1938.....	26.6	28	26.2	13	September.....	76.8	80.2	75.6	84.0	(?)	(?)
1940.....	26.6	30	28.0	14	December.....	82.2	88.1	67.0	87.7	(?)	(?)
1942.....	35.2	40	39.6	22							
1943.....	43.8	43	50.2	23							
1945.....	58.8	63	64.8	(?)							
1947.....	68.5	71	71.7	(?)							

<sup>1</sup> Yearly price obtained by weighting State yearly average by estimated volume sold, average of 5 preceding years; monthly prices weighted by estimated volume sold previous year.

<sup>2</sup> No sales June 1946 to December 1947.

Source: Dept. of Agriculture, Bureau of Agricultural Economics and Production and Marketing Administration; annual report, Agricultural Statistics; published in Crops and Markets.

### No. 773.—OLEOMARGARINE—PRODUCTION AND MATERIALS CONSUMED: 1924 TO 1947

In thousands of pounds. Production by kind of oil used, from data reported to Production and Marketing Administration, Department of Agriculture; other production figures, from data reported to Commissioner of Internal Revenue for taxation purposes. Colored oleomargarine is taxed 10 cents per pound; uncolored, ¼ cent per pound]

YEAR ENDING JUNE 30--	OLEOMARGARINE PRODUCTION			STATE OR MATERIAL	YEAR ENDING JUNE 30--			
	Total	Colored	Uncolored		1944	1945	1946	1947
1924.....	239,699	11,548	228,151	PRODUCTION				
1926.....	215,403	11,280	204,123	California.....	74,590	79,425	54,806	89,176
1928.....	248,047	13,181	234,866	Georgia.....	19,709	19,014	17,778	22,384
1927.....	257,157	14,502	242,655	Illinois.....	180,784	181,587	178,806	193,157
1928.....	294,699	15,351	279,348	Indiana.....	51,391	52,787	42,108	43,064
1929.....	333,121	16,306	316,816	Kansas.....	31,868	36,750	30,918	32,558
1930.....	349,124	17,103	332,021	Maryland.....	18,165	19,168	17,980	18,548
1931.....	277,773	8,847	268,926	Michigan.....	22,903	24,974	19,852	21,712
1932.....	215,342	4,636	210,706	Missouri.....	11,960	13,901	12,975	13,717
1933.....	219,043	2,813	216,230	New Jersey.....	72,600	60,307	62,606	66,483
1934.....	243,187	2,689	240,498	Ohio.....	68,140	83,209	74,937	85,944
1935.....	353,821	2,905	350,916	South Carolina.....	4,827	4,577	5,169	5,164
1936.....	371,738	2,773	368,964	Texas.....	31,530	36,764	35,838	46,880
1937.....	389,254	1,967	387,287	All other.....	668	556	606	3,604
1938.....	415,404	1,649	413,755					
1939.....	332,873	1,381	331,492	MATERIAL CONSUMED				
1940.....	303,717	1,860	301,858	Total.....	621,931	626,915	569,902	653,572
1941.....	343,936	4,489	339,446	Coconut oil.....				27,130
1942.....	368,805	14,828	353,977	Corn oil.....	9,431	10,278	8,161	5,726
1943.....	548,468	116,970	431,498	Cottonseed oil.....	238,739	258,039	211,561	247,751
1944.....	609,026	135,003	474,023	Linseed oil.....	4,490	189		
1945.....	612,999	72,686	540,313	Milk.....	103,721	107,327	92,812	108,151
1946.....	551,203	66,410	484,792	Peanut oil.....	7,466	11,841	13,906	15,990
1947.....	642,406	65,960	576,446	Salt.....	19,608	19,002	17,126	19,970
1946 calendar year, total.....	572,652	57,912	514,740	Oil oil.....	13,026	9,663	4,591	2,955
Combined animal and vegetable oil.....	17,854	1,533	16,321	Oleo stearine.....	3,304	2,374	2,372	2,890
Vegetable and nut oil.....	554,798	56,379	498,419	Oleo stock.....	2,915	1,142	730	453
1947 calendar year, total.....	738,709	54,379	684,330	Neutral lard.....	10,770	8,093	2,869	2,816
Combined animal and vegetable and nut oil.....	21,573	654	20,919	Soya bean oil.....	203,274	196,491	203,940	217,264
Vegetable and nut oil.....	717,136	55,725	661,411	Soya flakes.....	1,163	99	22	30
				Miscellaneous.....	3,118	2,967	2,814	3,238

<sup>1</sup> Preliminary.

Source: Calendar year figures, Department of Agriculture, Production and Marketing Administration; annual report, Agricultural Statistics. Other figures, Treasury Department, Bureau of Internal Revenue; Annual Report



No. 774.—CHICKENS ON FARMS, 1940 AND 1945, EGGS PRODUCED AND CHICKENS RAISED, 1939 AND 1944, BY STATES

DIVISION AND STATE	CHICKENS <sup>1</sup>				CHICKEN EGGS PRODUCED			CHICKENS RAISED			
	Farms reporting (thousands)		Number on hand (thousands)		Farms reporting (thousands) 1944	Number (thousands of dozens)		Farms reporting (thousands)		Number (thousands)	
	1940 (Apr. 1)	1945 (Jan. 1)	1940 (Apr. 1)	1945 (Jan. 1)		1939	1944	1939	1944	1939	1944
United States.....	4,156.1	4,998.9	337,549	433,111	4,763.0	2,291,692	3,370,076	4,674.5	4,662.2	680,566	976,596
New England.....	72.5	83.5	9,055	13,851	81.1	93,592	143,499	62.7	79.5	25,290	39,055
Maine.....	20.1	21.5	1,542	2,184	20.8	16,045	22,896	17.3	20.4	3,793	5,574
New Hampshire.....	8.3	9.9	1,363	2,267	9.7	14,521	23,058	7.0	9.6	3,804	6,734
Vermont.....	12.9	12.9	662	930	12.3	5,670	9,296	11.0	12.1	1,452	2,190
Massachusetts.....	16.5	22.0	3,133	4,779	21.4	33,787	52,054	14.3	20.9	7,564	13,013
Rhode Island.....	1.8	2.5	352	509	2.5	3,241	4,912	1.7	2.4	839	1,442
Connecticut.....	12.8	14.8	1,098	3,183	14.4	20,289	31,863	11.4	14.2	7,838	10,723
Middle Atlantic.....	265.2	257.3	31,716	42,068	248.6	269,888	374,379	227.8	243.1	58,520	86,496
New York.....	106.8	100.4	11,190	13,356	96.6	97,212	120,944	89.1	94.2	20,492	28,121
New Jersey.....	18.7	20.1	5,388	8,377	19.5	46,909	79,646	15.9	19.3	10,040	16,898
Pennsylvania.....	139.7	136.9	15,137	20,322	132.6	125,667	173,789	121.8	129.7	28,019	41,367
East North Central.....	848.5	795.8	67,306	82,671	766.9	474,690	636,911	747.5	752.3	123,128	157,975
Ohio.....	196.7	181.8	15,560	17,526	174.3	114,966	143,997	171.8	171.0	29,440	34,901
Indiana.....	159.0	150.6	11,937	15,103	144.3	83,223	119,819	143.5	142.6	28,947	35,397
Illinois.....	193.6	182.5	17,647	21,631	176.6	112,944	151,873	177.9	173.5	31,644	40,208
Michigan.....	146.2	133.5	10,023	11,338	127.2	70,263	87,225	125.6	125.3	17,531	21,312
Wisconsin.....	163.3	146.6	12,140	16,674	143.6	93,292	133,998	129.0	139.8	17,564	26,158
West North Central.....	961.8	905.5	95,212	125,741	863.4	632,027	954,579	884.4	863.5	167,247	223,638
Minnesota.....	162.6	157.7	16,989	26,672	154.6	119,415	237,456	145.3	150.1	28,302	45,983
Iowa.....	197.8	190.2	26,559	33,219	184.0	168,204	254,063	180.6	180.3	43,405	58,700
Missouri.....	231.4	212.7	18,768	21,465	208.4	124,587	167,132	212.3	202.2	31,227	35,892
North Dakota.....	62.0	58.2	3,601	5,235	56.9	19,268	31,217	58.0	56.3	6,496	9,473
South Dakota.....	63.6	60.5	5,233	8,513	59.2	34,792	60,235	59.5	58.0	10,978	15,933
Nebraska.....	108.8	101.4	10,568	14,656	99.7	71,073	114,130	103.2	97.4	23,936	28,526
Kansas.....	135.5	124.7	12,494	15,993	120.5	84,690	130,246	125.6	118.7	23,903	28,480
South Atlantic.....	887.9	881.9	33,025	42,402	869.0	297,079	271,759	826.4	843.4	101,640	219,497
Delaware.....	7.2	6.3	902	1,074	6.0	6,182	7,756	7.0	6.9	17,606	54,631
Maryland.....	34.8	34.0	3,140	3,793	32.8	22,781	27,816	32.2	32.9	11,924	35,053
Dist. of Columbia.....	(?)	(?)	18	14	(?)	108	124	(?)	(?)	22	21
Virginia.....	153.5	150.5	6,996	8,955	147.6	50,075	66,003	144.5	143.0	22,117	34,335
West Virginia.....	84.2	79.1	3,378	3,541	76.7	22,722	26,343	74.9	74.9	6,087	12,856
North Carolina.....	245.1	244.6	7,315	10,792	237.7	41,847	63,158	229.2	234.8	17,413	30,339
South Carolina.....	123.9	128.6	3,376	4,646	126.0	17,234	23,602	117.3	123.4	8,422	10,667
Georgia.....	195.6	195.3	5,971	7,138	190.4	31,616	39,473	183.5	186.6	13,376	35,598
Florida.....	42.5	43.4	2,029	2,443	41.9	14,513	17,496	37.7	40.9	4,633	6,018
East South Central.....	963.9	838.5	28,205	35,408	921.1	156,577	209,897	841.8	801.7	53,615	67,137
Kentucky.....	222.1	208.9	8,185	10,258	196.9	45,372	61,566	210.3	195.1	16,941	19,705
Tennessee.....	219.3	206.8	8,013	10,404	204.6	46,606	66,773	207.9	200.0	14,860	18,308
Alabama.....	211.1	200.9	5,951	7,358	196.8	33,473	43,979	194.7	190.4	10,467	14,363
Mississippi.....	251.4	225.4	6,065	7,390	221.0	31,126	37,579	228.9	216.3	11,338	14,764
West South Central.....	861.9	779.1	41,344	52,514	760.1	278,267	358,437	787.5	742.6	75,311	104,139
Arkansas.....	193.9	173.3	6,315	7,249	190.6	38,594	50,965	177.9	165.8	14,634	20,603
Louisiana.....	133.3	116.9	4,182	4,996	114.8	22,631	27,168	124.2	112.3	7,627	9,071
Oklahoma.....	164.8	149.9	9,047	11,807	144.5	58,676	89,219	149.1	142.8	16,947	19,879
Texas.....	369.9	339.0	21,800	28,662	331.2	168,386	221,976	336.4	321.1	36,103	54,585
Mountain.....	170.4	165.2	10,797	13,447	158.6	81,153	106,506	147.6	155.1	18,341	23,368
Montana.....	32.4	29.7	1,793	2,029	28.7	13,391	15,878	29.3	28.2	3,303	3,669
Idaho.....	34.0	32.2	1,967	2,169	30.6	14,726	16,684	29.0	30.3	3,320	3,797
Wyoming.....	12.3	10.7	662	697	10.5	4,938	5,684	10.7	10.2	1,260	1,295
Colorado.....	42.2	40.1	2,842	3,444	38.5	19,251	26,552	37.2	37.8	5,210	6,321
New Mexico.....	23.4	22.2	936	1,198	21.4	6,104	8,219	19.7	20.6	1,425	2,000
Arizona.....	8.1	9.4	492	639	8.9	3,789	5,204	6.4	8.5	687	1,092
Utah.....	15.5	18.2	1,878	2,967	17.3	17,191	26,704	12.8	17.1	2,569	4,842
Nevada.....	2.6	2.7	205	265	2.6	1,564	2,180	2.5	2.4	377	552
Pacific.....	178.7	194.8	21,290	25,623	185.1	206,067	244,104	148.5	181.9	37,455	49,352
Washington.....	56.5	61.9	4,933	5,351	59.5	50,918	53,075	48.8	59.7	7,890	9,911
Oregon.....	46.4	48.8	3,075	3,501	46.5	27,484	32,187	38.0	45.5	4,825	5,437
California.....	75.8	84.1	13,283	16,772	79.1	129,666	158,992	61.6	77.7	24,750	33,004

<sup>1</sup> Chickens over 4 months old.<sup>2</sup> 50 or less.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

**No. 775.—POULTRY AND EGGS—FARM AND COMMERCIAL PRODUCTION, BY STATES:  
1941-45 AVERAGE, AND 1947**

(Eggs in millions; other figures in thousands)

DIVISION AND STATE	EGGS PRO- DUCED ON FARMS		CHICKENS RAISED ON FARMS		COMMERCIAL BROILERS PRO- DUCED		TURKEYS RAISED		CHICKS HATCHED BY COMMERCIAL HATCHERIES	
	1941-45 AVG. <sup>1</sup>	1947 <sup>2</sup>	1941-45 AVG. <sup>1</sup>	1947	1941-45 AVG. <sup>1</sup>	1947	1941-45 AVG. <sup>1</sup>	1947	1941-45 AVG. <sup>1</sup>	1947 <sup>2</sup>
<b>United States.....</b>	<b>51,880</b>	<b>55,301</b>	<b>867,496</b>	<b>746,401</b>	<b>263,116</b>	<b>223,991</b>	<b>35,571</b>	<b>35,117</b>	<b>1,378,295</b>	<b>1,298,334</b>
<b>New England.....</b>	<b>2,239</b>	<b>2,480</b>	<b>30,087</b>	<b>25,028</b>	<b>16,157</b>	<b>13,863</b>	<b>749</b>	<b>787</b>	<b>86,628</b>	<b>88,047</b>
Maine.....	374	302	5,446	4,754	1,074	827	50	50	7,433	7,430
New Hampshire.....	353	378	5,087	4,457	2,441	2,245	72	73	18,898	24,755
Vermont.....	189	165	1,937	1,722	624	312	149	137	1,417	1,742
Massachusetts.....	808	895	9,957	8,179	4,120	4,162	294	316	25,321	23,090
Rhode Island.....	83	96	1,084	839	468	403	28	33	2,088	2,580
Connecticut.....	462	554	6,546	5,077	7,430	5,924	156	178	30,463	28,480
<b>Middle Atlantic.....</b>	<b>5,571</b>	<b>6,637</b>	<b>73,786</b>	<b>71,696</b>	<b>13,172</b>	<b>15,145</b>	<b>1,818</b>	<b>2,422</b>	<b>118,371</b>	<b>112,223</b>
New York.....	2,097	2,157	24,831	21,729	5,400	3,435	541	741	24,339	23,340
New Jersey.....	1,086	1,434	15,154	14,014	3,098	3,631	214	364	29,449	28,253
Pennsylvania.....	2,388	3,046	33,801	35,953	4,674	6,079	1,064	1,317	64,582	60,629
<b>East North Central.....</b>	<b>10,618</b>	<b>11,425</b>	<b>162,800</b>	<b>140,681</b>	<b>21,925</b>	<b>22,175</b>	<b>3,374</b>	<b>4,619</b>	<b>345,405</b>	<b>296,826</b>
Ohio.....	2,544	2,539	36,824	29,878	4,774	3,257	939	1,213	78,196	54,500
Indiana.....	1,875	2,145	33,626	32,748	5,474	7,039	565	919	103,905	91,000
Illinois.....	2,529	2,684	41,889	36,148	7,185	7,692	713	1,129	102,860	102,500
Michigan.....	1,517	1,596	23,719	16,676	1,140	1,104	622	867	32,625	25,500
Wisconsin.....	2,153	2,461	26,741	22,533	3,372	3,893	534	491	27,819	23,326
<b>West North Central.....</b>	<b>14,989</b>	<b>16,556</b>	<b>248,294</b>	<b>216,052</b>	<b>7,429</b>	<b>6,920</b>	<b>10,484</b>	<b>10,077</b>	<b>380,345</b>	<b>339,969</b>
Minnesota.....	3,218	3,931	47,595	41,534	895	1,258	3,293	3,537	65,096	63,501
Iowa.....	3,847	4,253	63,200	54,169	2,970	2,609	2,113	2,565	101,775	91,440
Missouri.....	2,707	2,732	42,124	39,175	2,631	2,258	1,521	1,310	111,895	84,000
North Dakota.....	561	580	10,587	8,902	—	—	970	833	6,126	6,300
South Dakota.....	928	1,100	18,616	16,588	—	—	720	265	17,632	17,650
Nebraska.....	1,725	1,907	33,623	28,536	—	—	930	873	34,252	31,078
Kansas.....	2,004	2,053	32,260	27,148	934	795	947	663	43,872	36,800
<b>South Atlantic.....</b>	<b>4,207</b>	<b>4,467</b>	<b>93,947</b>	<b>76,897</b>	<b>152,985</b>	<b>170,295</b>	<b>2,563</b>	<b>3,020</b>	<b>196,432</b>	<b>226,361</b>
Delaware.....	124	127	2,723	2,369	57,580	52,488	95	68	33,377	34,131
Maryland.....	447	494	8,460	7,288	30,980	31,744	418	394	49,299	48,974
Virginia.....	1,082	1,212	17,908	13,455	20,304	23,640	956	1,131	35,469	36,913
West Virginia.....	495	478	6,762	5,250	6,587	8,442	309	396	4,768	5,713
North Carolina.....	877	981	24,559	20,100	11,920	16,182	283	379	32,124	35,640
South Carolina.....	332	327	10,155	9,423	3,220	3,348	254	357	6,890	6,740
Georgia.....	635	625	17,417	14,247	17,304	28,717	142	162	24,500	45,230
Florida.....	234	223	5,902	4,765	5,090	5,735	105	109	9,915	13,000
<b>East South Central.....</b>	<b>3,411</b>	<b>3,392</b>	<b>76,584</b>	<b>67,063</b>	<b>8,389</b>	<b>10,071</b>	<b>697</b>	<b>605</b>	<b>39,628</b>	<b>38,231</b>
Kentucky.....	1,134	1,213	23,753	20,528	1,136	1,090	255	165	11,265	11,468
Tennessee.....	1,038	1,034	20,427	17,657	1,880	1,854	165	140	12,625	11,898
Alabama.....	668	622	15,899	14,404	3,675	4,796	188	128	9,254	9,220
Mississippi.....	572	523	16,506	14,474	1,798	2,331	119	72	6,285	5,630
<b>West South Central.....</b>	<b>5,568</b>	<b>5,040</b>	<b>101,772</b>	<b>83,379</b>	<b>29,274</b>	<b>28,179</b>	<b>4,996</b>	<b>4,328</b>	<b>106,531</b>	<b>92,577</b>
Arkansas.....	704	606	15,908	13,707	14,700	15,628	136	72	12,402	8,177
Louisiana.....	368	303	10,479	9,028	1,222	1,244	52	51	5,391	5,100
Oklahoma.....	1,413	1,297	24,287	20,206	900	764	895	622	20,109	24,000
Texas.....	3,083	2,832	51,098	40,437	12,392	10,803	3,912	3,681	59,629	54,700
<b>Mountain.....</b>	<b>1,664</b>	<b>1,706</b>	<b>27,712</b>	<b>23,858</b>	<b>613</b>	<b>459</b>	<b>3,206</b>	<b>2,544</b>	<b>29,475</b>	<b>15,431</b>
Montana.....	242	225	4,306	3,714	—	—	184	119	1,395	2,013
Idaho.....	294	307	4,522	4,036	—	—	313	203	3,947	3,096
Wyoming.....	95	103	1,634	1,230	—	—	167	131	380	471
Colorado.....	437	397	8,016	6,624	—	—	681	810	8,570	6,611
New Mexico.....	119	132	2,164	2,131	—	—	68	94	1,562	945
Arizona.....	77	81	1,318	1,092	613	—	84	71	2,003	1,236
Utah.....	374	423	5,255	4,716	—	—	1,470	1,079	2,479	1,875
Nevada.....	36	40	497	406	—	—	40	37	—	92
<b>Pacific.....</b>	<b>3,517</b>	<b>3,596</b>	<b>46,545</b>	<b>41,347</b>	<b>13,170</b>	<b>15,993</b>	<b>7,684</b>	<b>6,817</b>	<b>84,683</b>	<b>87,689</b>
Washington.....	871	733	10,134	9,365	1,948	1,792	1,167	1,121	14,598	15,775
Oregon.....	483	474	6,371	5,401	1,036	971	2,250	1,639	5,580	7,500
California.....	2,162	2,389	30,040	26,581	10,186	13,230	4,267	4,057	61,505	64,394

<sup>1</sup> 1941-44 incl. revised on basis of 1945 census.

<sup>2</sup> Revised.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics.

## No. 776.—PROCESSING OF EGGS AND POULTRY: 1935 TO 1947

[In thousands of pounds]

YEAR	DRIED EGG PRODUCED			Liquid egg used for immediate consumption	Frozen egg produced	Poultry certified for evacuation under U.S. Govt. inspection <sup>1 2</sup>	Canned poultry <sup>1</sup>
	Whole	Albumen	Yolk				
1935.....	61	133	2,806				
1936.....	126	267	1,093				
1937.....	74	541	1,776				
1938.....	179	1,810	4,313	10,400	116,100	8,264	
1939.....	184	2,306	7,580	12,089	177,144	20,282	
1940.....	302	1,916	5,179	12,646	189,578	26,181	
1941.....	31,241	4,391	9,648	19,766	237,182	31,336	
1942.....	226,127	2,253	7,269	21,429	<sup>3</sup> 257,631	80,241	
1943.....	252,903	2,098	6,976	26,317	<sup>3</sup> 412,618	94,517	89,763
1944.....	311,309	2,310	7,063	32,844	<sup>3</sup> 511,791	79,349	181,801
1945.....	96,988	1,710	7,164	18,704	<sup>3</sup> 297,680	113,175	148,687
1946.....	115,344	2,112	7,988	20,031	<sup>3</sup> 392,218	156,576	125,197
1947.....	80,037	1,498	4,031	18,817	<sup>3</sup> 371,096	121,487	87,563

<sup>1</sup> Dressed weight.<sup>2</sup> Source: Production and Marketing Administration.<sup>3</sup> Includes amounts which were later dried: 115,753,000 pounds for 1942; 189,346,000 for 1943; 179,148,000 for 1944; 122,167,000 for 1945; 84,219,000 for 1946; 20,638,000 for 1947. Also included in dried figures for each year.

Source: Department of Agriculture, Bureau of Agricultural Economics, except as noted; annual report, Agricultural Statistics.

## No. 777.—POULTRY AND EGGS—PRICES AND RECEIPTS AT LEADING MARKETS: 1931 TO 1947

Poultry: prices in cents per pound, receipts in thousands of pounds. Eggs: prices in cents per dozen, receipts in thousands of cases]

ITEM	1931-1935 average	1936-1940 average	1941-1945 average	1944	1945	1946	1947
Chickens, local market price.....	13.7	14.8	21.9	24.0	26.1	28.0	<sup>1</sup> 26.8
Turkeys, local market price, Nov. 15.....	15.5	16.2	29.3	33.8	33.0	36.5	<sup>1</sup> 35.8
Dressed poultry, receipts, 4 markets.....	343,749	373,896	437,964	436,755	504,891	384,879	439,331
Boston.....	55,993	55,523	57,790	53,228	53,354	69,900	62,609
New York.....	203,480	221,788	210	272,478	295,999	310,355	289,759
Philadelphia.....	34,164	28,190	111	28,747	35,175	46,602	42,101
Chicago.....	50,104	68,385	96,483	82,302	120,358	127,422	93,862
2008.....							
Wholesale prices:							
Extras, 1 and 2, New York <sup>1</sup> .....	27.4	27.6	39.4	41.0	43.6	44.8	53.6
Current receipts, Chicago.....	17.9	19.5	23.2	24.4	<sup>2</sup> 39.0	35.6	41.8
U. S. extras, large, San Francisco <sup>4</sup> .....	23.6	25.7	42.5	45.6	48.4	50.6	59.4
Receipts, 5 markets.....	14,284	14,384	15,100	15,896	15,436	17,819	14,643
Boston.....	1,393	1,141	1,353	1,436	1,295	1,226	1,256
New York.....	6,780	6,823	6,502	6,687	7,654	7,614	6,982
Philadelphia.....	1,499	1,201	1,134	1,099	1,174	1,237	1,179
Chicago.....	3,870	4,636	4,789	4,719	4,039	6,586	4,068
San Francisco.....	772	685	1,322	1,767	1,276	1,186	1,136

<sup>1</sup> Preliminary.<sup>2</sup> Quoted as "nearby white specials" 1931 through June 1943.<sup>3</sup> Average for eight months.<sup>4</sup> Quoted as "grade A large" beginning April 1943.

Source: Department of Agriculture, Bureau of Agricultural Economics and Production and Marketing Administration; annual report, Agricultural Statistics. Local market prices and receipts for 4 markets published in Crops and Markets.

# No. 778.—ANIMAL PRODUCTS AND FISH—COLD-STORAGE HOLDINGS, BY KIND, BY MONTHS: 1943 TO 1947

[In thousands of pounds, except shell eggs, thousands of 30-dozen cases and "all meats," millions of pounds. Quantities are net weights and are as of 1st of each month. Beef and pork figures cover frozen, cured, and in process of cure]

PRODUCT AND YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Creamery butter:</b>												
1943.....	24, 979	15, 607	12, 327	16, 676	30, 190	82, 761	157, 540	210, 546	231, 543	232, 497	211, 229	178, 750
1944.....	154, 577	130, 246	107, 560	82, 118	69, 276	69, 663	103, 164	138, 050	137, 907	140, 276	123, 596	91, 104
1945.....	60, 767	38, 926	31, 062	29, 833	45, 139	70, 375	131, 669	184, 759	206, 501	189, 888	164, 646	106, 501
1946.....	53, 127	32, 135	19, 462	14, 925	14, 052	26, 856	49, 649	69, 510	84, 980	73, 931	59, 586	41, 477
1947.....	27, 874	18, 224	9, 988	7, 818	9, 194	17, 445	51, 625	83, 286	88, 364	76, 912	72, 125	46, 002
<b>American cheese:</b>												
1943.....	112, 348	97, 103	76, 678	64, 890	65, 843	80, 495	117, 094	150, 245	172, 937	181, 627	193, 396	177, 180
1944.....	150, 709	142, 610	144, 812	121, 869	125, 097	137, 244	167, 173	190, 804	187, 289	164, 615	148, 416	137, 658
1945.....	131, 379	124, 627	118, 087	98, 766	108, 675	134, 590	166, 739	196, 335	208, 558	207, 438	193, 965	159, 284
1946.....	112, 896	95, 725	81, 913	74, 420	73, 054	86, 089	110, 807	120, 136	126, 899	126, 084	101, 185	92, 422
1947.....	93, 873	87, 459	74, 795	71, 757	88, 737	106, 479	130, 005	151, 661	169, 571	164, 651	151, 455	139, 355
<b>All varieties of cheese:</b>												
1943.....	131, 398	113, 797	93, 379	77, 615	79, 464	97, 327	144, 867	182, 965	209, 365	218, 270	223, 697	202, 899
1944.....	175, 507	167, 681	171, 956	150, 196	154, 610	162, 733	203, 785	223, 254	230, 332	186, 268	164, 690	150, 536
1945.....	144, 553	133, 773	127, 052	106, 965	118, 432	148, 271	182, 831	213, 198	229, 310	227, 354	213, 054	173, 736
1946.....	127, 011	106, 623	91, 372	86, 998	84, 845	102, 142	136, 759	148, 786	160, 272	157, 180	129, 941	123, 435
1947.....	123, 592	114, 606	98, 053	93, 427	113, 854	133, 495	161, 363	185, 202	202, 597	193, 849	176, 626	162, 682
<b>Shell eggs:</b>												
1943.....	273	214	974	3, 236	6, 227	8, 266	8, 966	8, 578	7, 529	6, 018	3, 994	1, 780
1944.....	675	765	2, 008	4, 453	6, 963	9, 632	11, 335	9, 351	7, 653	5, 427	2, 905	1, 048
1945.....	411	296	521	1, 784	3, 823	5, 432	6, 120	5, 926	4, 771	3, 724	1, 666	314
1946.....	113	272	1, 578	8, 771	6, 425	8, 683	9, 871	9, 537	7, 960	5, 738	3, 585	1, 717
1947.....	767	287	221	508	1, 742	3, 452	4, 203	4, 268	3, 807	2, 804	1, 818	824
<b>Frozen eggs:<sup>1</sup></b>												
1943.....	82, 948	59, 781	56, 508	99, 180	172, 279	251, 526	323, 194	351, 169	343, 601	306, 189	242, 264	172, 387
1944.....	102, 270	81, 712	98, 597	148, 557	218, 032	292, 445	354, 223	388, 547	371, 627	332, 565	279, 175	219, 796
1945.....	165, 933	98, 985	85, 499	114, 814	169, 526	231, 930	255, 936	248, 675	218, 010	203, 209	182, 322	155, 934
1946.....	129, 424	111, 721	117, 903	149, 710	200, 176	245, 287	265, 050	260, 101	236, 256	207, 244	168, 591	132, 664
1947.....	102, 437	80, 800	73, 564	98, 718	153, 876	202, 245	237, 303	241, 573	234, 434	216, 762	189, 596	164, 673
<b>Frozen poultry:</b>												
1943.....	187, 943	142, 002	101, 741	58, 079	32, 513	20, 963	25, 379	38, 851	55, 315	86, 279	140, 230	197, 880
1944.....	226, 161	239, 993	220, 863	168, 478	130, 044	122, 729	130, 817	141, 654	160, 689	187, 959	244, 075	270, 067
1945.....	269, 021	215, 553	183, 889	141, 708	117, 755	102, 236	97, 211	103, 203	114, 192	157, 077	238, 936	320, 745
1946.....	355, 914	363, 954	356, 730	320, 027	256, 822	209, 944	173, 905	178, 842	207, 137	184, 841	261, 006	301, 030
1947.....	316, 577	316, 792	283, 825	242, 485	208, 256	187, 717	171, 260	174, 627	183, 024	205, 653	277, 870	317, 112
<b>Beef:</b>												
1943.....	127, 034	107, 185	102, 246	97, 736	92, 981	90, 060	81, 744	88, 046	101, 254	112, 300	134, 694	186, 326
1944.....	226, 755	241, 550	279, 654	293, 571	270, 994	243, 508	207, 400	168, 446	161, 486	143, 530	127, 119	117, 581
1945.....	107, 171	116, 093	133, 132	152, 629	190, 224	215, 013	266, 943	261, 881	241, 523	199, 816	177, 425	167, 372
1946.....	174, 241	179, 153	159, 003	157, 181	136, 682	102, 793	64, 649	64, 110	95, 322	72, 855	58, 749	101, 308
1947.....	156, 019	179, 767	184, 901	191, 481	166, 367	137, 580	106, 282	94, 491	97, 390	85, 317	101, 720	133, 537
<b>Pork:</b>												
1943.....	490, 476	588, 419	627, 399	591, 597	524, 049	519, 798	513, 784	544, 297	497, 164	363, 615	341, 432	383, 118
1944.....	514, 247	646, 631	792, 113	791, 867	784, 801	769, 138	803, 357	646, 499	478, 224	359, 023	296, 815	316, 398
1945.....	371, 393	407, 202	366, 185	325, 503	294, 448	305, 996	333, 019	344, 812	285, 216	211, 004	168, 028	235, 894
1946.....	320, 571	396, 740	426, 545	396, 753	379, 373	382, 742	322, 433	299, 755	168, 861	99, 859	142, 912	209, 946
1947.....	276, 232	399, 473	399, 317	397, 794	394, 421	364, 531	352, 814	331, 746	264, 124	195, 896	187, 971	304, 851
<b>All meats:</b>												
1943.....	738	801	833	781	715	714	703	758	725	600	604	715
1944.....	912	1, 066	1, 256	1, 251	1, 208	1, 160	1, 110	907	729	615	528	528
1945.....	577	618	592	564	568	608	701	711	627	500	440	496
1946.....	604	689	701	669	620	573	461	444	351	228	266	401
1947.....	554	731	736	748	715	648	597	549	473	381	390	562
<b>Frozen fish:</b>												
1943.....	98, 260	74, 949	52, 902	29, 782	21, 371	34, 755	59, 162	75, 438	93, 121	98, 225	99, 486	104, 850
1944.....	99, 354	85, 060	69, 857	52, 969	51, 545	69, 672	88, 842	109, 841	123, 255	131, 584	130, 914	128, 223
1945.....	109, 829	78, 971	52, 965	39, 830	32, 509	40, 516	58, 438	80, 523	108, 999	127, 055	138, 434	148, 286
1946.....	140, 208	115, 398	99, 051	84, 265	75, 318	84, 725	97, 806	126, 837	152, 403	147, 085	149, 549	158, 496
1947.....	152, 803	127, 381	97, 939	78, 242	70, 202	79, 733	90, 158	110, 611	132, 930	135, 870	140, 070	142, 102
<b>Lard:</b>												
1943.....	91, 333	111, 867	122, 240	128, 264	149, 141	166, 129	220, 831	240, 950	260, 009	195, 351	157, 163	130, 984
1944.....	161, 791	248, 038	361, 508	432, 339	498, 235	490, 281	420, 301	342, 450	240, 298	168, 251	118, 072	90, 000
1945.....	98, 483	81, 494	64, 770	49, 728	53, 766	64, 339	65, 899	79, 285	68, 989	58, 998	50, 914	59, 349
1946.....	82, 826	83, 489	90, 184	80, 438	71, 153	45, 539	34, 910	43, 590	37, 969	30, 021	31, 513	40, 623
1947.....	68, 756	122, 988	117, 557	109, 254	127, 680	148, 663	175, 269	193, 736	162, 565	125, 579	90, 437	73, 377

<sup>1</sup> Frozen eggs may be converted to cases on basis of 37.5 pounds to a case.

Source: Frozen fish, Department of Interior, Fish and Wildlife Service; annual bulletins. Other figures, Department of Agriculture, Production and Marketing Administration; annual report, Agricultural Statistics; also published in monthly mimeographed reports.

## No. 779.—WOOL—PRODUCTION, IMPORTS, AND EXPORTS: 1839 TO 1946

[In thousands of pounds. Production, except census data, estimated and for calendar years; figures for 1900 and later years, revised estimates, based on 1945 census data. Puled wool included beginning 1900 and probably included for 1870 to 1899, though exact basis of estimates for these years is not known. Figures for 1839, 1849, and 1899 include only fleece. Exports and imports for 1839 are for fiscal year ending Sept. 30; for 1849 and 1899, fiscal years ending June 30; subsequently, calendar years. Imports and foreign exports prior to 1914 and domestic exports for all years include hair of Angora goat, alpaca, and other like animals]

PERIOD	Production	Imports <sup>1</sup>	EXPORTS		PERIOD	Production	Imports <sup>1</sup>	EXPORTS	
			U. S. production	Foreign				U. S. production	Foreign
1839	35,802	7,928		119	1917	276,914	416,137	1,827	1,279
1849	52,517	17,809	160	47	1918	295,923	447,428	407	452
1899	60,265	24,471	1,707	41	1919	318,391	428,782	2,840	5,184
1870	162,000	54,450	46	1,966	1920	293,788	264,905	8,845	12,393
1871-1890 (avg.)	186,275	67,789	158	4,069	1921	290,223	316,605	1,927	1,552
1891-1899 (avg.)	280,700	95,747	325	4,196	1922	270,367	366,538	453	4,225
1891-1895 (avg.)	309,409	150,734	1,596	3,726	1923	272,668	388,346	835	23,557
1896-1900 (avg.)	271,635	173,448	2,712	5,065	1924	282,006	262,635	209	27,476
1901-1905 (avg.)	298,713	181,649	237	3,250	1925	300,003	336,646	273	7,087
1906-1910 (avg.)	311,564	203,995	140	4,929	1926	318,861	299,451	292	14,082
1911-1916 (avg.)	309,223	240,993	<sup>2</sup> 2,857	3,522	1927	339,504	264,507	323	10,710
1916-1920 (avg.)	294,545	399,980	3,568	4,276	1928	366,720	240,360	485	4,435
1921-1925 (avg.)	283,063	334,158	699	12,779	1929	382,295	277,214	289	2,380
1926-1930 (avg.)	364,282	248,782	300	6,664	1930	414,039	162,482	162	1,715
1931-1935 (avg.)	431,148	134,780	122	2,279	1931	442,401	157,800	274	1,089
1936-1940 (avg.)	426,635	255,951	412	2,794	1932	418,096	56,310	179	3,593
1903	287,450	173,694	384	3,267	1933	438,352	150,985	19	478
1904	291,783	166,573	184	2,165	1934	420,360	108,343	119	4,163
1905	295,488	246,821	79	4,278	1935	427,531	200,463	20	2,029
1906	298,915	196,844	351	4,412	1936	419,411	253,989	16	1,271
1907	298,295	188,306	86	3,109	1937	422,278	322,257	68	2,451
1908	311,138	142,659	169	6,985	1938	424,425	102,722	1,343	2,193
1909	351,179	312,131	46	1,064	1939	426,189	243,107	179	1,184
1910	343,634	180,135	<sup>3</sup> 48	9,055	1940	434,014	357,680	456	6,871
1911	342,552	155,923	( <sup>4</sup> )	3,511	1941	453,320	816,896	38	4,038
1912	319,380	238,118	( <sup>4</sup> )	1,816	1942	454,967	1,080,662	111	2,993
1913	309,368	151,814	<sup>5</sup> 77	3,360	1943	444,043	956,477	27,924	69,530
1914	293,621	256,501	<sup>5</sup> 335	6,342	1944	411,618	622,545	7,476	8,312
1915	281,175	402,611	<sup>5</sup> 8,158	2,081	1945	378,449	813,757	28,796	200,297
1916	287,637	442,650	3,919	2,128	1946	341,787	1,055,319	13,501	273,182

<sup>1</sup> General imports through 1932; imports for consumption thereafter.

<sup>2</sup> Average for fiscal years 1913 to 1915.

<sup>3</sup> Exports for fiscal year ending June 30.

<sup>4</sup> Not reported separately for 1911, no exports in 1912.

Source: Production, 1839, 1849, 1899, Dept. of Commerce, Bur. of the Census; Sixteenth Census Reports, Agriculture, Vol. III. Other years, production, Dept. of Agriculture, Bur. of Agricultural Economics, annual report, Agricultural Statistics. Imports and exports, Dept. of Commerce, Bur. of Foreign and Domestic Commerce through April 1941, Bur. of Census, thereafter; annual report, Foreign Commerce and Navigation of the U. S.

## No. 780.—WOOL—PRICES AND VALUE OF IMPORTS: 1926 TO 1946

ITEM	1926-1930, average	1931-1935, average	1936-1940, average	1941-1945, average	1943	1944	1945	1946
Prices (cents per pound)								
Average U. S. local market price, unwashed	30	17	26	40	42	42	42	42
Bright fleece, fine clothing, at Boston	36	20	30	39	39	39	39	40
Territory, <sup>1</sup> fine staple scoured, at Boston	103	67	89	117	118	119	119	119
Value of U. S. imports (1,000 dollars) <sup>2</sup>								
Clothing <sup>3</sup>	6,060	1,059	2,771	22,918	27,085	22,343	23,085	20,361
Combing <sup>3</sup>	26,231	4,384	24,267	190,829	251,603	136,033	178,096	197,094
Carpet <sup>4</sup>	34,300	12,156	28,547	19,586	8,996	8,262	19,447	34,963
Not finer than 40s <sup>4</sup>		841	4,577	9,880	1,285	13,451	16,336	30,654

<sup>1</sup> Wyo., Mont., Utah, Nev., Colo., N. Mex., eastern Oreg., and parts of Dakotas.

<sup>2</sup> Imports for consumption beginning with 1933; general imports prior to 1933.

<sup>3</sup> Because of changes in tariff laws in 1922, much wool of kind formerly classifiable as "clothing" is now classified as "combing."

<sup>4</sup> Carpet excludes "not finer than 40s" beginning 1931.

Source: Prices, Department of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics. Imports, see source note, table 779.



No. 781.—WOOL—ESTIMATED PRODUCTION AND WEIGHT PER FLEECE, BY STATES:  
1940 TO 1947

STATE	PRODUCTION (THOUSANDS OF POUNDS)								Average weight per fleece (pounds) 1947
	1940	1941	1942	1943	1944	1945	1946	1947	
Shorn wool, U. S. total	372,014	387,529	388,297	378,843	358,318	367,949	280,487	252,798	8.00
New York	2,037	2,002	2,068	2,000	1,828	1,569	1,354	1,196	7.2
Pennsylvania	2,526	2,398	2,595	2,572	2,468	1,906	1,786	1,642	7.6
Ohio	15,824	15,706	16,575	16,084	12,675	11,583	10,441	9,396	8.3
Indiana	4,662	4,920	5,490	4,979	4,128	3,648	3,315	3,253	7.8
Illinois	5,189	6,155	6,544	6,621	4,785	5,039	3,954	3,766	8.1
Michigan	7,314	6,849	6,448	5,975	5,265	4,535	3,912	3,408	8.2
Wisconsin	2,867	2,797	3,102	3,149	2,736	2,310	2,141	1,967	7.9
Minnesota	8,068	8,769	9,298	9,208	8,071	6,802	5,729	5,184	8.0
Iowa	10,001	10,967	12,172	10,704	8,734	7,723	6,804	6,781	8.2
Missouri	10,122	10,621	11,052	10,711	9,598	8,619	7,631	6,047	7.2
North Dakota	7,348	8,491	8,978	8,406	7,578	6,226	5,156	4,333	8.7
South Dakota	11,864	15,019	16,423	15,473	13,385	10,820	9,181	7,880	8.3
Nebraska	3,489	3,496	4,066	4,744	3,149	2,724	2,154	1,835	8.6
Kansas	4,607	5,665	5,921	6,755	5,148	4,718	3,583	3,209	8.7
Virginia	1,760	1,760	1,724	1,632	1,545	1,469	1,423	1,409	6.2
West Virginia	2,275	2,142	2,178	2,054	1,775	1,596	1,596	1,532	5.3
Kentucky	5,306	5,546	6,256	5,638	4,660	4,443	4,434	4,661	6.2
Tennessee	1,665	1,870	1,870	1,890	1,685	1,561	1,560	1,485	5.0
Oklahoma	2,720	2,652	2,739	2,746	1,733	1,536	1,223	1,218	5.7
Texas	79,900	80,250	74,994	80,713	78,689	74,816	71,263	61,946	7.7
Montana	29,624	33,149	32,964	30,945	27,866	23,707	21,465	17,317	9.1
Idaho	16,827	16,963	16,863	14,814	13,551	11,826	10,764	10,425	9.9
Wyoming	31,718	33,379	33,320	32,997	27,000	24,700	23,950	21,810	9.9
Colorado	14,170	13,561	14,896	15,458	13,229	12,885	12,118	10,890	9.0
New Mexico	16,446	17,349	16,399	15,719	14,591	13,868	12,141	11,361	8.3
Arizona	4,371	4,303	4,362	4,042	4,056	3,567	3,187	3,027	7.3
Utah	18,807	17,910	18,081	16,845	14,869	14,229	14,266	13,120	9.8
Nevada	5,416	5,484	5,521	5,100	4,906	4,424	4,190	3,618	8.6
Washington	5,446	5,778	5,496	5,132	4,555	3,977	3,566	3,566	9.2
Oregon	14,016	14,068	12,923	10,471	9,654	8,300	6,800	6,204	8.8
California	23,416	24,615	23,954	22,375	21,595	20,408	17,607	15,084	6.6
Other States	2,842	2,876	2,910	2,791	2,621	2,418	2,292	2,174	4.8
Pulled wool	62,000	65,800	66,700	65,200	73,500	70,500	61,300	57,800	

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics and Wool Production and Income.

## No. 782.—WOOL CONSUMED IN MANUFACTURES: 1923 TO 1947

(In millions of pounds)

YEAR	SCOURED BASIS <sup>1</sup>			GREASY-SHORN BASIS <sup>2</sup>		YEAR	SCOURED BASIS <sup>1</sup>			GREASY-SHORN BASIS <sup>2</sup>	
	Total	Apparel class <sup>3</sup>	Carpet class	Apparel class <sup>3</sup>	Carpet class		Total	Apparel class <sup>3</sup>	Carpet class	Apparel class <sup>3</sup>	Carpet class
1923	422.4	311.3	111.1	603.1	152.2	1936	406.1	299.8	106.3	666.4	152.5
1924	342.2	249.7	92.5	516.0	126.7	1937	380.8	274.2	106.6	579.6	152.7
1925	349.9	251.7	98.2	525.2	134.5	1938	384.8	219.6	84.9	513.9	93.0
1926	342.7	254.7	88.0	524.1	120.5	1939	407.9	293.1	103.4	673.8	149.2
1927	354.1	258.7	95.4	551.1	130.7	1940	407.9	310.0	97.9	683.2	137.6
1928	333.2	232.4	100.8	511.9	138.1	1941	648.0	514.4	133.6	1,018.9	194.3
1929	368.1	253.2	114.9	554.7	157.4	1942	603.6	560.6	43.1	1,104.1	59.9
1930	263.2	200.7	62.5	447.9	85.6	1943	636.2	603.3	32.9	1,134.1	44.8
1931	311.0	237.7	73.3	545.2	103.2	1944	622.8	577.0	45.8	1,055.4	61.7
1932	290.1	188.5	41.6	439.8	58.6	1945	645.1	589.2	55.9	1,058.4	70.4
1933	317.1	245.5	71.6	572.2	100.8	1946	737.5	609.6	127.9	1,100.7	181.6
1934	326.6	167.6	62.1	381.4	88.7	1947	698.3	525.9	172.4	1,021.2	242.6
1935	417.5	319.0	98.5	748.4	141.7						

<sup>1</sup> Scoured wool plus greasy wool reduced to a scoured basis, assuming average yields varying with class, origin, grade, and whether shorn or pulled.

<sup>2</sup> Shorn wool reported greasy plus pulled wool reported greasy raised to a "greasy-shorn" basis, and shorn and pulled wool reported scoured raised to a "greasy-shorn" basis, conversion factors varying with class, origin, grade, and whether shorn or pulled.

<sup>3</sup> Wool regarded as more or less suitable for apparel purposes; formerly "Combing and clothing."

<sup>4</sup> Does not include consumption on "cotton and other" systems.

Source: Department of Commerce, Bureau of the Census; monthly data are published in Facts for Industry Series M 15H.



**No. 788.—DOMESTIC AND OTHER ANIMALS ON FARMS, BY KIND—SUMMARY FOR  
ALASKA, AMERICAN SAMOA, GUAM, HAWAII, PUERTO RICO, AND VIRGIN ISLANDS**

[Figures are as of Apr. 1 except for Alaska, which are as of Oct. 1]

CLASS	NUMBER					
	Alaska		American Samoa		Guam	
	1929	1939	1930	1940	1930	1940
Horses.....	311	498	215	121	147	126
Mules.....	8					
Asses and burros.....						
Carabaos.....					3,253	1,500
Cattle.....	1,869	3,749	606	272	6,948	5,845
Milk cows.....	653	1,217	(1)	26	(1)	260
Sheep.....	6,858	17,076				
Goats.....	325	280			1,003	1,353
Swine.....	310	959	5,170	8,641	7,616	14,089
Chickens.....	10,979	18,374	16,108	22,908	154,784	209,465
Fur-bearing animals.....	21,045	34,433				
Reindeer.....	712,500	312,854				
	Hawaii		Puerto Rico		Virgin Islands	
	1930	1940	1930	1940	1930	1940
Horses.....	12,030	10,044	42,120	33,688	862	954
Mules.....	7,975	4,491	5,827	4,652	994	623
Asses and burros.....	878					
Carabaos.....	102	52	1,756	1,547	523	544
Cattle.....	138,316	139,078	296,235	299,734	12,252	8,796
Milk cows.....	10,465	10,952	112,376	89,217	4,726	2,480
Sheep.....	32,137	26,207	3,250	3,488	1,533	819
Goats.....	452	765	34,209	42,861	1,476	2,134
Swine.....	30,563	31,684	69,266	97,306	860	1,124
Chickens.....	270,523	272,590	(1)	981,358	3,331	8,046

1 Not available.

2 Excluding data for animals under 3 months old.

3 Excluding data for sheep and lambs under 6 months old.

4 Excluding data for animals or chickens under 4 months old.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Agriculture, Territories and Possessions.

**No. 784.—PRINCIPAL CROPS, LAND HARVESTED AND PRODUCTION—SUMMARY FOR  
ALASKA, HAWAII, VIRGIN ISLANDS, PUERTO RICO, GUAM, AND AMERICAN SAMOA**

[Leaders indicate no data available]

AREA AND CROP	LAND HARVESTED (ACRES)		PRODUCTION			
	1929	1939	Unit	Quantity		
				1929	1939	
ALASKA						
Barley.....	39	654	Bushel.....	970	13, 219	
Oats.....	153	527	do.....	6, 918	13, 661	
Potatoes.....	271	388	do.....	40, 893	41, 887	
Wheat.....	54	527	do.....	1, 054	9, 479	
HAWAII						
	1930	1940		1930	1940	
Coffee.....	5, 360	4, 136	Pound.....	19, 949, 521	8, 546, 783	
Corn.....	1, 532	1, 862	Ton.....	1, 004	816	
Pineapples.....		48, 598	do.....	354, 940	614, 484	
Potatoes, white.....	214	487	Hundredweight.....	6, 054	19, 916	
Rice.....	2, 045	509	Pound.....	7, 582, 067	1, 901, 816	
Sugarcane.....	146, 063	135, 945	Ton.....	7, 471, 452	8, 535, 023	
Sweetpotatoes and yams.....	336	180	Pound.....	1, 877, 700	927, 105	
Taro.....	772	622	Ton.....	11, 951	5, 790	
VIRGIN ISLANDS						
	1929	1939		1929	1939	
Sugarcane.....	5, 823	4, 097	Ton.....	56, 405	42, 641	
Sweetpotatoes and yams.....	28	131	Hundredweight.....	831	1, 801	

## No. 784.—PRINCIPAL CROPS, LAND HARVESTED AND PRODUCTION—SUMMARY FOR ALASKA, HAWAII, VIRGIN ISLANDS, PUERTO RICO, GUAM, AND AMERICAN SAMOA—CON.

AREA AND CROP	LAND HARVESTED OR NUMBER OF TREES OR PLANTS		PRODUCTION		
	1929	1930	Unit	Quantity	
				1929	1930
PUERTO RICO					
	<i>Cuerdas</i>	<i>Cuerdas</i>			
Coffee.....	191,712	181,108	Pound.....	7,281,877	32,652,044
Corn.....	70,217	59,350	Cwt.....	449,016	579,110
Cotton.....	10,282	3,381	Pound.....	5,482,462	1,637,067
Dry beans.....	40,902	48,863	Cwt.....	194,208	192,488
Pigeon peas.....		34,301	do.....		167,222
Rice.....	5,244	12,753	do.....	22,126	76,186
Sugarcane.....	237,758	229,750	Ton.....	5,002,451	7,237,717
Sweetpotatoes.....	47,616	49,565	Cwt.....	1,152,443	1,031,000
Tobacco.....	52,947	28,584	Pound.....	30,358,149	19,895,377
Yamla.....	15,683	22,080	Cwt.....	350,947	427,072
Bananas.....		47,114	Bunch.....	26,828,650	16,014,474
Coconuts.....		12,961	Number.....	12,008,000	21,776,280
Grapefruit.....		4,869	Box or no. <sup>1</sup> .....	604,943	24,829,531
Oranges.....		9,879	do. <sup>1</sup> .....	871,370	116,273,892
Pineapples.....		1,912	Crate.....	436,400	219,234
Plantains.....		16,775	Bunch.....	1,951,638	5,166,236
	1929	1930		1929	1930
GUAM					
	<i>Acres</i>	<i>Acres</i>			
Arrowroot.....	75	93	Pound.....	46,836	126,640
Cassava.....	185	181	do.....	195,511	472,867
Corn.....	3,565	2,176	Bushel.....	37,686	86,313
Rice.....	197	517	do.....		10,890
Sweetpotatoes.....	543	821	do.....	10,680	13,753
Taro.....	1,033	718	Number.....	1,834,967	2,446,908
Yams.....	404	199	Bushel.....	21,096	15,373
	<i>Number of trees or plants</i>	<i>Number of trees or plants</i>			
Alligator pears (avocados).....	7,407	10,220	Number.....	287,001	859,681
Bananas.....	280,521	535,240	Bunch.....	106,327	301,264
Breadfruit.....	36,493	37,279	Number.....	3,671,190	2,931,796
Coconuts.....	1,021,884	985,424	do.....	17,431,580	20,849,546
Coffee.....	101,488	90,264	Pound.....	54,718	42,696
Kapok.....	6,380	9,629	do.....	14,656	18,283
Lemons.....	8,496	11,270	Number.....	882,233	868,094
Mangoes.....	5,263	4,603	do.....	1,184,348	1,933,761
Oranges.....	4,891	5,477	do.....	893,047	365,072
Papayas.....	5,847	7,719	do.....	96,712	78,153
Pineapples.....	157,528	184,263	do.....	118,233	87,026
Tangerines.....		2,951	do.....		647,718

AREA AND CROP	FARMS REPORTING		LAND HARVESTED OR NUMBER OF TREES OR PLANTS		PRODUCTION <sup>2</sup>	
	1929	1930	1929	1930	Unit	Quantity, 1929
AMERICAN SAMOA	<i>Number</i>	<i>Number</i>	<i>Acres</i>	<i>Acres</i>		
Arrowroot.....	38	690	4		Pound.....	2,478
Sugarcane.....	48	806	13		do.....	83,675
Taro.....	808	1,017	714		Number.....	1,745,880
Tobacco.....	95	197	168		Pound.....	98,130
Yams.....	112	542	67		Bushel.....	2,819
			<i>Number of trees or plants</i>	<i>Number of trees or plants</i>		
Alligator pears (avocados).....	288	343	918	1,276		
Bananas.....	810	1,027	262,590	<sup>3</sup> 459,000		
Breadfruit.....	803	1,028	25,230	<sup>3</sup> 46,000		
Coconuts.....			<sup>4</sup> 275,000	<sup>4</sup> 245,000		
Limes.....	101	559	279	2,383		
Mangoes.....	402	631	1,615	3,203		
Oranges.....	400	671	2,080	4,699		

<sup>1</sup> For 1929, box; for 1930, number.<sup>2</sup> Data for 1930 not available.<sup>3</sup> Estimated in part.<sup>4</sup> Based on estimates supplied by Governor of Samoa.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Agriculture, Territories and Possessions.

## 25. Forests and Forest Products

The Bureau of the Census, Department of Commerce, and the Forest Service, Department of Agriculture, are the principal Government agencies engaged in the collection and publication of statistics of forest land, forest industries, and forest products. The Forest Service, through its forest survey activities, is making an inventory of the forest resource and is measuring rates of forest growth and drain. A number of reports for surveyed areas have been published. A series of reports based on a reappraisal of the Nation's forest situation made during 1945 and 1946 have been published recently. Tables on forest areas, stand, growth, and drain (Nos. 785-788) are from the preliminary report of this series, Basic Forest Statistics for the United States. Other reports from this series are (1) Gaging the Timber Resource of the United States, (2) Potential Requirements for Timber Products in the United States, (3) The Management Status of Forest Lands in the United States, (4) Wood Waste in the United States, (5) Protection against Forest Insects and Diseases in the United States, and (6) Forest Cooperatives in the United States. Other reports to follow these will deal with different aspects and the situation as a whole. Other publications of the Forest Service include data on stumpage and log prices, lumber consumption and distribution, lumber used in manufacture, and fire statistics. The Statistical Supplement to the Annual Report of the Chief of the Forest Service carries statistics of the administration of the national forests.

The Bureau of the Census, Department of Commerce, publishes information on forest industries and products in reports of the Census of Manufactures, in addition to annual reports of the Census of Forest Products. The Bureau of the Census also publishes statistics of foreign trade in forest products. Information on the domestic movement of forest products is reported by the Interstate Commerce Commission and the Association of American Railways.

The Bureau of Agricultural and Industrial Chemistry of the Department of Agriculture publishes annual reports of the production of naval stores.

The Bureau of Labor Statistics of the Department of Labor publishes statistics of wholesale lumber prices monthly and annually.

The Timber Products and Pulp and Paper series of the Industry Reports, published by the Bureau of Foreign and Domestic Commerce in cooperation with other government agencies, carry forest products statistics which have been developed to meet current needs for information.

A number of forest products trade associations and trade journals collect and publish statistics of forest products, production, markets, shipments, inventories, etc.

The completeness and reliability of published statistics of forests and forest products vary considerably. The data for forest land area and stand are, of course, much more reliable for areas which have been surveyed than for those areas which have not been covered. Forest fire statistics for federal lands are considered much better than for private lands, though too much reliance should not be placed in any estimates of fire damage or causes of fires.

In the field of forest products, data for lumber production and other manufactured products such as veneer and plywood, pulp and paper, cooperage, naval stores, etc., are much more complete than for the primary forest products such as poles and piling, fuelwood, and fence posts. As explained in the headnotes to the following tables, however, the data for lumber production are subject to certain limitations because of incomplete coverage. Information for pulp and paper, and plywood, on the other hand, are believed to be practically complete. Statistics relating to average value of lumber sawed may be subject to some special limitations due to under representation of small mills.

## No. 785.—FOREST LAND AREA AND OWNERSHIP OF COMMERCIAL FOREST LAND, BY STATES

(In thousands of acres)

REGION AND STATE	Total forest land	All owner-ships	COMMERCIAL FOREST LAND <sup>1</sup>						
			Federally owned or managed			State, county, and municipal	Private		
			Total	National	Other		Total	Farm	Industrial and other
<b>Total</b> .....	523,828	441,644	88,957	73,512	15,445	27,114	344,973	129,068	295,916
<b>North</b> .....	211,753	179,321	11,311	9,523	1,788	13,414	139,596	61,018	78,578
<b>New England</b> .....	31,092	30,851	891	822	69	664	29,294	6,477	22,817
Connecticut.....	1,907	1,900	—	—	—	155	1,745	711	1,034
Maine.....	18,788	18,665	74	67	7	60	16,541	2,173	14,368
Massachusetts.....	3,310	3,297	24	1	23	271	3,002	906	2,096
New Hampshire.....	4,800	4,722	621	613	8	79	4,022	1,086	2,936
Rhode Island.....	452	447	—	—	—	27	420	107	313
Vermont.....	2,835	2,820	172	161	11	84	2,564	1,494	2,070
<b>Middle Atlantic</b> .....	44,214	41,586	1,476	1,265	211	3,613	36,497	11,854	24,643
Delaware.....	442	442	2	—	—	7	435	238	197
Maryland.....	2,742	2,723	44	3	41	149	2,529	1,198	1,331
New Jersey.....	2,348	2,329	63	—	—	96	2,180	434	1,746
New York.....	13,500	11,114	75	—	—	732	10,307	3,551	6,756
Pennsylvania.....	15,228	15,127	470	443	26	2,514	12,143	3,809	8,334
West Virginia.....	9,954	9,852	833	820	13	115	8,905	2,984	5,921
<b>Lake</b> .....	58,700	50,345	6,495	5,455	1,040	14,805	29,045	13,994	15,051
Michigan.....	19,000	17,360	2,155	2,035	120	4,115	11,110	8,200	2,910
Minnesota.....	19,700	16,700	2,670	2,170	500	7,100	6,930	4,330	2,600
Wisconsin.....	17,000	16,285	1,670	1,280	390	3,590	11,005	6,340	4,665
<b>Central</b> .....	44,919	44,213	2,117	1,951	166	336	41,776	25,799	15,977
Illinois.....	3,396	3,319	192	175	17	10	3,117	2,092	1,025
Indiana.....	3,445	3,358	104	79	25	76	3,178	3,139	49
Iowa.....	2,248	2,226	16	5	11	19	2,191	2,196	—
Kentucky.....	11,957	11,694	534	427	107	35	11,125	5,421	5,704
Missouri.....	19,142	18,837	1,109	1,193	6	78	17,560	8,839	8,721
Ohio.....	4,831	4,779	72	72	—	106	4,699	3,112	1,587
<b>Plains</b> .....	25,828	2,326	332	36	296	4	2,990	2,148	842
Kansas.....	1,121	1,011	—	—	—	—	1,011	1,011	—
Nebraska.....	1,112	987	39	15	24	—	948	948	—
North Dakota.....	621	470	55	—	55	1	414	414	—
Oklahoma (West) <sup>2</sup> .....	6,326	—	—	—	—	—	—	—	—
South Dakota (East) <sup>3</sup> .....	662	618	215	15	200	3	400	400	—
Texas (West) <sup>4</sup> .....	25,966	340	—	—	23	—	217	187	30
<b>South</b> .....	185,844	183,356	14,978	10,138	3,840	2,180	167,029	69,666	97,363
<b>South Atlantic</b> .....	43,843	42,923	3,485	2,775	710	536	38,942	23,377	15,565
North Carolina.....	18,400	17,997	1,312	980	332	342	16,443	10,072	6,371
South Carolina.....	10,611	10,549	720	549	171	187	9,642	5,684	3,958
Virginia.....	14,832	14,377	1,453	1,206	247	107	12,817	7,621	5,196
<b>Southeast</b> .....	91,842	89,390	5,909	3,802	2,107	1,216	82,265	33,134	49,131
Alabama.....	18,878	18,800	986	613	373	121	17,793	7,239	10,554
Florida.....	22,478	21,765	1,713	1,009	704	326	19,726	3,906	15,820
Georgia.....	21,432	21,107	1,202	646	556	72	19,633	10,362	9,271
Mississippi.....	15,889	15,868	1,307	979	328	410	14,151	6,323	7,828
Tennessee.....	12,165	11,850	801	555	246	287	10,762	5,194	5,568
<b>West Gulf</b> .....	51,119	50,953	4,684	3,561	1,123	406	45,861	12,549	33,312
Arkansas.....	20,036	19,928	2,645	2,214	431	104	17,179	6,142	11,037
Louisiana.....	16,196	16,169	747	536	211	265	15,157	2,969	12,188
Oklahoma (East) <sup>5</sup> .....	4,320	4,308	619	163	456	23	3,666	612	2,954
Texas (East) <sup>6</sup> .....	10,567	10,548	673	648	25	16	9,850	2,635	7,215
<b>West</b> .....	225,271	167,457	63,668	53,851	9,717	5,549	38,349	5,988	32,361
<b>Pacific Northwest</b> .....	58,855	46,294	21,912	17,341	4,571	3,435	19,767	3,234	16,533
Oregon.....	29,755	26,330	15,251	11,530	3,721	1,101	9,978	1,537	8,441
Washington.....	24,100	19,874	7,761	5,811	1,950	2,334	9,779	1,797	7,982
<b>California</b> .....	45,515	16,408	8,099	7,084	1,015	23	8,283	1,309	6,974
<b>North Rocky Mountain</b> .....	53,246	29,056	20,912	18,061	1,851	1,702	7,352	2,547	4,805
Idaho.....	18,613	10,149	6,436	5,838	598	925	2,783	841	1,942
Montana.....	24,238	14,738	10,122	9,118	1,004	699	3,937	1,614	2,323
South Dakota (West) <sup>7</sup> .....	1,317	1,147	920	918	2	4	223	144	79
Wyoming.....	8,878	3,012	2,534	2,187	347	74	404	248	156
<b>South Rocky Mountain</b> .....	72,655	15,782	12,445	10,765	1,680	289	2,957	1,436	1,521
Arizona.....	19,539	2,815	2,744	2,058	686	30	41	38	3
Colorado.....	19,902	7,874	5,923	5,387	536	152	1,799	660	1,139
Nevada.....	4,720	68	24	24	—	—	74	13	61
New Mexico.....	20,001	3,465	2,405	2,020	385	—	911	693	218
Utah.....	5,494	1,530	1,349	1,276	73	49	132	106	26

<sup>1</sup> Includes land capable of producing timber of commercial quantity and quality, and available now or prospectively, for commercial use. Status beginning 1945.

<sup>2</sup> Western and central portions of Oklahoma and Texas included in the Plains region; eastern portions included in the West Gulf region.

<sup>3</sup> Eastern and central portions of South Dakota included in the Plains; southwestern portion (Black Hills) included in the North Rocky Mountain region.

Source: Department of Agriculture, Forest Service; A Reappraisal of the Forest Situation.

## No. 786.—SAW TIMBER ON COMMERCIAL FOREST LAND, BY STATES

[In millions of board feet. Status beginning of 1945. Includes volume on land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use. Includes trees large enough for sawlogs regardless of actual use, in accordance with practice of region. Volumes on lumber-tally basis.]

REGION AND STATE	Total	Soft-wood	Hard-wood	ON SAW-TIMBER AREAS		On other than saw-timber areas	SAW-TIMBER GROWTH		
				On virgin areas	On second-growth areas		Total	Soft-wood	Hard-wood
<b>Total</b> .....	1,400,972	1,296,377	304,595	340,346	660,719	99,913	35,301	21,348	13,453
<b>North</b> .....	220,429	65,836	154,593	21,843	139,386	29,401	5,355	2,000	3,355
New England.....	58,197	33,363	24,834	728	48,605	5,846	1,799	910	889
Connecticut.....	1,642	258	1,384	—	1,111	531	107	14	93
Maine.....	36,787	24,279	12,508	535	31,912	4,350	760	491	269
Massachusetts.....	4,670	1,946	2,724	15	3,967	768	342	96	146
New Hampshire.....	7,610	3,424	4,186	88	5,739	1,793	389	174	215
Rhode Island.....	153	22	131	—	69	84	9	1	8
Vermont.....	7,335	3,334	4,001	96	5,907	1,330	293	134	158
Middle Atlantic.....	62,645	14,617	48,028	1,197	47,459	13,289	2,712	697	2,115
Delaware.....	1,163	519	664	25	1,029	129	62	27	35
Maryland.....	4,030	1,779	2,251	37	3,053	940	202	106	97
New Jersey.....	2,189	783	1,405	26	1,362	801	103	37	66
New York.....	26,279	6,926	19,353	329	21,068	3,862	785	191	594
Pennsylvania.....	20,582	3,087	17,495	162	13,406	7,014	1,111	193	918
West Virginia.....	8,783	923	7,860	619	7,521	643	449	44	405
<b>Lake</b> .....	60,710	15,676	35,044	17,399	23,286	10,040	1,489	346	1,057
Michigan.....	24,140	7,400	16,740	13,550	7,500	3,090	519	96	423
Minnesota.....	11,590	4,940	6,650	2,020	5,350	4,010	420	—	244
Wisconsin.....	14,980	3,330	11,650	1,820	10,230	2,940	464	74	390
<b>Central</b> .....	43,747	2,418	41,329	1,249	35,616	5,682	2,248	128	2,120
Illinois.....	3,717	22	3,695	71	3,092	554	208	1	207
Indiana.....	6,175	6	6,169	—	5,773	402	298	2	296
Iowa.....	5,344	43	5,301	—	4,849	502	296	2	293
Kentucky.....	12,392	1,611	10,781	797	10,356	1,239	638	63	565
Missouri.....	6,964	663	6,321	331	3,849	2,754	338	37	351
Ohio.....	9,135	73	9,062	—	8,704	431	421	3	418
<b>Plains</b> .....	5,730	468	5,262	1,080	3,436	1,224	193	19	174
Kansas.....	2,880	—	2,880	600	1,800	480	82	—	82
Nebraska.....	1,600	800	1,200	300	600	480	—	10	48
North Dakota.....	434	20	414	—	344	90	16	1	15
Oklahoma (West) <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
South Dakota (East) <sup>2</sup> .....	720	96	624	120	480	120	26	4	22
Texas (West) <sup>3</sup> .....	196	62	144	—	142	54	11	4	7
<b>South</b> .....	337,967	193,790	144,197	11,617	306,832	20,537	19,938	12,919	7,019
South Atlantic.....	97,141	59,326	37,815	—	90,205	6,936	6,186	4,616	2,090
North Carolina.....	42,241	27,962	14,279	—	40,109	2,122	2,589	1,635	754
South Carolina.....	20,580	19,362	1,218	—	28,462	1,128	1,733	1,234	499
Virginia.....	25,320	12,002	13,318	—	21,644	3,676	1,784	947	837
<b>Southeast</b> .....	135,387	76,992	58,395	4,674	121,473	9,740	8,224	5,284	2,940
Alabama.....	33,361	20,681	12,680	694	30,482	2,186	2,021	1,392	629
Florida.....	17,306	12,663	4,646	844	14,410	2,054	989	767	222
Georgia.....	40,543	28,941	11,602	2,005	36,121	2,417	2,501	1,995	506
Mississippi.....	30,453	11,692	18,861	1,121	27,206	2,116	1,556	904	962
Tennessee.....	14,222	2,916	11,306	—	13,254	968	847	226	621
<b>West Gulf</b> .....	104,959	57,472	47,487	6,943	94,155	3,861	5,608	3,619	1,989
Arkansas.....	37,528	22,315	15,213	2,080	23,940	1,508	1,929	1,186	743
Louisiana.....	36,895	13,930	22,965	2,492	33,184	1,219	1,893	970	923
Oklahoma (East) <sup>1</sup> .....	3,048	2,044	1,004	234	2,497	317	137	95	42
Texas (East) <sup>1</sup> .....	27,485	19,183	8,302	2,137	24,534	817	1,649	1,366	281
<b>West</b> .....	1,042,556	1,036,751	5,805	807,081	195,500	39,975	7,000	6,329	79
Pacific Northwest.....	536,894	626,941	3,953	513,149	111,706	6,039	4,224	4,152	72
Oregon.....	381,389	378,577	2,812	307,288	71,913	2,188	2,483	2,432	51
Washington.....	249,505	248,364	1,141	205,861	39,793	3,851	1,741	1,720	21
California.....	227,565	327,565	—	180,082	32,624	14,839	1,160	1,160	—
North Rocky Mountain.....	127,229	126,293	936	69,810	43,212	14,207	1,306	1,302	4
Idaho.....	60,796	60,784	32	27,078	28,076	5,643	826	826	( <sup>4</sup> )
Montana.....	52,516	52,112	403	32,020	12,531	7,964	418	414	4
South Dakota (West) <sup>2</sup> .....	2,866	2,866	—	1,249	1,333	284	22	22	( <sup>4</sup> )
Wyoming.....	11,052	10,551	501	9,463	1,372	317	40	40	( <sup>4</sup> )
South Rocky Mountain.....	66,858	55,952	916	44,040	7,658	4,870	318	315	3
Arizona.....	16,270	16,270	—	14,265	1,787	218	94	94	—
Colorado.....	27,658	26,742	916	18,727	4,860	4,071	145	142	3
Nevada.....	367	367	—	287	35	45	1	1	—
New Mexico.....	8,471	8,471	—	7,134	871	466	68	58	—
Utah.....	4,102	4,102	—	3,627	405	70	20	20	—

<sup>1</sup> Volume in western and central portions of Oklahoma and Texas included in the Plains region; that in eastern portions included in the West Gulf region.

<sup>2</sup> Volume in eastern and central portions of South Dakota included in the Plains; that in southwestern portion (Black Hills) included in North Rocky Mountain region.

<sup>3</sup> Less than 500,000 board feet.

Source: Department of Agriculture, Forest Service; A Reappraisal of the Forest Situation.

## No. 787.—SAW TIMBER—VOLUME, BY SPECIES AND REGION

[In millions of board feet. Status beginning of 1945. For States represented in regions shown, see table 786.]

KIND OF WOOD	Total North and South	New England	Middle Atlantic	Lake	Central	Plains	South Atlantic	South-east	West Gulf
<b>Eastern softwoods, total</b> .....	289,626	33,263	14,817	15,670	2,418	463	59,325	76,992	57,472
Southern yellow pine.....	188,327	142	4,035		1,727	51	54,954	70,927	55,491
Spruce and fir.....	27,007	20,649	2,718	3,600			40		
White and Norway pine.....	15,383	7,830	3,060	3,690	161		617	335	
Hemlock.....	14,921	3,764	3,998	5,980	343		735	142	
Cypress.....	6,236				126	1	2,277	3,264	548
Other.....	7,752	1,378	218	2,430	51	416	512	2,304	433
<b>Eastern hard woods, total</b> .....	298,790	24,934	48,028	35,040	41,329	5,262	37,815	58,898	47,487
Oak.....	101,561	2,265	19,012	5,090	20,370	702	12,815	21,017	20,110
Beech, birch, and maple.....	67,887	20,740	19,310	17,090	7,207		2,330	1,310	
Sweet gum.....	26,476				616	36	6,667	10,518	8,641
Tupelo and black gum.....	18,957				348	3	6,250	7,309	5,047
Cottonwood and aspen.....	15,662	1,385	1,154	6,380	2,472	2,414	116	907	834
Yellow poplar.....	12,347	56	1,710		2,169		4,512	3,900	
Other.....	55,060	488	5,842	6,480	8,147	2,107	5,125	14,035	12,855

KIND OF WOOD	Total West	PACIFIC NORTHWEST			California	North Rocky Mountain	South Rocky Mountain
		Total	Douglas-fir subregion	Pine subregion			
<b>Western species, total</b> .....	1,042,556	639,694	504,811	125,863	227,565	127,229	56,868
Douglas fir.....	430,028	331,227	310,523	20,704	68,613	26,718	3,470
Ponderosa pine.....	185,026	80,198	4,850	75,348	51,191	26,771	25,985
True firs.....	113,541	57,854	46,464	11,390	43,012	9,360	3,215
Western hemlock.....	97,307	95,855	94,499	1,356		1,352	
Sugar pine and western white pine.....	40,224	8,069	6,171	1,918	19,505	12,630	
Redwood.....	38,114				38,114		
Spruce.....	35,880	8,020	8,020			12,496	15,361
Larch.....	26,606	8,727	145	8,582		17,879	
Lodgepole pine.....	22,060	1,171	37	1,134		14,406	6,429
Other softwoods.....	48,065	25,900	30,385	5,414	7,120	4,678	456
Hardwoods.....	5,905	3,663	3,866	87		936	111

\* Balsam fir

\* Ponderosa pine.

\* Excludes dead chestnut of sawlog size still standing and usable.

\* May include some white fir, Sitka spruce, western hemlock, Port Oxford cedar and western red cedar commonly lumped with Douglas-fir in redwood cruising.

\* Excludes 416 million board feet in Plains region.

\* Includes Jeffery pine.

\* Includes western white pine, mountain hemlock, and lodgepole pine recorded in cruises of fir areas.

\* Redwood exclusive of volume of 1,000 bigtrees on cruises in west-side Sierra subregion.

Source: Department of Agriculture, Forest Service; A Reappraisal of the Forest Situation.

## No. 788.—ANNUAL DRAIN FROM COMMERCIAL FOREST LANDS BY CUTTING FOR COMMODITIES AND BY DESTRUCTIVE AGENCIES

[Includes drain in volume from land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use]

ITEM	ALL TIMBER DRAIN (MILLIONS OF CU. FT.)			SAW-TIMBER DRAIN (MILLIONS OF BD. FT.)		
	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
<b>Aggregate</b> .....	13,641	8,151	5,510	63,892	38,536	15,363
<b>Timber cut for commodities (1944)</b> .....	12,182	7,348	4,834	49,558	25,891	14,957
Lumber.....	6,711	4,778	1,933	34,391	26,120	8,261
Fuelwood.....	2,203	719	1,484	3,863	1,967	1,896
Pulpwood.....	1,306	1,163	143	4,757	4,400	357
Hewed ties.....	368	183	210	1,794	777	996
Fence posts.....	220	89	161	226	62	144
Veneer logs.....	392	165	227	1,971	942	1,029
Mine timbers.....	235	40	185	320	70	260
Cooperage.....	174	40	134	744	198	546
Shingles.....	72	72		234	234	
Other.....	516	169	367	1,409	604	805
<b>Timber removed by destructive agencies (average 1934-45)</b> .....	1,479	803	676	4,235	2,939	1,296
Fire.....	490	247	213	889	547	312
Insects, disease, wind, etc.....	1,019	556	463	3,346	2,392	954

Source: Department of Agriculture, Forest Service; A Reappraisal of the Forest Situation.



No. 789.—FOREST FIRES—NUMBER, AND AREA BURNED OVER ON FEDERAL, STATE, AND PRIVATE FOREST LANDS: 1929 TO 1946

[Area in thousands of acres]

CALENDAR YEAR	FEDERAL LANDS, PROTECTED AREA <sup>1</sup>			STATE AND PRIVATE FORESTS <sup>2</sup>					
				On protected area			On unprotected area		
	Forest area <sup>3</sup>	Number of fires	Area burned over	Forest area <sup>3</sup>	Number of fires	Area burned over	Forest area <sup>3</sup>	Number of fires	Area burned over
1929.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	395, 675	44, 076	4, 876	203, 890	90, 819	41, 354
1930.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	399, 142	70, 832	5, 809	208, 779	120, 148	46, 457
1931.....	134, 610	5, 715	551	266, 173	56, 459	5, 856	216, 541	125, 040	45, 200
1932.....	138, 525	4, 933	419	266, 723	55, 567	3, 234	220, 617	105, 899	38, 410
1933.....	176, 696	4, 517	380	266, 259	48, 770	3, 343	218, 664	87, 435	40, 167
1934.....	182, 167	8, 064	658	282, 979	61, 254	3, 515	209, 558	93, 345	37, 648
1935.....	180, 443	7, 962	228	288, 751	54, 592	2, 311	204, 379	77, 743	27, 796
1936.....	187, 122	11, 144	425	298, 365	73, 709	3, 792	195, 650	141, 432	38, 990
1937.....	182, 872	9, 468	90	301, 911	54, 292	1, 254	182, 763	121, 449	20, 637
1938.....	191, 860	9, 873	316	308, 458	76, 326	2, 623	158, 884	146, 030	30, 876
1939.....	157, 691	12, 356	522	278, 919	85, 677	3, 266	148, 812	114, 638	26, 600
1940.....	153, 723	14, 076	482	281, 706	73, 527	2, 934	146, 749	107, 824	22, 432
1941.....	153, 559	10, 002	437	282, 074	80, 994	3, 138	143, 743	108, 706	22, 830
1942.....	153, 561	9, 941	576	290, 928	75, 849	3, 863	136, 687	122, 428	27, 415
1943.....	183, 052	9, 892	702	299, 331	78, 815	3, 860	131, 275	121, 619	27, 772
1944.....	212, 344	8, 985	375	301, 228	56, 148	2, 301	129, 919	66, 096	13, 873
1945.....	213, 210	8, 539	445	302, 942	48, 176	2, 456	126, 959	68, 013	14, 780
1946.....	213, 597	9, 670	321	318, 505	66, 103	2, 253	120, 489	96, 505	18, 117

<sup>1</sup> In continental U. S.; includes National Forests, Interior, Soil Conservation Service, TVA, Public Domain, etc.  
<sup>2</sup> In continental U. S. and Hawaii. Data reported to Forest Service by its field offices, cooperating agencies, other Government bureaus, and similar sources. Statistics on unprotected areas based on State estimates only.  
<sup>3</sup> Prior to 1939 forest area included total area needing protection. Beginning with 1939, this area included only forest area needing protection, which accounts for reduction in areas between 1938 and 1939.  
<sup>4</sup> Included in State and private forests, protected area.

Source: Department of Agriculture, Forest Service; annual report, Forest Fire Statistics, and records.

No. 790.—FOREST FIRE CONTROL—PREVENTION AND SUPPRESSION EXPENDITURES ON STATE AND PRIVATE FOREST LANDS, BY STATES AND FOR HAWAII: FISCAL YEAR 1947

[In thousands of dollars. In some States, Federal expenditures exceed total of State, county, and private expenditures because Federal wartime emergency allotment did not require matching]

STATE OR OTHER AREA	Total expend- itures	Federal (contri- bu- tions)	State and county	Pri- vate agen- cies	STATE OR OTHER AREA	Total expend- itures	Federal (contri- bu- tions)	State and county	Pri- vate agen- cies
Total.....	19, 603	7, 890	9, 477	2, 236	Nevada.....	21	10	8	3
Alabama.....	704	228	428	48	New Hampshire.....	123	58	47	18
Arkansas.....	344	157	102	85	New Jersey.....	301	138	163	—
California.....	2, 863	1, 081	1, 782	—	New Mexico.....	18	8	5	5
Colorado.....	71	35	19	17	New York.....	525	244	281	—
Connecticut.....	114	57	57	—	North Carolina.....	495	183	293	19
Delaware.....	13	6	7	—	Ohio.....	147	69	78	—
Florida.....	1, 059	382	325	352	Oklahoma.....	86	43	22	21
Georgia.....	419	210	81	128	Oregon.....	1, 948	765	494	689
Idaho.....	387	141	102	144	Pennsylvania.....	512	235	277	—
Illinois.....	39	19	20	—	Rhode Island.....	62	31	31	—
Indiana.....	150	44	106	—	South Carolina.....	885	330	554	1
Iowa.....	18	7	11	—	South Dakota.....	54	5	49	—
Kentucky.....	147	67	77	3	Tennessee.....	203	95	100	8
Louisiana.....	501	203	227	71	Texas.....	306	131	140	35
Maine.....	423	158	265	—	Utah.....	47	14	33	—
Maryland.....	245	82	163	—	Vermont.....	60	28	29	3
Massachusetts.....	228	96	132	—	Virginia.....	369	172	196	1
Michigan.....	1, 252	504	748	—	Washington.....	1, 682	768	432	482
Minnesota.....	687	302	385	—	West Virginia.....	461	141	320	—
Mississippi.....	408	162	246	—	Wisconsin.....	663	299	364	—
Missouri.....	356	102	254	—	Hawaii.....	8	4	4	—
Montana.....	199	76	20	103					

Source: Department of Agriculture, Forest Service; records.

No. 791.—NATIONAL FOREST AND LAND UTILIZATION AREAS, BY STATES AND FOR ALASKA AND PUERTO RICO: JUNE 30, 1947

[Areas in acres; comprises national forests, purchase units, experimental areas, land utilization and other areas]

STATE OR OTHER AREA	Gross area	Not under Forest Service Administration	Under Forest Service Administration	STATE OR OTHER AREA	Gross area	Not under Forest Service Administration	Under Forest Service Administration
National Forest and land utilization areas, total	228,810,442	48,546,188	180,264,254	New Mexico <sup>1</sup>	10,093,879	1,272,119	8,821,760
National Forest areas, total <sup>1</sup>	228,525,883	48,455,889	180,069,994	North Carolina	3,593,436	2,509,599	1,083,837
Alabama	2,435,087	1,815,619	619,468	North Dakota	764,425	763,905	520
Arizona	12,159,020	662,716	11,496,304	Ohio	1,466,109	1,378,894	87,215
Arkansas	3,586,802	1,255,187	2,331,615	Oklahoma	344,269	167,210	177,059
California <sup>2</sup>	24,802,273	5,093,812	19,708,461	Oregon	17,350,328	2,610,286	14,740,042
Colorado <sup>2</sup>	15,178,194	1,482,682	13,695,512	Pennsylvania	746,703	277,142	469,561
Florida	1,241,956	173,562	1,068,394	South Carolina	1,422,604	838,100	584,504
Georgia	1,732,322	1,076,371	655,951	South Dakota	1,403,157	287,720	1,115,437
Idaho	21,502,412	1,342,098	20,160,314	Tennessee	1,531,797	961,740	570,057
Illinois	812,654	601,344	211,310	Texas	1,714,374	1,052,666	661,708
Indiana <sup>2</sup>	781,467	689,825	91,642	Utah <sup>2</sup>	8,962,855	1,137,507	7,824,848
Iowa	218,671	213,922	4,749	Vermont	580,520	372,509	208,011
Kentucky	1,393,534	960,268	433,266	Virginia	4,123,667	2,684,024	1,439,643
Louisiana	1,274,977	731,652	543,325	Washington	10,743,236	1,085,134	9,658,102
Maine	878,032	828,775	49,257	West Virginia	1,836,144	932,001	904,143
Maryland	4,318	3,208	1,110	Wisconsin	2,018,964	582,480	1,436,484
Massachusetts	1,651		1,651	Wyoming	9,013,328	447,564	8,565,764
Michigan <sup>2</sup>	5,142,726	2,812,579	2,330,147	Alaska	20,883,244	35,097	20,848,147
Minnesota	5,041,773	2,428,773	2,613,000	Puerto Rico	186,155	154,060	32,095
Mississippi	2,777,325	1,731,388	1,045,937	Land utilization and other areas, total <sup>2</sup>	284,559	90,299	194,260
Missouri	3,459,999	2,131,587	1,328,412	California	400		400
Montana	19,000,612	2,476,853	16,523,759	Colorado	50,068	40,770	9,318
Nebraska	207,209	1,181	206,028	Indiana	3,180		3,180
Nevada	5,307,852	254,891	5,052,961	Michigan	46,073	3,947	42,126
New Hampshire	806,323	137,839	668,484	New Mexico	163,384	45,582	117,802
				Utah	21,434		21,434

<sup>1</sup> Within established boundaries. Area under Forest Service Administration includes federally owned lands in purchase units which have not been proclaimed as national forests, lands approved for acquisition, but un-acquired, experimental forests and ranges and all small federally-owned administrative sites outside of established boundaries, and lands within national forest boundaries which have been transferred from Soil Conservation Service and other Federal agencies but do not have a national forest status.

<sup>2</sup> Excludes those lands outside national forest boundaries transferred from Soil Conservation Service and other Federal agencies, and requiring Presidential or Congressional action to extend a national forest status.

<sup>3</sup> Outside established boundaries. Area under Forest Service Administration comprises lands acquired by United States in pursuance of certain national programs of land utilization and adjustment, which by Order of the Secretary of Agriculture have been placed under administration of Forest Service but have not yet been given a national forest status. Portions of these project lands, located within established national forest or purchase unit boundaries, are included as part of national forest or purchase unit acreage. Fort Bayard Reservation, New Mexico, was placed under administration of Forest Service by Federal Works Agency.

Source: Department of Agriculture, Forest Service; annual report, National Forest Areas.

No. 792.—NATIONAL FOREST LAND PURCHASES, BY STATES AND FOR PUERTO RICO, TO JUNE 30, 1947

[Under Act of Mar. 1, 1911, as amended by Act of June 7, 1924, and other related acts]

STATE OR OTHER AREA	Gross area (acres)	TOTAL NET AREA APPROVED FOR PURCHASE			PURCHASED			Remaining acquirable area (acres)
		Acres	Average price	Total price (1,000)	Acres	Average price	Total price (1,000)	
<b>Total.....</b>	<b>63, 134, 753</b>	<b>18, 586, 748</b>	<b>\$3. 81</b>	<b>\$70, 739</b>	<b>18, 217, 020</b>	<b>\$3. 77</b>	<b>\$68, 645</b>	<b>24, 467, 177</b>
Alabama.....	2, 435, 087	503, 757	3. 67	1, 847	500, 925	3. 65	1, 827	1, 461, 440
Arkansas.....	3, 585, 104	1, 173, 787	2. 84	3, 332	1, 139, 391	2. 75	3, 138	906, 129
California.....	3, 597, 783	139, 160	8. 23	1, 146	134, 705	8. 27	1, 114	913, 133
Florida.....	1, 241, 956	777, 499	3. 11	2, 415	770, 658	3. 07	2, 363	160, 376
Georgia.....	1, 727, 585	595, 521	4. 92	2, 928	593, 322	4. 90	2, 908	856, 886
Idaho.....	726, 970	28, 348	3. 39	96	26, 454	3. 42	90	219, 152
Illinois.....	801, 944	187, 964	6. 14	1, 155	185, 143	6. 09	1, 127	412, 540
Indiana.....	781, 467	91, 105	6. 91	630	80, 183	6. 69	536	417, 239
Iowa.....	218, 671	4, 748	9. 11	43	4, 748	9. 11	43	184, 562
Kentucky.....	1, 393, 521	433, 218	3. 89	1, 646	432, 907	3. 80	1, 643	745, 520
Louisiana.....	1, 274, 977	534, 157	2. 82	1, 507	532, 742	2. 81	1, 499	651, 452
Maine.....	878, 032	49, 245	6. 61	326	49, 050	6. 63	325	636, 942
Michigan.....	5, 142, 726	1, 886, 686	3. 05	5, 762	1, 856, 135	2. 96	5, 495	2, 275, 074
Minnesota.....	5, 041, 313	1, 536, 670	2. 44	3, 757	1, 503, 244	2. 39	3, 598	2, 126, 831
Mississippi.....	2, 685, 492	1, 003, 050	3. 53	3, 537	1, 003, 050	3. 53	3, 537	1, 529, 114
Missouri.....	3, 459, 999	1, 306, 958	2. 29	2, 996	1, 251, 950	2. 24	2, 803	1, 704, 543
Nevada.....	4, 062, 263	16, 258	9. 81	159	15, 738	9. 95	157	54, 057
New Hampshire.....	806, 323	668, 505	7. 77	5, 193	664, 260	7. 78	5, 167	113, 109
New Mexico.....	92, 514	20, 715	1. 92	40	20, 715	1. 92	40	10, 200
North Carolina.....	3, 605, 123	1, 021, 680	5. 15	5, 261	965, 749	5. 16	4, 979	1, 749, 223
North Dakota.....	764, 425	480	10. 00	5	480	10. 00	5	499, 480
Ohio.....	1, 466, 109	87, 189	6. 81	594	76, 684	6. 23	478	1, 153, 146
Oklahoma.....	344, 269	176, 160	1. 76	310	167, 049	1. 66	277	162, 879
Oregon.....	69, 704	52, 467	17. 03	894	52, 467	17. 03	894	7, 297
Pennsylvania.....	726, 311	467, 468	6. 27	2, 933	461, 010	6. 30	2, 905	145, 383
South Carolina.....	1, 422, 600	561, 665	6. 20	3, 484	558, 193	6. 16	3, 439	771, 155
Tennessee.....	1, 531, 695	559, 138	4. 45	2, 491	554, 179	4. 42	2, 450	613, 297
Texas.....	1, 714, 364	656, 556	4. 62	3, 034	653, 191	4. 62	3, 015	805, 726
Utah.....	2, 945, 520	115, 937	2. 93	339	113, 603	2. 90	329	182, 348
Vermont.....	580, 520	207, 861	9. 38	1, 951	168, 093	10. 16	1, 708	278, 485
Virginia.....	3, 969, 154	1, 440, 652	3. 27	4, 704	1, 406, 590	3. 25	4, 575	1, 642, 294
West Virginia.....	1, 836, 138	904, 137	3. 41	3, 081	903, 324	3. 41	3, 076	624, 392
Wisconsin.....	2, 018, 944	1, 364, 518	2. 17	2, 959	1, 358, 195	2. 16	2, 935	367, 699
Puerto Rico.....	186, 155	13, 489	13. 62	184	12, 893	13. 17	170	86, 074

Source: National Forest Reservation Commission, Annual Report.

No. 793.—NUMBER OF VISITS TO NATIONAL FORESTS FOR UTILIZATION OF RECREATION RESOURCES: 1939 TO 1946

[In thousands. Data for calendar years]

TYPE	1939	1940	1941	1942	1943	1944	1945	1946
<b>Visits for utilization of recreation resources, total.....</b>	<b>14, 332</b>	<b>16, 163</b>	<b>18, 005</b>	<b>10, 407</b>	<b>6, 275</b>	<b>7, 152</b>	<b>10, 074</b>	<b>18, 241</b>
Utilization of improved public recreation areas, total.....	11, 466	13, 053	10, 688	6, 066	3, 412	3, 585	5, 072	8, 763
Camp grounds.....	3, 157	3, 583	3, 350	1, 771	1, 095	1, 247	1, 815	3, 055
Picnic areas.....	7, 019	7, 931	5, 819	3, 301	2, 050	2, 051	2, 729	4, 459
Winter sports area.....	1, 289	1, 538	1, 519	994	267	287	527	1, 249
Organization camps.....	.....	.....	244	160	115	177	276	385
Hotels or resorts.....	1, 988	2, 258	1, 918	1, 136	680	715	1, 271	2, 286
Recreation residences.....	878	852	601	380	244	370	506	713
Wilderness areas.....	.....	.....	87	56	43	50	74	144
Other forest areas.....	.....	.....	4, 467	2, 610	1, 780	2, 254	2, 874	5, 948
Visits for utilization of highways, roads, and water routes.....	111, 572	125, 124	.....	.....	.....	10, 967	14, 530	36, 969

Source: Department of Agriculture, Forest Service; records.

No. 794.—NATIONAL FORESTS—NET CASH RECEIPTS: 1905 TO 1947

[In thousands of dollars]

VISCAL YEAR	Total receipts	From use of timber <sup>1</sup>	From use of forage	From special land use, water power, etc.	VISCAL YEAR	Total receipts	From use of timber <sup>1</sup>	From use of forage	From special land use, water power, etc.
1905.....	73	73	-----	(2)	1927.....	5,167	3,253	1,531	382
1906.....	758	237	513	7	1928.....	5,442	3,325	1,714	403
1907.....	1,530	654	857	19	1929.....	6,300	4,109	1,740	451
1908.....	1,788	811	947	30	1930.....	6,752	4,390	1,943	419
1909.....	1,766	702	1,023	42	1931.....	4,993	2,608	1,961	425
1910.....	2,041	1,011	970	60	1932.....	2,294	1,049	830	415
1911.....	1,969	952	928	89	1933.....	2,626	783	1,498	345
1912.....	2,109	1,028	961	120	1934.....	3,315	1,522	1,359	434
1913.....	2,392	1,271	999	122	1935.....	3,289	1,729	1,151	408
1914.....	2,438	1,311	1,002	124	1936.....	4,063	2,203	1,441	418
1915.....	2,481	1,183	1,130	168	1937.....	4,936	2,924	1,580	431
1916.....	2,824	1,422	1,210	192	1938.....	4,671	2,518	1,696	457
1917.....	3,457	1,640	1,550	267	1939.....	4,903	2,857	1,574	472
1918.....	3,575	1,630	1,726	219	1940.....	5,859	3,943	1,463	453
1919.....	4,858	1,535	2,609	214	1941.....	6,682	4,789	1,429	464
1920.....	4,793	2,045	2,486	263	1942.....	7,165	5,094	1,595	476
1921.....	4,152	1,770	2,132	250	1943.....	10,056	7,610	1,973	473
1922.....	3,422	1,813	1,316	292	1944.....	15,617	12,623	2,459	535
1923.....	5,336	2,722	2,341	272	1945.....	16,048	11,587	2,159	2,302
1924.....	5,252	3,036	1,916	300	1946.....	13,875	10,554	2,060	1,261
1925.....	5,000	2,940	1,725	334	1947.....	18,373	15,421	2,204	658
1926.....	5,156	3,367	1,422	367					

<sup>1</sup> Commercial and cost sales.    <sup>2</sup> Less than \$500.

Source: Department of Agriculture, Forest Service; annual report, Agricultural Statistics.

No. 795.—PAYMENTS TO STATES, ALASKA, AND PUERTO RICO FROM RECEIPTS OF NATIONAL FORESTS: 1945 TO 1948

[In thousands of dollars. For years ending June 30. Payments are 25 percent of net receipts of preceding fiscal year from sales of timber, grazing fees, and miscellaneous uses of national forests (exclusive of school-fund payments to Arizona and New Mexico, and payments for acquisition of land), under Act of May 23, 1908]

STATE OR OTHER AREA	1945	1946	1947	1948	STATE OR OTHER AREA	1945	1946	1947	1948
Total.....	3,895	4,003	3,424	4,547	Nevada.....	27	25	23	25
Alabama.....	35	34	29	34	New Hampshire.....	14	23	28	19
Arizona.....	153	143	157	196	New Mexico.....	92	77	76	108
Arkansas.....	203	201	145	160	North Carolina.....	87	67	47	53
California.....	375	364	414	474	North Dakota.....	(1)	(1)	(1)	(1)
Colorado.....	134	143	147	183	Ohio.....	3	7	7	2
Florida.....	45	57	46	52	Oklahoma.....	22	20	12	11
Georgia.....	31	27	34	56	Oregon.....	696	600	559	939
Idaho.....	228	221	210	304	Pennsylvania.....	22	21	24	26
Illinois.....	5	9	9	9	South Carolina.....	49	54	43	66
Indiana.....	1	1	1	1	South Dakota.....	35	41	47	72
Iowa.....	(1)	(1)	(1)	(1)	Tennessee.....	36	27	34	31
Kentucky.....	20	25	27	23	Texas.....	82	101	110	103
Louisiana.....	50	50	39	43	Utah.....	78	77	63	92
Maine.....	1	2	2	1	Vermont.....	14	18	15	26
Michigan.....	42	39	56	62	Virginia.....	21	23	30	35
Minnesota.....	47	52	60	78	Washington.....	849	639	398	738
Mississippi.....	61	505	230	103	West Virginia.....	17	21	23	28
Missouri.....	10	12	15	15	Wisconsin.....	28	24	28	33
Montana.....	143	138	135	196	Wyoming.....	78	77	74	101
Nebraska.....	7	6	5	6	Alaska.....	48	25	14	37
					Puerto Rico.....	2	6	6	4

<sup>1</sup> Less than \$500.

Source: Department of Agriculture, Forest Service; annual report, Agricultural Statistics.

# No. 796.—TIMBER CUT ON THE NATIONAL FORESTS—VOLUME AND VALUE: 1929 TO 1947

[Volume in thousands of board feet; value in thousands of dollars]

FISCAL YEAR	Total Forest products value	TIMBER CUT				Miscellaneous forest products value <sup>2</sup>
		Commercial and cost sales, land exchanges		Free use		
		Volume	Value	Volume	Value <sup>1</sup>	
1929	4,436	1,495,735	4,326	38,786	117	38
1930	4,939	1,632,383	4,799	175,994	117	38
1931	2,527	1,222,361	2,305	177,099	117	38
1932	1,767	611,731	1,519	279,344	117	38
1933	1,333	473,922	1,057	393,312	117	38
1934	1,945	674,542	1,069	265,363	117	38
1935	2,389	732,398	1,098	315,799	117	38
1936	2,892	1,021,156	2,399	393,138	117	38
1937	2,305	1,390,633	2,199	317,989	117	38
1938	2,539	1,267,917	2,309	391,373	117	38
1939	2,057	1,390,361	2,373	367,753	117	38
1940	2,108	1,740,271	2,907	335,386	117	38
1941	6,084	2,067,279	5,792	394,234	117	38
1942	6,429	2,304,749	6,109	219,336	117	38
1943	8,907	2,339,473	8,672	199,037	173	113
1944	14,518	2,332,167	14,155	190,654	213	139
1945	13,291	2,144,789	13,016	154,167	171	114
1946	11,811	2,739,708	11,490	139,362	170	113
1947	16,780	2,834,586	16,400	127,555	197	123

<sup>1</sup> Includes "Free use" not reducible to board feet.

<sup>2</sup> Includes materials not measurable in board feet, such as Christmas trees, tanbark, turpentine, seedlings, Spanish moss, etc.

<sup>3</sup> Calendar year data.

Source: Department of Agriculture, Forest Service; annual report, Agricultural Statistics, and records.

# No. 797.—FOREST TREES PLANTED ON FARM LANDS, WITH COSTS, BY STATES: 1946

STATE OR OTHER AREA	Forest trees planted on farm lands during calendar year 1946 (thousands)	EXPENDITURES, YEAR ENDING JUNE 30, 1946 (\$1,000)		STATE OR OTHER AREA	Forest trees planted on farm lands during calendar year 1946 (thousands)	EXPENDITURES, YEAR ENDING JUNE 30, 1946 (\$1,000)	
		Total	Federal contribution <sup>1</sup>			Total	Federal contribution <sup>1</sup>
Total	43,587.5	636.6	113.2	New Hampshire	198.1	8.7	2.3
Alabama	367.6	12.1	2.8	New Jersey	394.6	10.4	2.9
Arkansas	878.5	9.1	2.7	New York	4,040.0	64.7	2.4
Colorado	125.5	4.7	1.3	North Carolina	897.9	18.0	2.4
Delaware	17.5	5.0	1.2	North Dakota	633.7	11.6	2.4
Florida	1,125.0	12.4	2.8	Ohio	1,784.6	21.9	2.8
Georgia	7,309.0	19.5	2.0	Oklahoma	333.1	10.1	2.7
Idaho	135.2	6.1	2.7	Oregon	260.1	4.0	2.0
Illinois	859.6	10.6	2.9	Pennsylvania	2,453.7	32.0	2.5
Indiana	1,710.5	46.7	2.6	South Carolina	2,700.1	33.0	2.8
Iowa	243.7	11.8	3.1	South Dakota	360.1	9.8	2.7
Kansas	515.5	12.1	2.7	Tennessee	277.7	4.0	2.8
Kentucky	194.1	5.1	2.5	Texas	1,944.5	14.1	2.7
Louisiana	91.0	5.0	2.1	Utah	70.4	5.0	2.6
Maine	57.7	1.4	.4	Vermont	397.4	14.6	2.7
Maryland	279.9	7.6	2.7	Virginia	511.6	8.2	2.7
Massachusetts	441.5	13.8	1.9	Washington	85.7	12.1	2.7
Michigan	577.2	15.6	2.7	West Virginia	497.2	13.4	2.4
Mississippi	2,994.0	10.6	2.7	Wisconsin	4,029.5	48.9	2.7
Missouri	971.1	15.8	2.8	Wyoming	90.3	4.6	1.0
Montana	190.1	11.0	3.4	Hawaii	25.0	11.8	2.7
Nebraska	866.2	14.4	1.9	Puerto Rico	1,641.4	15.0	4.7

<sup>1</sup> Provided by Clarke-McNary law, Act of June 7, 1924 and Norris-Doxy law, Act of May 15, 1937.

Source: Department of Agriculture, Forest Service; annual report, Agricultural Statistics.

No. 798.—FOREST TREES PLANTED ON FARM LANDS, WITH COSTS: 1929 TO 1946

YEAR	Forest trees planted on farm lands during calendar year (1,000)	EXPENDITURES, YEAR ENDING JUNE 30 (\$1,000)		YEAR	Forest trees planted on farm lands during calendar year (1,000)	EXPENDITURES, YEAR ENDING JUNE 30 (\$1,000)	
		Total	Federal contribu- tion <sup>1</sup>			Total	Federal contribu- tion <sup>1</sup>
1929.....	25, 000	370	74	1938.....	55, 360	365	71
1930.....	26, 000	403	80	1939.....	64, 213	398	97
1931.....	25, 000	339	91	1940.....	87, 468	524	140
1932.....	23, 500	298	94	1941.....	97, 650	526	113
1933.....	21, 970	273	77	1942.....	74, 219	527	115
1934.....	20, 208	199	53	1943.....	39, 148	448	115
1935.....	26, 150	206	55	1944.....	37, 980	463	119
1936.....	35, 648	251	55	1945.....	37, 743	572	114
1937.....	41, 698	321	70	1946.....	43, 588	637	113

<sup>1</sup> Provided by Clarke-McNary law, Act of June 7, 1924, and the Norris-Doxey law, Act of May 18, 1937.

No. 799.—LIVESTOCK UNDER PAY PERMIT ON NATIONAL FORESTS AND RECEIPTS  
FROM GRAZING: 1929 TO 1946

[Livestock for calendar year; receipts for fiscal year ending June 30]

YEAR	Cattle and horses <sup>1</sup>	Hogs <sup>1</sup>	Sheep and goats <sup>1</sup>	Receipts from grazing	YEAR	Cattle and horses <sup>1</sup>	Hogs <sup>1</sup>	Sheep and goats <sup>1</sup>	Receipts from grazing
	Number	Num- ber	Number	\$1,000		Number	Num- ber	Number	\$1,000
1929.....	1, 370, 636	853	6, 666, 206	1, 740	1938.....	1, 250, 075	126	5, 307, 300	1, 696
1930.....	1, 357, 843	540	6, 714, 342	1, 943	1939.....	1, 208, 868	220	5, 131, 607	1, 574
1931.....	1, 375, 708	431	6, 608, 228	1, 961	1940.....	1, 176, 991	184	4, 949, 196	1, 463
1932.....	1, 396, 265	528	6, 320, 938	830	1941.....	1, 175, 749	108	4, 787, 369	1, 429
1933.....	1, 396, 335	533	6, 161, 966	1, 498	1942.....	1, 191, 218	.....	4, 758, 038	1, 595
1934.....	1, 418, 936	314	6, 161, 368	1, 359	1943.....	1, 211, 568	572	4, 538, 660	1, 973
1935.....	1, 344, 318	292	5, 691, 086	1, 151	1944.....	1, 225, 254	256	4, 280, 370	2, 459
1936.....	1, 310, 808	169	5, 645, 050	1, 441	1945.....	1, 206, 227	105	3, 888, 830	2, 159
1937.....	1, 283, 924	241	5, 484, 954	1, 580	1946.....	1, 203, 201	139	3, 712, 981	2, 000

<sup>1</sup> Excludes animals under 6 months of age.

No. 800.—LIVESTOCK UNDER PAY PERMIT ON NATIONAL FORESTS AND RECEIPTS  
FROM GRAZING, BY STATES AND FOR PUERTO RICO: 1946

[Livestock for calendar year; receipts for fiscal year ending June 30]

STATE OR OTHER AREA	Livestock under pay permit		Receipts from grazing <sup>1</sup>	STATE OR OTHER AREA	Livestock under pay permit		Receipts from grazing <sup>1</sup>
	Cattle and horses <sup>1</sup>	Sheep and goats <sup>1</sup>			Cattle and horses <sup>1</sup>	Sheep and goats <sup>1</sup>	
Total.....	Number 1, 203, 201	Number 3, 712, 981	\$1,000 2, 060	Nevada.....	Number 56, 757	Number 168, 766	\$1,000 90
Alabama.....	205	.....	( <sup>2</sup> )	New Hampshire.....	61	.....	( <sup>2</sup> )
Arizona.....	146, 302	107, 695	240	New Mexico.....	86, 876	129, 407	130
Arkansas.....	3, 247	.....	2	N. Carolina.....	84	.....	( <sup>2</sup> )
California.....	129, 233	167, 465	195	Ohio.....	144	.....	.....
Colorado.....	183, 022	729, 893	359	Oklahoma.....	.....	.....	( <sup>2</sup> )
Florida.....	1, 096	.....	1	Oregon.....	71, 246	226, 150	121
Idaho.....	111, 316	707, 039	250	S. Carolina.....	877	.....	( <sup>2</sup> )
Illinois.....	791	2, 000	( <sup>2</sup> )	S. Dakota.....	26, 615	19, 734	28
Indiana.....	50	.....	.....	Tennessee.....	130	.....	( <sup>2</sup> )
Iowa.....	.....	.....	( <sup>2</sup> )	Texas.....	1, 199	.....	1
Louisiana.....	2, 195	.....	( <sup>2</sup> )	Utah.....	114, 650	565, 396	213
Maine.....	5	.....	( <sup>2</sup> )	Vermont.....	104	.....	( <sup>2</sup> )
Michigan.....	2, 327	350	( <sup>2</sup> )	Virginia.....	288	98	( <sup>2</sup> )
Minnesota.....	583	32	.....	Washington.....	20, 227	59, 121	34
Mississippi.....	1, 490	.....	1	West Virginia.....	1, 475	2, 165	3
Missouri.....	4, 437	177	5	Wisconsin.....	325	32	( <sup>2</sup> )
Montana.....	115, 370	334, 300	198	Wyoming.....	107, 470	493, 161	167
Nebraska.....	13, 004	.....	21	Puerto Rico.....	.....	.....	( <sup>2</sup> )

<sup>1</sup> Excludes animals under six months of age.      <sup>2</sup> Includes grazing trespass.      <sup>3</sup> Less than \$500.

Source of tables 798, 799, and 800: Dept. of Agriculture, Forest Service; annual report, Agricultural Statistics.



## No. 801.—LUMBER—PRODUCTION, BY KIND OF WOOD, AND AVERAGE MILL VALUE

[Data not strictly comparable because of incomplete coverage of numerous small mills in the East prior to 1943 and exclusion of mills cutting less than 80 M ft. b. m. for all years prior to 1942 except 1899-1909 and 1919. Exclusion of under 80 M class of mills would affect totals less than 1 percent as reflected by 1943 survey. Data for 1943-45 include estimates for the East based on sample surveys. 1946 data are preliminary estimates derived by summation of Bureau of Census data for 25 States and Forest Service sample estimates for 22 States. See table 802. Small production quantities are subject to large sampling errors.]

[Quantities in millions of board feet; average mill value per 1,000 board feet]

YEAR	PRODUCTION			Average mill value	YEAR	PRODUCTION			Average mill value
	Total	Hard-wood	Soft-wood			Total	Hard-wood	Soft-wood	
1899	12,756			(1)	1933	13,961	2,052	11,909	\$18.55
1879	18,091			(1)	1934	15,494	2,758	12,735	21.47
1889	23,842			\$11.41	1935	19,539	3,291	16,248	20.43
1899	35,078	8,634	26,445	11.13	1936	24,355	4,113	20,242	22.20
1909	44,510	10,613	33,897	15.36	1937	25,997	4,408	21,589	24.26
1919	34,552	7,145	27,407	20.21	1938	21,646	3,353	18,293	21.45
1921	25,961	4,775	22,186	23.47	1939 <sup>2</sup>	24,975	3,733	21,242	21.97
1923	37,166	6,262	30,904	31.78	1940	28,934	4,021	24,913	23.32
1925	38,339	6,528	31,710	28.03	1941	33,476	5,499	27,977	28.09
1927	34,532	6,090	28,442	25.80	1942	36,332	6,522	29,810	31.89
1929	36,895	7,073	29,813	26.94	1943	34,289	7,371	26,917	26.86
1930	26,051	4,729	21,322	22.81	1944	32,938	7,778	25,160	(1)
1931	16,523	2,571	13,952	(1)	1945	28,122	6,952	21,170	(1)
1932	10,151	1,405	8,746	16.12	1946 <sup>4</sup>	36,426	9,857	26,570	(1)

KIND OF WOOD	PRODUCTION									
	1899	1909	1919	1929	1939 <sup>2</sup>	1941	1942	1943	1944	1945
<b>Softwood, total</b>	25,145	33,897	27,407	29,813	21,242	27,977	29,510	25,917	25,160	21,160
Balsam fir		109	68	38	20	11	9	7	(1)	(1)
Cedar	233	345	332	309	264	332	302	268	(1)	303
Cypress	496	956	656	532	422	350	319	254	191	228
Douglas fir	1,737	4,855	5,902	8,689	6,494	8,529	8,550	7,951	7,954	6,237
Hemlock	3,421	3,051	1,755	2,099	665	1,000	1,089	1,213	(1)	1,039
Larch	51	421	388	245	111	149	201	229	(1)	(1)
Lodgepole pine		24	16	31	55	72	66	68	72	55
Ponderosa pine	945	1,500	1,755	3,258	3,380	4,250	4,030	3,572	3,768	3,055
Redwood	360	522	410	486	345	455	462	451	462	444
Spruce	1,442	1,749	980	564	345	532	630	557	(1)	258
Sugar pine	54	97	134	349	309	370	338	278	318	238
White fir		89	223	307	98	209	274	403	492	499
White pine	7,742	3,900	1,724	1,248	1,004	1,407	1,478	1,396	(1)	1,269
Yellow pine	9,659	16,277	13,063	11,630	7,749	10,312	11,762	9,952	8,132	7,210
Other softwood	9								(1)	208
<b>Hardwood, total</b>	8,634	10,613	7,145	7,073	3,733	5,499	6,522	7,371	7,778	6,952
Alder		(1)	(1)	24	21	27	15	11	13	14
Ash	269	291	155	152	90	102	117	95	(1)	84
Basswood	308	399	184	139	96	120	133	130	(1)	100
Beech		511	359	187	120	228	317	319	(1)	352
Birch	133	452	375	374	141	214	215	168	(1)	152
Chestnut	207	664	545	268	74	93	74	85	(1)	(1)
Cottonwood	415	265	144	165	130	226	283	244	(1)	209
Elm	457	347	194	176	74	130	167	158	(1)	159
Hickory	97	334	170	57	38	79	119	164	(1)	159
Magnolia		(1)	2	42	20	19	23	(1)	(1)	(1)
Maple	633	1,107	857	824	445	615	642	581	(1)	522
Oak	4,438	4,414	2,708	2,574	1,432	2,163	2,763	3,038	3,292	2,869
Red gum	285	707	851	1,104	383	587	840	1,044	1,017	971
Sycamore	30	57	28	58	27	49	78	68	(1)	(1)
Tupelo		97	144	307	271	272	304	395	372	439
Walnut	39	45	39	72	27	44	56	52	(1)	(1)
Yellow poplar	1,115	859	329	436	276	427	543	589	641	578
Other hardwood	209	62	59	120	68	104	123	208	(1)	285

<sup>2</sup> Data not available. <sup>3</sup> Includes 295,000,000 board feet of lumber not reported by kind of wood.

<sup>4</sup> Excludes 165,305,000 board feet of softwood lumber and 7,605,000 board feet of hardwood lumber sawed by New England mills from timber salvaged from the hurricane of 1938.

<sup>5</sup> Preliminary; data by kind of wood as shown below incomplete for 1946.

<sup>6</sup> Totals include species not shown separately.

<sup>7</sup> Less than 500,000 board feet were reported. <sup>8</sup> Included in "Other hardwood." <sup>9</sup> Includes magnolia.

Source: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service, and Tennessee Valley Authority); reports of Biennial Census of Manufactures and annual report, Lumber, Lath, and Shingle Production, Facts for Industry Series M13G.

## No. 802.—LUMBER—PRODUCTION, BY REGIONS AND STATES: 1889 TO 1946

[See headnote, table 801 for explanation of lack of comparableness of statistics. Data for Pacific and Rocky Mountain States may be considered complete for entire series. Data for all States may be considered comparable for 1944 and subsequent years]

(In millions of board feet)

REGION AND STATE	1889	1909	1909	1911	1920	1929 <sup>1</sup>	1944	1945	1946
<b>United States</b> .....	23,642	35,078	44,510	34,553	36,896	24,975	22,936	23,122	* 26,436
<b>Northeastern States</b> .....	4,726	5,789	5,197	2,584	1,232	868	2,073	1,833	* 2,656
Maine.....	597	785	1,112	596	258	213	403	374	* 592
New Hampshire.....	277	572	650	339	193	187	356	290	* 383
Vermont.....	384	376	352	218	120	106	168	195	* 261
Massachusetts.....	212	344	361	167	72	67	109	88	* 111
Connecticut.....	49	108	168	87	30	17	27	17	* 30
Rhode Island.....	8	19	25	11	7	5	4	2	* 6
New York.....	925	873	681	358	160	106	318	283	* 466
New Jersey.....	84	74	62	37	16	14	26	31	* 36
Pennsylvania.....	2,133	2,323	1,463	630	314	186	499	464	* 683
Maryland.....	82	184	268	113	56	51	130	116	* 167
Delaware.....	23	36	55	27	10	11	24	22	* 34
<b>Central States</b> .....	3,136	5,643	5,487	3,016	2,247	1,231	2,802	2,236	* 2,721
Ohio.....	565	990	543	280	176	111	263	257	* 411
Indiana.....	755	1,037	566	282	170	111	176	147	* 264
Illinois.....	222	388	170	65	38	27	102	66	* 167
Missouri.....	402	724	660	321	228	74	335	241	* 625
West Virginia.....	302	778	1,473	763	633	334	632	476	* 691
Kentucky.....	423	775	861	512	339	207	508	421	* 580
Tennessee.....	460	951	1,224	792	764	376	768	627	* 698
<b>Southern States</b> .....	3,718	3,404	14,796	12,704	12,484	7,549	5,267	7,940	16,634
Georgia.....	575	1,312	1,342	894	1,356	907	1,408	1,510	1,983
Florida.....	412	790	1,202	1,137	1,137	■	445	485	598
Alabama.....	589	1,101	1,691	1,790	2,059	1,412	1,730	1,585	2,158
Mississippi.....	454	1,208	2,673	2,390	2,669	1,201	1,332	1,313	1,559
Arkansas.....	538	1,624	2,111	1,772	1,348	1,110	* 1,262	* 1,090	1,945
Louisiana.....	304	1,115	3,852	3,164	2,232	1,086	940	1,074	1,066
Texas.....	843	1,232	2,090	1,350	1,452	1,137	1,090	932	1,343
Oklahoma.....	3	22	226	168	200	143	( <sup>2</sup> )	( <sup>2</sup> )	88
<b>North Carolina Pine States</b> .....	1,129	2,712	5,177	3,374	2,979	2,367	2,560	2,936	3,832
Virginia.....	418	959	2,102	1,096	708	679	1,217	995	1,217
North Carolina.....	515	1,287	2,178	1,654	1,202	1,042	1,441	1,215	1,614
South Carolina.....	199	466	898	622	1,068	646	903	727	1,001
<b>Lake States</b> .....	3,251	3,756	5,476	2,632	1,771	781	1,228	923	* 1,364
Michigan.....	4,300	3,618	1,800	876	571	333	553	421	* 595
Minnesota.....	1,084	2,342	1,652	700	357	111	242	186	* 260
Wisconsin.....	2,566	3,389	2,625	1,116	643	337	433	316	* 409
<b>Pacific States</b> .....	2,928	2,301	6,905	8,798	14,149	16,689	12,141	10,622	12,432
Washington.....	1,064	1,429	3,863	4,961	7,302	4,244	4,350	3,256	3,422
Oregon.....	446	735	1,899	2,577	4,784	4,765	6,222	5,004	6,328
California and Nevada.....	* 518	736	* 1,144	* 1,259	2,063	1,685	2,469	2,261	2,681
<b>Rocky Mountain States</b> .....	249	■	1,292	1,299	1,843	1,836	1,811	1,569	1,916
Montana.....	90	256	309	287	389	271	448	342	414
Idaho.....	28	65	646	765	1,029	675	911	790	864
Arizona.....	5	36	63	74	175	119	172	166	241
New Mexico.....	26	31	92	87	148	106	105	99	144
Colorado.....	80	134	142	65	72	84	87	88	139
Utah.....	14	18	13	12	5	16	29	29	50
Wyoming.....	6	17	29	9	26	65	69	54	64
<b>All other</b> .....	612	461	* 179	* 85	61	■	116	122	164
<b>PERCENTAGE DISTRIBUTION</b>									
<b>United States</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Northeastern States.....	19.8	16.3	11.7	7.5	3.3	3.9	6.3	6.7	8.4
Central States.....	13.1	16.1	12.3	8.7	6.4	4.9	8.5	7.9	10.2
Southern States.....	15.6	24.0	33.2	36.8	33.8	30.2	24.9	■	27.5
North Carolina Pine States.....	4.7	7.7	11.6	9.8	8.1	9.5	10.8	10.4	10.5
Lake States.....	34.6	24.9	12.3	7.6	4.8	3.1	3.7	3.3	3.8
Pacific States.....	8.5	8.3	15.5	25.5	38.4	42.8	39.9	37.4	34.1
Rocky Mountain States.....	1.0	1.6	2.9	3.8	5.0	5.3	5.5	5.5	5.3
All other.....	2.6	1.1	.4	.2	.2	.2	.4	.5	.6

<sup>1</sup> Excludes 165,365,000 board feet of softwood lumber and 7,605,000 board feet of hardwood lumber sawed by New England mills from timber salvaged from the hurricane of 1938.

<sup>2</sup> Preliminary. <sup>3</sup> Sample estimates of Forest Service. Subject to revision by Census Bureau.

<sup>4</sup> Arkansas and Oklahoma combined.

<sup>5</sup> California only; for 1909 and 1919 Nevada included with "All other."

<sup>6</sup> Includes Nevada.

Source: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service, and Tennessee Valley Authority); reports of Biennial Census of Manufactures and annual report, Lumber, Lath, and Shingle Production, Facts for Industry Series M12G.

**No. 803.—LUMBER—AVERAGE MILL VALUE PER 1,000 BOARD FEET:  
1899 TO 1943**

[See headnote, table 801]

KIND OF WOOD	1899	1900	1919	1929	1937	1938	1939	1940	1941	1942	1943
<b>All kinds <sup>1</sup></b>	\$11.12	\$15.35	\$20.21	\$26.24	\$34.25	\$21.45	\$21.97	\$22.22	\$22.09	\$21.59	\$26.96
<b>Softwoods</b>	(?)	14.08	22.29	24.31	22.97	26.42	26.97	22.48	27.26	26.73	34.57
Balsam fir	(?)	13.99	21.21	25.49	21.82	20.72	19.43	20.92	24.03	28.93	37.09
Cedar	10.91	19.05	21.21	34.83	37.00	38.41	40.68	39.55	41.00	49.77	51.99
Cypress	12.22	20.46	38.26	35.29	36.79	35.14	35.50	36.07	39.91	45.39	51.75
Douglas fir	8.67	12.44	24.62	20.05	19.67	17.29	17.91	19.49	25.45	30.51	33.04
Hemlock	9.98	13.95	29.16	18.90	20.68	18.99	19.39	22.19	27.33	31.21	34.79
Larch	8.73	12.68	23.39	18.35	17.21	16.03	16.80	18.03	19.47	23.89	28.41
Lodgepole pine	(?)	15.25	29.98	17.97	16.34	16.85	17.76	19.01	19.71	23.41	29.77
Ponderosa pine	9.70	15.39	27.75	26.47	24.53	22.22	22.75	21.21	26.65	32.52	36.79
Redwood	10.12	14.80	30.04	31.00	36.30	31.71	34.56	40.35	48.21	50.47	46.80
Spruce	11.27	16.91	30.78	28.64	25.73	23.72	26.68	26.84	31.71	37.70	44.76
Sugar pine	12.30	18.14	35.99	43.08	34.71	30.16	30.10	30.26	31.71	41.96	46.26
White fir	(?)	13.10	25.66	27.21	18.96	18.21	17.24	18.05	21.21	27.64	34.37
White pine	12.69	18.16	32.63	29.87	29.20	26.77	26.90	27.87	30.32	33.17	39.08
Yellow pine	8.46	12.69	28.71	25.66	22.18	19.01	19.70	21.35	25.50	27.80	34.79
<b>Hardwoods <sup>1</sup></b>	(?)	15.52	37.22	38.04	31.21	27.68	27.66	28.47	32.24	24.87	41.57
Alder	(?)	16.03	34.67	27.19	23.07	25.41	24.63	27.11	28.10	32.57	38.27
Asb	15.84	24.44	52.69	43.14	37.11	34.30	34.33	35.18	42.10	44.03	47.52
Basswood	12.84	19.50	40.03	39.88	35.65	31.94	31.94	32.98	37.88	42.63	48.33
Beech	(?)	13.25	29.98	28.39	25.08	22.03	22.03	24.24	26.40	30.11	36.16
Birch	12.50	16.95	35.79	39.35	36.11	33.11	33.11	31.78	41.78	47.68	55.47
Chestnut	13.37	16.12	32.30	29.51	24.37	19.21	21.94	20.89	24.63	30.43	32.94
Cottonwood	10.37	18.05	22.24	29.70	25.24	22.05	21.41	22.40	26.87	28.77	34.24
Elm	11.47	17.52	31.21	35.28	25.48	23.84	24.54	26.11	29.64	33.14	37.06
Hickory	18.78	30.80	44.87	40.83	32.11	28.17	26.76	26.21	31.71	35.31	37.79
Magnolia	(?)	15.00	28.01	38.11	29.02	29.67	27.26	29.20	39.49	39.46	(?)
Maple	11.83	15.77	35.56	36.98	24.14	32.34	32.51	34.54	41.56	43.56	48.21
Oak	13.78	20.50	37.87	38.43	29.60	25.41	26.32	26.20	29.74	32.96	40.56
Red gum	9.63	13.20	32.68	34.42	26.63	22.41	23.28	25.67	31.15	30.88	35.95
Sycamore	11.04	14.87	30.32	30.07	23.75	21.41	22.26	22.93	26.82	26.81	32.25
Tupelo	(?)	11.87	28.42	28.39	23.31	20.24	22.09	24.01	26.86	30.66	38.29
Walnut	26.49	43.79	72.13	119.15	85.10	71.25	63.18	71.43	77.21	81.13	132.98
Yellow poplar	14.03	25.39	41.65	41.65	31.60	25.75	26.98	26.04	31.71	32.31	41.99

<sup>1</sup> Includes some hardwoods not shown separately.

<sup>2</sup> Data are not available.

Source: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service, and Tennessee Valley Authority); reports of Biennial Census of Manufactures and annual report, Lumber, Lath, and Shingle Production, Facts for Industry Series M 13G.

**No. 804.—LUMBER AND SHINGLES—PRODUCTION, FOR ALASKA: 1899 TO 1946**

YEAR	Number of mills reporting	LUMBER SAWED (M FEET, S. M.)					Shingle (squares) <sup>1</sup>
		Total	Spruce	Hemlock	Cedar	All other	
1899	10	6,571	6,056	15	(?)	<sup>2</sup> 500	—
1904	6	7,974	7,933	—	(?)	<sup>2</sup> 41	1,168
1919	22	21,673	21,182	491	—	—	—
1923	30	36,078	33,504	2,266	(?)	<sup>2</sup> 306	2,849
1925	28	40,857	35,718	2,938	(?)	<sup>2</sup> 2,201	2,295
1927	21	41,325	34,571	6,291	(?)	<sup>2</sup> 533	4,535
1929	19	30,393	21,850	8,205	(?)	<sup>2</sup> 338	2,943
1931	16	16,535	12,091	4,189	(?)	<sup>2</sup> 255	1,063
1933	20	12,901	10,292	1,523	1,086	—	1,380
1935	20	23,489	14,769	8,060	658	3	2,182
1937	20	25,276	15,794	8,477	994	11	2,181
1939	24	25,885	18,162	6,071	1,595	57	2,471
1941	27	36,547	28,064	7,515	933	35	3,718
1943	29	62,603	48,633	13,355	603	12	1,117
1944	29	67,414	55,237	11,314	842	21	1,250
1945	35	59,056	51,623	5,266	1,175	—	565
1946	42	57,506	47,467	8,710	1,295	13	2,422

<sup>1</sup> Reported in thousands for 1932 and prior years and converted on basis of 800 shingles to the square.

<sup>2</sup> Included in "All other."

<sup>3</sup> Includes figures for cedar lumber.

Source: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service, and Tenn. Valley Authority); reports of Biennial Census of Manufactures and annual report, Lumber, Lath, and Shingle Production, Facts for Industry Series M 13G.

No. 805.—LATH AND SHINGLES—PRODUCTION: 1899 TO 1945

[Lath in thousands and shingles in squares. Shingles reported in thousands prior to 1933 and converted to squares on basis of 800 shingles to square. See headnote, table 801 for explanation of lack of comparability of statistics. Data for shingles reasonably comparable over a period of years, because of complete enumeration of Red Cedar Shingle Industry, this industry's production comprising over 90 percent of total shingle production]

YEAR (CALENDAR)	Lath	Shingles	YEAR (CALENDAR)	Lath	Shingles
1899.....	2,523,998	15,127,521	1935.....	620,038	4,416,709
1909.....	3,703,195	18,634,214	1936.....	810,909	5,901,692
1919.....	1,724,078	11,490,880	1937.....	839,085	1 5,649,792
1926.....	3,083,130	7,510,432	1938.....	583,777	1 6,819,236
1927.....	2,372,333	8,054,835	1939.....	562,207	1 6,500,242
1928.....	1,903,887	7,004,612	1940.....	523,428	1 6,126,230
1929.....	1,706,858	7,638,340	1941.....	521,406	1 5,957,040
1930.....	1,097,255	4,955,138	1942.....	306,959	1 5,266,673
1931.....	614,250	3,392,465	1943.....	189,512	1 3,736,961
1932.....	406,089	2,639,125	1944 <sup>1</sup> .....	132,859	1 3,587,602
1933.....	408,192	3,662,250	1945.....	113,268	1 3,156,613
1934.....	416,308	3,477,063			

<sup>1</sup> Includes data for shakes.  
<sup>2</sup> Data incomplete since mills idle during war were not canvassed for 1944 production.

No. 806.—LATH AND SHINGLES—PRODUCTION BY STATES: 1942 TO 1945

[Lath in thousands and shingles in squares. See headnote, table 805]

STATE	LATH				SHINGLES <sup>1</sup>			
	1942	1943	1944	1945	1942	1943	1944	1945
Alabama.....	6,075	1,663	.....	( <sup>2</sup> )	5,233	1,198	( <sup>2</sup> )	( <sup>2</sup> )
Arkansas.....	7,393	2,548	( <sup>2</sup> )	( <sup>2</sup> )	2,085	726	( <sup>2</sup> )	( <sup>2</sup> )
California.....	12,908	10,185	( <sup>2</sup> )	5,651	55,235	45,090	63,371	89,328
Florida.....	26,302	5,943	( <sup>2</sup> )	( <sup>2</sup> )	14,331	6,215	( <sup>2</sup> )	( <sup>2</sup> )
Georgia.....	.....	.....	( <sup>2</sup> )	.....	14,862	2,763	( <sup>2</sup> )	( <sup>2</sup> )
Idaho.....	31,157	19,741	19,620	17,192	19,104	15,975	21,721	24,522
Louisiana.....	16,521	10,853	6,436	( <sup>2</sup> )	4,393	3,228	( <sup>2</sup> )	.....
Maine.....	7,923	2,671	( <sup>2</sup> )	16,629	30,187	42,745	24,898	33,079
Michigan.....	5,166	2,759	( <sup>2</sup> )	( <sup>2</sup> )	17,923	12,928	( <sup>2</sup> )	( <sup>2</sup> )
Minnesota.....	4,937	1,818	( <sup>2</sup> )	5,543	2,630	714	( <sup>2</sup> )	( <sup>2</sup> )
Mississippi.....	7,131	4,715	( <sup>2</sup> )	( <sup>2</sup> )	348	115	.....	.....
Montana.....	11,691	8,024	7,300	( <sup>2</sup> )	9,491	3,081	( <sup>2</sup> )	( <sup>2</sup> )
North Carolina.....	724	714	( <sup>2</sup> )	( <sup>2</sup> )	26,361	15,467	24,548	17,444
Oregon.....	57,281	43,439	39,918	25,394	795,198	656,329	636,425	696,337
South Carolina.....	996	264	.....	( <sup>2</sup> )	13,234	6,379	( <sup>2</sup> )	( <sup>2</sup> )
Texas.....	9,891	10,181	.....	( <sup>2</sup> )	8,486	5,065	( <sup>2</sup> )	.....
Virginia.....	5,554	3,905	( <sup>2</sup> )	( <sup>2</sup> )	10,410	136	( <sup>2</sup> )	( <sup>2</sup> )
Washington.....	62,774	44,951	24,866	20,284	4,201,464	2,903,178	2,788,340	2,288,219
West Virginia.....	2,969	444	.....	( <sup>2</sup> )	.....	188	.....	.....
Wisconsin.....	12,715	9,864	<sup>2</sup> 9,302	( <sup>2</sup> )	24,135	9,504	( <sup>2</sup> )	( <sup>2</sup> )
All other.....	16,851	4,830	<sup>2</sup> 25,416	22,575	11,563	5,937	<sup>2</sup> 28,299	17,684

<sup>1</sup> Includes data for shakes.  
<sup>2</sup> Included in "All other."  
<sup>3</sup> Data incomplete since mills idle during war were not canvassed for 1944 production.

Source of tables 805 and 806: Department of Commerce, Bureau of Census (in cooperation with Department of Agriculture, Forest Service, and Tennessee Valley Authority); reports of Biennial Census of Manufactures and annual report, Lumber, Lath, and Shingle Production, Facts for Industry Series M13G.

# No. 807.—VENEER AND PLYWOOD—LOG CONSUMPTION AND PRODUCTION: 1943 TO 1947

[No later data for hardwood veneer and plywood; survey suspended]

LOG CONSUMPTION (M FT., LOG SCALE)			VENEER AND PLYWOOD PRODUCTION		
Kind of wood	1943	1944	Type of veneer and plywood	1943	1944
Hardwood, total.....	834,860	885,960	Hardwood veneer (M sq. ft., surface measure).....	9,870,697	9,270,351
Mahogany.....	26,282	23,004	Aircraft and boat.....	1,627,145	629,708
Sweet gum.....	261,534	240,982	Commercial.....	3,006,269	3,315,009
Black gum <sup>1</sup> .....	176,757	167,044	Container.....	5,177,183	5,325,674
Birch.....	76,350	63,692	Hardwood plywood (M sq. ft., surface measure).....	1,311,814	1,166,248
Maple.....	60,418	58,183	Aircraft and boat.....	141,868	50,472
Yellow poplar.....	66,769	53,623	Commercial.....	563,930	625,602
Beech and elm.....	32,160	33,607	Container.....	506,016	490,169
Cottonwood and sycamore	49,727	55,462	Softwood plywood (M sq. ft., 3/4" equivalent) <sup>2</sup> .....	1,495,168	1,484,889
All other woods <sup>3</sup> .....	185,893	190,483			
Softwood <sup>2</sup> .....	654,478	646,940			
	1946	1947		1946	1947
Softwood <sup>2</sup> .....	641,738	750,633	Softwood plywood (M sq. ft., 3/4" equivalent) <sup>2</sup> .....	1,436,065	1,700,446

<sup>1</sup> Includes tupelo and magnolia.<sup>2</sup> Includes a small quantity of softwoods reported by hardwood veneer and plywood producers.<sup>3</sup> Principally Douglas fir.

Source: Department of Commerce, Bureau of the Census; Facts for Industry Series 16-3 and M13B.

## No. 808.—COOPERAGE STOCK—PRODUCTION, BY KIND: 1909 TO 1939

[Production of wooden hoops in 1923 was 153,954,000; in 1925, 149,167,000; in 1927, 134,596,000; in 1929, 133,064,000; in 1931, 94,311,000; in 1933, 61,161,000; in 1935, 51,818,000; in 1937, 68,152,000; and in 1939, 32,209,000, nearly all elm]

YEAR AND KIND OF WOOD	STAVES (THOU-SANDS)		HEADING (THOU-SAND SETS)		CLASS	1929	1935	1937	1939
	Tight	Slack	Tight	Slack					
1909.....	379,231	2,029,548	20,691	140,234	Tight staves (thousands).....	357,353	221,619	206,296	182,431
1919.....	363,825	1,121,324	24,274	87,281	Whisky, spirit, and wine.....	16,292	60,887	65,629	48,724
1927.....	324,127	961,782	26,445	69,337	Oil, tierce, and pork.....	185,801	83,503	76,915	60,274
1929.....	357,353	1,039,450	30,329	72,691	Beer and ale.....	( <sup>1</sup> )	3,467	2,615	1,956
1931.....	204,624	537,177	20,090	43,375	Other and not specified.....	155,280	73,762	60,127	71,477
1933.....	154,576	426,585	13,031	37,461	Tight heading (thousand sets).....	39,339	15,359	13,377	14,277
1935.....	221,619	430,970	15,269	35,992	Whisky, spirit, and wine.....	1,381	4,371	2,910	1,991
1937.....	205,286	574,768	13,377	54,318	Oil, tierce, and pork.....	21,195	4,665	4,241	4,530
1939.....	182,431	526,318	14,277	46,466	Beer and ale.....	( <sup>1</sup> )	145	418	124
					Other and not specified.....	7,753	5,878	5,808	7,643
1949.....									
Douglas fir.....	19,573	26,018	1,445	1,639					
Elm.....	( <sup>1</sup> )	35,977	( <sup>1</sup> )	7					
Oak.....	90,451	( <sup>1</sup> )	5,337	( <sup>1</sup> )					
Pine.....	46,637	199,337	3,412	34,776					
Red gum.....	13,017	169,226	1,529	1,828					
Spruce.....	2,977	38,140	1,941	5,275					
Other.....	9,776	57,618	1,213	2,940					

<sup>1</sup> Not called for on schedule.

Source: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service); reports of Biennial Census of Manufactures.

## No. 809.—PULPWOOD—CONSUMPTION BY MILLS AND MILL COST

[Data cover domestic and imported wood. Cost is f o. b pulp mill]

YEAR	Quantity, all kinds (cords)	COST		YEAR	Quantity, all kinds (cords)	COST		YEAR	Quantity, all kinds (cords)	COST	
		Total (1,000 dollars)	Average per cord			Total (1,000 dollars)	Average per cord			Total (1,000 dollars)	Average per cord
1909...	1,985,819	9,838	\$4.95	1927	8,780,936	95,452	\$14.14	1939...	10,816,466	84,539	\$7.83
1909...	4,001,607	34,478	8.62	1929...	7,645,011	100,064	13.09	1940	13,742,958	109,740	7.99
1919...	5,477,832	87,386	15.95	1931	6,722,766	73,524	10.94	1944	16,757,400	(1)	(1)
1921...	4,367,179	91,589	20.10	1933	6,581,674	48,508	7.37	1945	16,911,861	(1)	(1)
1923...	5,872,870	95,306	16.23	1935	7,628,274	58,244	7.64	1946	17,817,560	(1)	(1)
1925...	6,093,821	94,340	15.48	1937...	10,393,800	82,885	7.97	1947...	19,715,677	(1)	(1)

KIND OF WOOD	TOTAL CONSUMPTION (CORDS)						
	1919	1929	1935	1937	1939	1939 <sup>1</sup>	1946
Total .....	5,477,832	7,645,011	7,628,274	10,393,800	9,192,991	10,816,466	13,742,958
Spruce:							
Domestic.....	2,713,419	2,074,267	1,755,112	2,010,720	1,447,457	1,567,643	2,043,519
Imported.....	873,795	1,029,913	625,462	826,528	832,295	906,806	963,106
Hemlock.....							
Domestic.....	795,154	1,209,170	1,521,271	2,264,565	1,677,191	2,218,078	2,636,118
Imported.....		15,379		37,447	37,243		152,653
Yellow pine (southern).....	234,463	1,036,272	1,785,238	2,658,249	3,261,404	3,534,644	5,013,478
Poplar.....							
Domestic.....	180,160	329,466	333,773	441,401	324,868	354,125	489,800
Imported.....	158,230	157,829	54,283	90,365	95,758	123,148	106,809
Balsam fir:							
Domestic.....	181,840	317,552	298,812	320,715	321,964	283,506	398,577
Imported.....	108,974	45,412	54,313	71,447	85,392	74,705	83,009
Jack pine <sup>2</sup> .....	51,581	205,760	224,538	300,786	258,570	359,755	477,075
Beech, birch, and maple <sup>3</sup> .....	184,111	78,950	152,054	257,410	108,796	241,039	298,895
Tamarack (larch) <sup>4</sup> .....	44,042	51,835	9,587	8,945	9,937	8,450	11,324
Yellow poplar <sup>4</sup> .....	72,605	129,607	(1)	47,882	(1)	(1)	(1)
Gum <sup>4</sup> .....	30,355	39,685	29,290	25,967	47,967	47,370	(1)
White fir <sup>4</sup> .....	31,138	111,054	174,075	136,384	98,878	169,428	213,445
Other wood.....	44,894	153,485	317,675	329,898	315,101	318,155	584,500
Slabs and mill waste.....	175,081	561,285	292,792	565,391	231,160	319,014	274,935

<sup>1</sup> Data not available. <sup>2</sup> Preliminary. <sup>3</sup> Domestic and imported. <sup>4</sup> Domestic only.<sup>5</sup> Included with "Other wood." <sup>6</sup> Red gum only.

Source: Department of Commerce, Bureau of the Census; reports of the Biennial Census of Manufactures; alternating with Biennial Census reports, a series of reports for even-numbered years through 1940. See sources, table 810 concerning later data.

## No. 810.—PULPWOOD—CONSUMPTION, BY KIND OF WOOD: 1943 TO 1947

[Cords of 128 cu. ft. (rough wood basis). Data cover domestic and imported wood. Comparable data for detail shown in table 809 not available]

KIND OF WOOD	1943	1944	1945	1946	1947 <sup>1</sup>
Total.....	15,644,509	16,757,499	14,911,861	17,817,560	19,715,677
Softwoods, total.....	13,477,874	13,931,875	14,519,879	15,354,176	17,623,423
Spruce and fir.....	3,693,239	3,290,466			
Hemlock.....	2,081,009	2,194,522			
Pine.....	7,343,615	7,994,550	(1)	(1)	(1)
Western fir.....	243,991	260,643			
Western spruce.....	174,720	138,483			
Hardwoods, total.....	1,287,983	1,550,117	2,391,991	2,463,384	2,092,254
Aspen.....	667,486	661,710			
Yellow poplar.....	149,724	294,582			
Gum.....	66,617	160,166	(1)	(1)	(1)
Chestnut.....	384,159	434,982			
Birch.....		8,377			
Other woods <sup>2</sup> .....	641,838	988,873			
Saw mill waste.....	287,605	287,325			

<sup>1</sup> Data by kind not available.<sup>2</sup> Includes hardwoods and softwoods not classified by kind.<sup>3</sup> Preliminary.

Source: Data for 1943, 1944 and the first 8 months of 1945 collected and compiled by War Production Board. Thereafter, compiled by Dept. of Commerce, Bureau of the Census. 1946-47 data published in Facts for Industry Series M14A.



**No. 811.—WOOD PULP AND PAPER AND PAPERBOARD—PRODUCTION: 1899 TO 1947**  
 [Tons of 2,000 pounds]

YEAR	Wood pulp <sup>1</sup> (old basis)	Paper and paperboard (old basis)	YEAR	Wood pulp <sup>1</sup> (old basis)	Paper and paperboard (old basis)	Wood pulp (new basis) <sup>2</sup>	Paper and paperboard (new basis) <sup>3</sup>
1899.....	1,179,526	2,167,833	1936.....	5,696,219	11,975,552		
1900.....	2,495,523	4,218,709	1937.....	6,572,918	12,837,003		
1914.....	2,893,150	5,270,047	1938.....	5,933,560	11,380,814		
1919.....	3,517,952	6,098,530	1939.....	6,983,334	13,509,642		
1921.....	2,875,601	5,431,265	1940.....	8,851,740	14,483,709	8,959,559	
1923.....	3,788,672	8,029,482	1941.....	10,046,193	17,093,092	10,375,422	17,933,007
1925.....	3,962,217	9,182,204	1942.....	10,364,176	16,477,603	10,783,430	17,063,862
1927.....	4,313,403	10,002,070	1943.....	9,175,013	16,501,607	9,680,462	17,035,688
1929.....	4,862,855	11,140,235	1944.....	9,550,180	16,896,831	10,108,443	17,182,804
1931.....	4,409,334	9,381,840	1945.....			10,167,200	17,370,965
1933.....	4,276,204	9,180,017	1946.....			10,606,527	19,277,657
1935.....	4,925,009	10,479,095	1947 <sup>4</sup> .....			11,051,548	21,028,898

<sup>1</sup> Beginning 1914 includes screenings.

<sup>2</sup> Includes data for existing mills not classified as producers of pulp before 1940. In that year data for 6 mills not previously classified as producers of wood pulp were included for first time. For same reason, an additional mill was included in 1941, and 2 more added in 1943.

<sup>3</sup> Includes data for 25 existing mills not previously classified as producers of paper and paperboard.

<sup>4</sup> Includes estimated production of insulating board for 1 mill. Estimates were made on assumption that production of this mill was proportionately the same in 1941 and 1942 as in 1943.

<sup>5</sup> Preliminary; see table 812 for latest State figures available.

Sources: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures; Census of Forest Products, 1940; and annual report, Census of Pulp Mills and of Paper and Paperboard Mills, Facts for Industry Series M14A.

**No. 812.—WOOD PULP—PRODUCTION, BY STATES AND BY PROCESS: 1909 TO 1946**  
 [Tons of 2,000 pounds]

STATE AND PROCESS	1909	1919	1929	1939	1943 <sup>1</sup>	1944 <sup>1</sup>	1945 <sup>1</sup>	1946 <sup>1</sup>
<b>Total.....</b>	<b>2,495,523</b>	<b>2,517,952</b>	<b>4,862,855</b>	<b>6,993,334</b>	<b>9,686,462</b>	<b>10,108,443</b>	<b>10,167,200</b>	<b>10,606,527</b>
Alabama.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	<sup>3</sup> 393,776	<sup>3</sup> 430,063	<sup>3</sup> 455,817	<sup>3</sup> 455,817
Florida.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	449,162	525,090	655,148	680,364	694,594
Louisiana.....	( <sup>2</sup> )	( <sup>2</sup> )	246,890	589,672	666,953	929,313	—	980,306
Maine.....	620,708	916,764	981,433	941,273	1,103,770	1,043,209	1,007,980	1,185,232
Michigan.....	64,889	106,194	178,016	200,326	196,048	206,764	201,811	219,873
Minnesota.....	37,296	129,660	189,664	160,665	339,967	238,801	237,232	218,605
Mississippi.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	437,951	453,114	477,199	463,456
New Jersey.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	31,701	46,188	52,804	62,700
New Hampshire.....	212,669	232,134	212,774	( <sup>2</sup> )	191,551	179,129	182,964	177,434
New York.....	679,534	811,968	852,988	460,652	509,762	497,252	497,314	556,847
North Carolina.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	179,636	<sup>4</sup> 858,526	<sup>4</sup> 917,112	<sup>4</sup> 980,219	<sup>4</sup> 923,926
Pennsylvania.....	135,526	216,686	218,083	198,968	250,534	267,060	262,466	272,596
Vermont.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	16,694	20,508	17,653	( <sup>2</sup> )
Virginia.....	48,641	( <sup>2</sup> )	206,060	402,929	<sup>5</sup> 610,065	<sup>5</sup> 657,312	<sup>5</sup> 612,065	<sup>5</sup> 647,172
Washington.....	( <sup>2</sup> )	83,575	523,948	1,126,114	1,153,177	1,256,374	1,265,426	1,332,040
Wisconsin.....	324,609	506,549	733,617	653,816	835,076	857,986	873,408	899,129
Other States.....	372,846	516,532	714,723	1,633,132	1,261,301	1,351,941	1,311,576	1,417,806
<b>ALL PROCESSES</b>								
Groundwood.....	1,179,266	1,518,829	1,637,653	1,444,875	1,556,810	1,638,761	1,696,184	1,811,622
Defibrated, exploded, as- plund fiber and similar grades <sup>6</sup> .....					627,249	662,668	690,675	761,544
Sulphite.....	1,017,631	1,449,829	1,681,511	1,946,452	2,436,502	2,366,149	2,359,721	2,476,468
Sulphate.....		120,378	918,064	2,962,667	4,235,724	4,548,810	4,471,873	4,588,016
Soda.....	298,626	411,693	520,729	441,565	418,868	412,765	429,757	476,211
Semi-chemical, off quality, screenings and misc.....		47,223	104,908	197,785	469,209	469,300	518,978	492,666

<sup>1</sup> New basis, see table 811.

<sup>2</sup> Included in "Other States" to avoid disclosing data for individual establishments.

<sup>3</sup> Includes Tennessee.

<sup>4</sup> Includes South Carolina.

<sup>5</sup> Includes Maryland.

<sup>6</sup> These processes represent recent developments; production for 1939 and earlier years only a small proportion of total.

Source: Department of Commerce Bureau of the Census; reports of Biennial Census of Manufactures; 1943 production by process, from Pulp and Paper Series—Special Report D; annual report, Census of Pulp Mills and of Paper and Paperboard Mills, Facts for Industry Series M14A.

**No. 818.—PAPER AND PAPERBOARD—PRODUCTION, BY TYPE AND BY MAJOR USE:  
1941 to 1947**

[In thousands of short tons (2,000 pounds)]

TYPE AND MAJOR USE	1941	1942	1943	1944	1945	1946	1947 <sup>a</sup>
<b>All types</b> .....	<b>17,933</b>	<b>17,664</b>	<b>17,886</b>	<b>17,182</b>	<b>17,371</b>	<b>19,275</b>	<b>21,628</b>
<b>Printing and fine papers, total</b> .....	<b>4,643</b>	<b>4,337</b>	<b>4,616</b>	<b>3,724</b>	<b>3,843</b>	<b>4,642</b>	<b>5,065</b>
Newsprint.....	1,044	967	811	721	725	773	819
Groundwood printing and specialty paper, total.....	642	610	586	593	636	776	820
Hanging.....	132	107	66	61	69	474	.....
Printing.....	203	218	238	236	257	252	.....
Other groundwood papers.....	308	285	282	286	290	80	.....
Bookpaper, total.....	2,026	1,704	1,593	1,436	1,493	1,923	2,190
General printing.....	1,377	1,216	1,150	1,034	1,111	1,458	.....
Converting.....	643	481	437	400	380	457	.....
Other bookpaper.....	6	7	7	2	2	18	.....
Fine papers, total.....	950	1,055	1,021	974	1,009	1,160	1,229
Writing paper, total.....	738	770	744	727	756	902	.....
Rag content.....	109	123	117	129	135	176	.....
Chemical wood pulp.....	629	647	628	598	620	726	.....
Reproduction.....	( <sup>1</sup> )	62	64	50	43	( <sup>2</sup> )	.....
Cover.....	37	36	38	45	45	64	.....
Text.....	25	10	10	8	14	39	.....
Bristols (except bogus).....	100	109	90	84	88	97	.....
Thin.....	50	59	54	58	60	65	.....
Other fine paper.....	.....	9	11	3	3	3	.....
<b>Coarse and industrial papers, total</b> .....	<b>2,641</b>	<b>2,778</b>	<b>2,488</b>	<b>2,650</b>	<b>2,730</b>	<b>3,065</b>	<b>3,289</b>
Coarse wrapping, bags, and converting papers, total.....	2,606	2,526	2,363	2,314	2,408	2,690	2,906
Wrapping papers, total.....	1,048	1,048	632	789	854	921	.....
Bag paper.....	720	661	518	376	365	524	.....
Converting papers.....	368	566	597	758	760	695	.....
Multi-wall and shipping sack paper.....	270	251	315	392	424	530	.....
Special industrial paper and paperboard <sup>3</sup> .....	173	188	208	246	238	272	281
Absorbent paper.....	62	65	68	90	89	103	102
<b>All other paper, total</b> .....	<b>942</b>	<b>998</b>	<b>969</b>	<b>1,111</b>	<b>1,111</b>	<b>1,044</b>	<b>1,673</b>
Sanitary paper, total.....	738	811	806	808	824	860	880
Towel stock.....	196	191	190	193	206	211	.....
Toilet tissue stock.....	333	415	415	414	416	401	.....
Napkin stock.....	86	78	76	74	76	92	.....
Facial tissue stock.....	85	89	84	80	80	114	.....
Other sanitary papers.....	39	39	41	48	47	42	.....
Tissue paper.....	175	171	163	158	157	184	204
Paper not elsewhere classified.....	29	16	( <sup>4</sup> )	.....	.....	.....	.....
<b>Construction material, total</b> .....	<b>1,850</b>	<b>2,052</b>	<b>1,941</b>	<b>1,909</b>	<b>2,006</b>	<b>2,283</b>	<b>2,431</b>
Building paper, total.....	918	1,001	878	881	883	1,021	1,207
Felts.....	767	842	722	758	765	896	.....
Asbestos and asbestos filled.....	99	95	109	85	78	95	.....
Other building papers.....	52	64	53	39	40	29	.....
Building board.....	<sup>5</sup> 932	<sup>6</sup> 1,052	1,064	1,087	1,123	1,272	1,214
<b>Paperboard for packaging, total</b> .....	<b>7,365</b>	<b>6,464</b>	<b>6,964</b>	<b>7,095</b>	<b>7,122</b>	<b>7,636</b>	<b>7,654</b>
Container board.....	4,184	3,755	4,068	4,228	4,131	4,315	4,799
Folding boxboard.....	1,842	1,712	2,047	2,116	2,270	2,708	2,199
Set-up boxboard.....	<sup>7</sup> 1,239	997	829	750	721	603	556
<b>Miscellaneous paperboard, total</b> .....	<b>374</b>	<b>452</b>	<b>503</b>	<b>780</b>	<b>869</b>	<b>607</b>	<b>1,636</b>
Cardboard.....	80	54	54	70	71	89	80
All other paperboard.....	294	399	529	711	799	517	1,516

<sup>a</sup> Preliminary; detail for minor grades not available.

<sup>1</sup> Reported in bookpaper and paper not elsewhere classified.

<sup>2</sup> Reported as writing paper.

<sup>3</sup> 1944 figures include production of special industrial boards; figures for other years represent production of special industrial paper, only.

<sup>4</sup> Less than 500 tons.

<sup>5</sup> Includes estimated production of insulating board for 1 mill. Estimates made on assumption that production of this mill was proportionately the same in 1941 and 1942 as in 1943.

<sup>6</sup> Includes tube stock, classified as all other paperboard in subsequent years.

Source: Department of Commerce, Bureau of the Census: annual report, Census of Pulp Mills and of Paper and Paperboard Mills, Facts for Industry Series M14A.

## No. 814.—TURPENTINE AND ROSIN—PRODUCTION, 1899 TO 1947, AND BY STATES, 1943 TO 1947

YEAR <sup>1</sup>	TURPENTINE (GALLONS)			ROSIN (DRUMS 520 LBS. NET)		
	Total	From gum <sup>2</sup>	From wood <sup>3</sup>	Total	From gum <sup>2</sup>	From wood <sup>3</sup>
1899.....	37,733,500	37,733,500	( <sup>4</sup> )	1,947,946	1,947,946	( <sup>4</sup> )
1904.....	31,129,236	30,687,051	442,185	1,571,739	1,571,739	( <sup>4</sup> )
1909.....	<sup>5</sup> 29,714,132	28,988,954	706,868	1,462,208	1,462,208	( <sup>4</sup> )
1914.....	<sup>6</sup> 27,648,939	26,980,981	575,557	<sup>6</sup> 1,319,328	1,292,514	23,218
1919.....	19,228,174	17,693,841	1,534,333	1,015,774	910,928	104,846
1929-30.....	35,940,124	31,320,871	4,619,253	1,963,349	1,580,505	382,844
1932-33.....	28,756,550	<sup>6</sup> 25,050,000	<sup>7</sup> 3,706,550	1,658,664	<sup>6</sup> 1,362,720	295,944
1933-34.....	31,238,050	<sup>6</sup> 26,300,000	<sup>7</sup> 4,938,050	1,837,870	<sup>6</sup> 1,430,448	407,422
1934-35.....	30,154,650	<sup>6</sup> 25,500,000	<sup>7</sup> 4,654,650	1,783,298	<sup>6</sup> 1,387,200	396,098
1935-36.....	30,145,400	24,850,000	5,295,400	1,821,193	<sup>6</sup> 1,360,950	460,243
1936-37.....	31,726,000	24,139,350	7,586,650	1,865,569	<sup>6</sup> 1,286,347	579,222
1937-38.....	35,016,550	25,922,700	9,093,850	2,049,573	<sup>6</sup> 1,388,343	661,230
1938-39.....	35,460,900	26,714,550	8,746,350	2,089,913	<sup>6</sup> 1,466,344	623,569
1939-40.....	30,238,900	19,139,050	11,099,850	1,835,177	<sup>6</sup> 1,054,236	780,941
1940-41.....	28,317,050	17,196,900	11,120,150	1,717,492	<sup>6</sup> 938,911	778,581
1941-42.....	27,439,800	14,252,500	13,187,300	1,708,474	<sup>6</sup> 791,710	916,764
1942-43.....	28,017,550	16,096,500	11,921,050	1,655,803	<sup>6</sup> 868,698	787,105
1943-44.....	25,421,600	14,419,100	11,002,500	1,462,831	<sup>6</sup> 783,565	679,266
1944-45.....	23,562,150	12,259,700	11,302,450	1,317,912	<sup>6</sup> 692,212	625,700
1945-46.....	24,406,550	12,212,600	12,193,950	1,452,036	<sup>6</sup> 694,476	757,560
1946-47.....	28,499,250	13,514,300	14,984,950	1,720,248	<sup>6</sup> 752,535	967,713

STATE	PRODUCTION FROM CRUDE GUM <sup>1</sup>							
	Turpentine (gallons)				Rosin (drums 520 lbs. net) <sup>2</sup>			
	1943-44	1944-45	1945-46	1946-47	1943-44	1944-45	1945-46	1946-47
Alabama.....	829,500	698,650	686,750	534,100	44,490	38,997	38,550	29,391
Florida.....	3,272,250	2,881,200	2,199,300	2,890,000	175,639	160,774	123,537	159,160
Georgia.....	9,931,850	8,376,900	9,035,750	9,850,250	532,953	467,477	507,526	542,364
Mississippi.....	176,400	160,400	154,950	139,750	9,439	8,962	8,711	7,664
Louisiana.....	46,000	33,350	45,500	43,850	2,476	1,847	2,538	2,381
South Carolina.....	163,100	109,200	90,350	56,350	8,745	6,089	5,076	3,125

<sup>1</sup> Figures for turpentine and rosin from crude gum, beginning 1929-30, and from wood beginning 1933-34, relate to crop year ended Mar. 31. All other figures relate to calendar years.

<sup>2</sup> Figures compiled from data reported by establishments in Turpentine and Rosin industry.

<sup>3</sup> Figures compiled from data reported by establishments in Wood-Distillation industry.

<sup>4</sup> Not reported.

<sup>5</sup> Includes, for 1909 and 1914, 18,310 gallons and 92,401 gallons, respectively, of turpentine and, for 1914, 3,596 drums of rosin, reported by establishments engaged in manufacture of lumber and timber products.

<sup>6</sup> Estimated by J. E. Lockwood; complete data not available. Figures include estimates of rosin produced from reclaimed gum, as follows: 1932-33, 26,720 drums; 1933-34, 28,048; 1934-35, 27,200.

<sup>7</sup> Includes estimates by J. E. Lockwood for production of turpentine from steam-distilled wood.

<sup>8</sup> Includes data for rosin produced from reclaimed gum: For 1935-36, 43,350 drums; 1936-37, 34,155; 1937-38, 21,017; 1938-39, 31,983; 1939-40, 31,414; 1940-41, 20,181; 1941-42, 19,765; 1942-43, 11,297; 1943-44, 9,824; 1944-45, 8,066; 1945-46, 8,538; 1946-47, 8,449.

<sup>9</sup> Figures do not include data for rosin produced from reclaimed gum. See note 8.

Source: Figures for 1899 to 1932, Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures. Figures for 1933 and subsequent years, Department of Agriculture, Bureau of Agricultural and Industrial Chemistry; Naval Stores Report on Turpentine and Rosin.

## 26. Fisheries

The Fish and Wildlife Service, Division of Commercial Fisheries in the Department of the Interior, conducts annual surveys for various statistical information on the fishery industries. These data are published in greater detail in publications of the Service and include data on the volume of the catch of individual species of fish and shellfish and their value, employment in the fisheries, quantity of gear operated, the number of fishing and transporting craft employed in the capture and transporting of fishery products, employment in wholesale and manufacturing establishments, and volume and value of the production of manufactured fishery products. In addition to the basic statistics on employment, yield, and the production of manufactured fishery products for individual States and various geographical sections, there are included in reports data on imports and exports of fishery commodities; landings by fishing vessels at Boston, Gloucester, and New Bedford, Massachusetts; Portland, Maine; and Seattle, Washington; shad fisheries of the Hudson and Potomac Rivers; alewife fishery in the Potomac; seed oyster fisheries; a review of the Pacific Coast halibut fishery; a statement on whaling operations by United States firms; data on the sponge fishery; and lists of firms producing various manufactured fishery products. These data are summarized in the Statistical Abstract. The more detailed information may be obtained from the Fish and Wildlife Service, Washington 25, D. C.

### No. 815.—FISHERIES—SUMMARY OF TOTAL CATCH AND VALUE: 1930 TO 1946

[Includes Alaska beginning with 1941, data partly estimated]

YEAR	Quantity (1,000 pounds)	Value to fishermen (1,000 dollars)	YEAR	Quantity (1,000 pounds)	Value to fishermen (1,000 dollars)
1930.....	3,285,590	109,349	1941.....	5,080,341	184,173
1931.....	2,657,317	77,944	1942.....	3,875,324	170,338
1932.....	2,634,704	55,632	1943.....	4,202,281	204,039
1937.....	4,352,549	100,845	1944.....	4,504,522	207,292
1938.....	4,253,445	93,547	1945.....	4,600,000	239,000
1939.....	4,443,828	96,532	1946.....	4,400,000	253,000
1940.....	4,059,524	98,957			

### No. 816.—FISHERIES—CATCH, BY SECTIONS

SECTION	Year	Fisher- men	Fishing vessels	Fishing boats	CATCH	
					Quantity	Value to fisherman
		Number	Number	Number	1,000 pounds	1,000 dollars
New England States.....	1944	17,086	638	7,714	713,692	41,909.6
Middle Atlantic States.....	1944	7,682	427	2,905	422,980	21,329.9
Chesapeake Bays States.....	1944	14,849	291	12,054	267,791	19,823.2
South Atlantic and Gulf States.....	1945	1 29,097	1 1,735	1 16,085	748,595	53,715.4
Pacific Coast States.....	1945	1 25,125	1 1,867	1 7,094	1,428,725	62,694.8
Great Lakes States.....	1945	1 5,142	1 499	1 1,785	78,643	13,800.1
Mississippi River States.....	1931	15,884		14,546	82,383	2,897.8
Alaska.....	1945	8,251	936	2,746	696,052	22,268.1

<sup>1</sup> Data for Florida for 1940.

<sup>2</sup> Data for 1944.

<sup>3</sup> Data for 1940.

Source of tables 815 and 816: Department of the Interior, Fish and Wildlife Service; annual bulletins.

# QUANTITY AND VALUE OF CATCH

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## No. 817.—FISHERIES—QUANTITY AND VALUE OF CATCH, BY SECTIONS AND STATES: 1880 TO 1945

[Values represent the value of fish to fishermen]

CALENDAR YEAR	NEW ENGLAND STATES					
	Total		Maine		New Hampshire	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880		12,503.0		2,742.8		170.6
1902	534,075	12,408.3	242,300	2,918.8	1,503	50.0
1908	530,020	15,139.0	173,843	3,257.0	577	52.0
1919	467,340	19,838.7	147,956	3,880.0	520	92.7
1929	604,288	29,072.5	162,939	4,807.2	378	52.1
1930	701,851	37,493.5	142,624	4,329.4	1,000	60.1
1935	655,430	17,963.5	112,219	3,309.2	354	61.6
1940	626,054	20,493.7	88,068	2,000.4	788	106.2
1942	708,086	36,293.6	108,292	5,229.2	1,652	332.0
1943	645,500	43,003.2	133,920	7,010.1	3,128	611.8
1944	713,692	41,909.6	161,285	7,053.2	1,673	322.4
CALENDAR YEAR	Massachusetts		Rhode Island		Connecticut	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880		7,959.8		606.8		933.2
1902	230,646	5,462.4	21,614	1,155.7	37,832	1,799.4
1908	244,313	7,096.0	44,254	1,752.0	66,942	2,962.0
1919	246,951	10,869.7	48,251	3,296.6	23,653	1,700.6
1929	447,680	18,052.5	28,401	2,435.3	54,879	3,638.4
1930	442,474	16,289.1	25,972	2,287.3	88,012	4,518.6
1935	503,417	12,147.9	24,524	1,247.9	14,916	1,217.0
1940	510,938	15,755.8	12,060	906.2	14,180	1,000.2
1942	509,090	28,377.8	12,889	1,368.6	13,053	988.3
1943	477,012	32,328.5	16,134	1,619.6	15,396	1,433.6
1944	520,639	31,441.0	15,787	1,797.8	14,408	1,266.1

CALENDAR YEAR	MIDDLE ATLANTIC STATES									
	Total		New York		New Jersey		Pennsylvania		Delaware	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880	406,202	8,577.0	329,453	4,225.7	65,151	3,176.6	1,680	277.0	11,918	997.7
1902	367,868	9,104.7	228,092	3,894.3	117,931	4,755.5	6,030	251.5	5,835	203.4
1908	221,450	8,280.0	71,474	4,390.0	74,827	3,009.0	4,380	280.0	70,709	541.0
1921	332,932	11,567.4	210,377	4,986.9	96,937	5,983.4	605	44.6	25,023	
1930	193,868	13,063.7	46,496	4,933.7	97,275	7,474.4	17	2.8	51,081	652.6
1935	279,428	6,415.7	84,939	3,135.4	107,802	2,844.3	31	5.7	86,666	
1940	355,553	7,651.0	91,950	4,216.2	160,554	2,956.9	23	2.4	103,017	475.4
1942	319,193	12,468.2	84,396	6,613.1	145,120	5,080.9	26	1.8	89,651	772.4
1943	321,026	18,045.8	84,808	10,368.8	148,860	6,752.3			87,268	934.7
1944	422,980	21,329.9	102,632	11,523.7	166,061	8,271.2			154,297	1,535.0

CALENDAR YEAR	CHESAPEAKE BAY STATES					
	Total		Maryland		Virginia	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880	254,587	8,346.2	96,713	5,221.7	158,875	3,124.4
1901	461,159	8,380.8	82,975	3,767.5	378,183	4,613.4
1908	426,311	8,022.0	113,796	3,300.0	312,515	4,718.0
1920	530,750	12,740.4	69,531	4,196.7	471,219	8,541.7
1930	316,363	11,472.0	71,099	3,944.7	245,264	7,487.3
1935	265,827	5,524.5	48,235	2,003.6	217,592	3,520.9
1940	320,736	7,456.4	51,065	2,300.6	269,651	4,857.9
1941	328,156	9,120.6	47,476	3,378.7	280,680	5,742.1
1942	202,240	10,061.0	46,787	4,089.2	155,454	5,971.8
1944	267,391	19,823.2	51,668	7,377.0	215,828	12,446.2

CALENDAR YEAR	SOUTH ATLANTIC STATES									
	Total		North Carolina		South Carolina		Georgia		Florida (east coast only)	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880	42,952	1,256.6	32,249	645.7	6,143	212.6	2,272	120.0	2,287	78.4
1902	106,446	2,839.6	67,585	1,739.7	8,174	263.0	11,103	359.1	19,584	477.9
1908	166,875	4,034.0	101,422	1,776.0	14,104	268.0	14,828	701.0	36,521	1,200.0
1918	332,614	5,348.6	210,502	2,978.7	3,747	207.7	37,154	416.0	81,211	1,746.2
1928	262,118	6,196.2	141,899	2,629.2	7,432	316.8	42,009	866.3	70,718	2,383.9
1930	275,807	4,270.0	168,938	1,836.4	5,106	252.9	34,873	536.3	66,890	1,644.4
1934	261,060	3,624.1	163,462	1,672.2	5,891	225.3	27,141	359.5	64,566	1,367.1
1940	325,513	4,064.1	170,581	1,864.6	9,446	265.8	12,672	380.6	132,816	1,553.1
1945	401,208	14,654.2	196,169	5,495.2	10,856	899.3	21,298	1,249.5	170,785	6,910.2

No. 817.—FISHERIES—QUANTITY AND VALUE OF CATCH, BY SECTIONS AND STATES:  
1880 TO 1945—Continued

CALENDAR YEAR	GULF STATES					
	Total		Florida (west coast only)		Alabama	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880.....	23,561	1,227.5	8,376	564.8	3,542	119.3
1902.....	113,597	3,494.2	48,120	1,462.2	9,351	266.7
1908.....	118,274	4,880.0	37,566	2,120.0	10,665	357.0
1918.....	136,924	6,510.3	54,754	3,420.4	8,609	230.6
1928.....	191,007	9,866.3	61,121	3,866.5	14,468	586.6
1930.....	141,953	6,794.9	53,525	3,001.4	7,113	315.5
1934.....	166,834	6,369.5	54,215	2,267.5	7,964	253.4
1940.....	250,018	10,530.5	54,676	3,451.6	11,344	561.9
1945.....	347,387	41,060.9	73,060	11,925.9	13,127	2,443.3
CALENDAR YEAR	Mississippi		Louisiana		Texas	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880.....	788	22.5	6,996	592.6	3,859	128.3
1902.....	23,427	553.2	24,754	858.3	8,044	323.8
1908.....	17,302	459.0	42,302	1,448.0	10,439	446.0
1918.....	20,592	762.8	24,984	1,419.4	25,013	677.2
1928.....	30,701	1,060.1	60,597	2,477.9	15,212	575.0
1930.....	15,736	740.1	49,896	1,960.4	15,693	777.5
1934.....	22,153	652.3	76,633	2,284.6	25,869	911.7
1940.....	38,002	623.1	126,627	4,951.5	19,369	992.7
1945.....	70,786	1,711.4	165,471	21,366.1	21,933	3,565.2

CALENDAR YEAR	PACIFIC COAST STATES								Alaska	
	Total		Washington		Oregon		California		1,000 pounds	1,000 dollars
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1888.....	67,043	4,010.0	20,468	811.0	26,048	734.0	40,627	2,465.0	—	—
1899.....	206,911	5,278.6	119,340	2,871.4	22,752	855.7	64,819	2,561.5	—	—
1908.....	193,056	5,839.0	111,356	3,513.0	28,221	1,366.0	53,479	1,970.0	—	—
1915.....	304,796	9,306.0	170,594	5,321.0	—	1,479.0	99,509	2,506.0	—	—
1925.....	627,025	24,580.5	139,457	9,476.4	40,008	3,442.4	447,560	11,661.7	616,136	9,800.7
1930.....	833,399	23,064.1	110,039	8,334.8	26,469	2,266.3	696,891	12,473.0	620,702	12,756.6
1935.....	1,076,236	23,088.8	124,086	5,328.7	85,392	2,076.8	1,466,758	14,683.3	648,710	9,003.2
1940.....	1,456,281	29,578.0	111,632	6,676.3	84,203	2,741.8	1,260,446	20,189.9	563,668	10,612.1
1941.....	1,813,358	40,361.7	197,253	12,622.4	91,725	5,349.9	1,524,378	22,369.4	—	15,039.3
1942.....	1,374,683	49,244.1	138,162	16,042.1	65,326	7,191.2	1,171,200	26,010.8	522,179	17,933.6
1943.....	1,453,263	57,322.7	155,310	17,859.5	70,289	7,780.6	1,227,664	31,682.5	594,645	20,505.9
1944.....	1,667,695	59,794.6	154,402	16,559.3	71,026	7,936.3	1,442,267	35,299.0	561,199	20,413.5
1945.....	1,428,278	62,694.3	196,136	18,154.5	72,774	7,807.3	1,159,369	37,032.4	696,052	22,288.1

CALENDAR YEAR	GREAT LAKES <sup>1</sup>									
	Total <sup>2</sup>		Lake Superior		Lake Michigan		Lake Huron		Lake Erie	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1885.....	99,842	2,091.9	8,826	291.5	23,518	878.8	11,457	—	51,457	1,109.1
1899.....	113,727	2,611.4	5,430	150.9	34,500	876.7	12,418	308.1	58,394	1,150.9
1906.....	106,631	3,768.0	10,196	342.0	40,019	1,554.0	12,932	480.0	41,922	1,280.0
1917.....	104,269	6,295.0	15,447	726.7	35,461	2,270.9	13,363	837.5	38,710	2,327.3
1927.....	81,327	0,794.9	15,302	918.1	23,681	2,364.8	15,711	1,444.4	23,796	1,831.3
1930.....	94,948	6,050.3	14,694	695.3	30,973	2,169.0	16,377	1,319.9	29,540	1,655.5
1935.....	90,223	5,044.9	17,874	940.6	25,069	1,942.6	13,676	1,224.1	30,357	1,643.6
1940.....	79,296	5,623.4	20,672	904.4	22,814	2,049.5	9,099	679.9	22,944	1,772.0
1941.....	78,065	6,470.3	22,111	1,309.7	22,918	2,374.3	8,727	681.1	22,063	1,882.5
1942.....	75,246	8,629.5	19,228	1,406.3	21,404	3,203.5	8,465	1,011.5	24,131	2,740.6
1943.....	78,221	12,267.6	18,372	2,214.8	22,174	4,597.7	8,610	1,075.3	27,114	4,134.3
1944.....	75,688	10,948.2	19,245	2,246.4	19,252	4,341.9	6,432	831.7	28,637	3,320.0
1945.....	76,643	13,800.1	18,725	2,574.0	22,090	5,570.9	7,475	1,129.0	28,631	4,266.9

<sup>1</sup> Collected for most part by State fishery agencies and compiled by Fish and Wildlife Service since 1927.

<sup>2</sup> Includes, in addition to lakes shown, small amounts for Lake Ontario and also prior to 1927, Lake St. Clair and St. Clair and Detroit Rivers and beginning 1927, Lake-of-the-Woods, Namakan Lake, and Rainy Lake.



**No. 817.—FISHERIES—QUANTITY AND VALUE OF CATCH, BY SECTIONS AND STATES:  
1880 TO 1945—Continued**

**MISSISSIPPI RIVER AND TRIBUTARIES**

CALENDAR YEAR	Total		TRIBUTARY	1922		1931	
	1,000 pounds	1,000 dollars		1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1884.....	44,545	1,384.6	Arkansas.....	2,034	135.8	* 777	* 49.9
1890 <sup>1</sup> .....	96,797	1,781.0	Atchafalaya.....	4,579	254.7	9,281	823.1
1908 <sup>2</sup> .....	93,874	1,841.2	Cumberland.....	728	14.7	108	13.0
1908 <sup>3</sup> .....	148,284	3,125.0	Illinois <sup>4</sup> .....	12,661	617.3	5,985	159.7
1922.....	105,734	4,503.5	Missouri <sup>4</sup> .....	1,232	105.2	1,051	94.3
1931.....	82,383	2,897.3	Ohio River and minor tributaries.....	7,455	379.1	1,221	95.5
	Mississippi and minor tributaries		Red <sup>4</sup> .....	6,577	324.5	6,417	277.4
			St. Francis <sup>4</sup> .....	3,684	108.9	2,173	55.6
			Tennessee <sup>4</sup> .....	4,990	98.3	5,223	75.0
			Wabash <sup>4</sup> .....	12,063	257.8		152.0
			White (Missouri and Ar- kansas) <sup>4</sup> .....	14,662	405.9	12,368	256.7
1894.....	21,242	587.8	Yazoo.....	1,023	55.5	* 1,311	* 57.8
1899.....	58,904	823.0					
1903.....	53,851	1,157.4					
1922.....	33,945	1,645.3					
1931.....	28,139	1,075.3					

\* Excluding Atchafalaya River.   <sup>4</sup> Including tributaries.

**No. 818.—FISHERIES—CATCH OF PRINCIPAL SPECIES: 1931 TO 1946**

[In thousands of pounds. Includes Alaska]

GROUP AND SPECIES	1931	1937	1939	1941	1942	1943	1944	1945	1946
<b>FISH</b>									
Cod.....	112,303	154,282	124,347	(1)	73,456	71,643	(1)	(1)	(1)
Haddock.....	182,561	171,769	170,975	177,699	145,687	125,698	142,692	151,927	156,000
Herring, sea.....	169,574	201,651	262,810	(1)	145,779	154,545	(1)	(1)	235,000
Mackerel.....	51,645	87,537	113,503	(1)	103,628	134,308	(1)	(1)	107,000
Menhaden.....	230,398	482,137	575,480	775,067	474,821	615,554	835,985	759,074	950,000
Pilchard or sardine.....	300,204	1,139,505	1,240,975	1,328,378	974,680	986,563	1,135,552	831,990	515,870
Salmon.....	601,095	689,074	526,978	629,480	508,598	500,613	430,997	421,000	447,500
Tuna and tunalike.....	60,059	163,671	182,165	135,720	121,791	130,043	170,053	182,663	223,000
Rosefish.....	237	58,357	78,205	(1)	128,107	114,744	(1)	(1)	180,000
<b>SHELLFISH</b>									
Crabs.....	83,701	95,819	109,414	(1)	(1)	(1)	(1)	(1)	(1)
Shrimp.....	99,432	143,446	150,250	(1)	(1)	(1)	(1)	(1)	(1)
Oysters.....	101,036	95,627	93,008	(1)	(1)	(1)	(1)	(1)	(1)
Whale products.....		10,174	5,159	495	806	496	99		

<sup>1</sup> Complete data not available.

**No. 819.—FISHERIES—DISPOSITION OF DOMESTIC CATCH: 1941 TO 1946**

[Includes Alaska. A large portion of waste derived from canning, filleting, and dressing fish and shellfish is utilized in production of fish meal and oil in addition to whole fish used in manufacture of these products. In 1941 about 775,000,000 pounds of waste were used in production of meal and oil. In subsequent years about 600,000,000 pounds of waste were used for this purpose each year]

FORM MARKETING	BOUND WEIGHT OF CATCH (thousands of pounds)					
	1941	1942	1943	1944	1945	1946 <sup>1</sup>
Total.....	5,080,499	3,877,000	4,202,000	4,504,000	4,570,000	4,335,000
Fresh and frozen.....	1,660,000	1,407,000	1,647,000	1,588,000	1,841,000	1,651,000
Canned.....	1,645,000	1,230,000	1,150,000	1,225,000	1,230,000	1,220,000
Cured.....	125,000	115,000	105,000	110,000	110,000	115,000
Byproducts, bait, etc.....	1,650,000	1,125,000	1,400,000	1,580,000	1,388,000	1,410,000

<sup>1</sup> Preliminary.

Source of tables 817, 818, and 819: Department of the Interior, Fish and Wildlife Service; annual bulletins.

No. 820.—LANDINGS BY FISHING CRAFT AT PRINCIPAL ATLANTIC PORTS: 1942 TO 1946

PORT AND YEAR	Total, all species	Cod	Had- dock	Hake	Pol- lock	Cusk	Whit- ing	Mack- erel	Rose- fish	Floun- ders	Miscel- laneous
Quantity (thousands of pounds)											
Boston:											
1942.....	194,687	35,410	100,199	1,730	10,613	1,866	11,400	14,130	9,949	7,338	2,082
1943.....	142,975	28,760	74,845	1,676	6,131	1,164	7,672	9,781	5,067	5,896	1,963
1944.....	153,123	43,108	73,692	1,669	6,983	877	5,295	14,274	2,033	4,163	1,029
1945.....	188,161	72,895	66,354	1,123	10,300	281	9,958	17,725	1,377	6,908	1,240
1946.....	158,152	35,655	71,414	2,205	13,028	391	6,684	14,081	5,195	8,035	1,464
Gloucester:											
1942.....	157,741	6,353	7,830	1,479	13,883	548	15,611	14,257	91,285	6,139	356
1943.....	170,099	11,428	14,939	2,254	9,928	503	13,431	26,919	83,992	4,211	2,494
1944.....	192,710	19,965	16,156	5,193	10,141	680	9,850	33,545	91,582	4,216	1,382
1945.....	213,498	25,797	21,786	11,544	15,792	773	16,830	11,890	102,038	4,830	2,218
1946.....	217,968	16,898	16,188	4,286	18,393	844	8,857	15,498	130,900	3,989	2,115
New Bedford:											
1942.....	57,884	2,956	4,787	56	83	1	17	3,346	5	40,874	5,759
1943.....	62,164	5,816	7,926	860	136	1	97	6,330	-----	33,614	7,384
1944.....	74,936	8,211	22,466	2,174	223	(1)	135	6,196	7	27,580	7,944
1945.....	101,363	10,768	34,427	5,913	1,131	2	101	12,076	15	28,799	8,131
1946.....	90,324	11,568	33,020	323	1,394	2	8	2,252	195	31,364	10,198
Portland, Maine:											
1942.....	20,540	1,497	1,770	514	898	98	1,098	117	13,913	423	212
1943.....	18,289	2,232	409	893	1,316	70	596	11	12,253	418	91
1944.....	17,972	2,079	413	1,164	1,584	86	1,255	167	10,478	432	314
1945.....	21,956	2,445	493	1,766	1,809	158	2,681	490	11,231	390	493
1946.....	35,612	3,244	727	2,886	3,013	367	2,773	637	20,893	657	415
New York City:											
1942.....	26,945	2,118	7,136	224	94	(1)	673	471	17	10,443	5,769
1943.....	22,121	1,870	8,007	320	100	1	1,073	759	7	5,895	4,089
1944.....	19,143	1,505	7,467	173	94	-----	226	365	-----	3,567	5,746
1945.....	16,596	1,006	7,788	232	142	-----	227	91	-----	3,517	3,593
1946.....	18,015	1,486	7,530	109	149	(1)	98	375	-----	3,270	4,996
Value (thousands of dollars)											
Boston:											
1942.....	12,548.7	2,100.1	6,910.3	135.3	644.2	119.0	584.8	870.1	359.7	484.2	341.0
1943.....	12,603.6	2,595.4	7,004.3	139.2	507.9	91.3	342.6	762.9	249.4	482.8	427.8
1944.....	10,685.4	2,983.9	5,634.5	112.7	381.1	56.6	215.4	799.7	84.0	296.6	120.9
1945.....	13,789.6	5,198.8	5,224.7	81.0	622.6	19.0	449.4	1,563.5	55.4	430.3	144.9
1946.....	13,693.8	2,779.5	7,385.3	151.7	562.2	24.0	300.4	1,106.0	236.3	665.9	482.3
Gloucester:											
1942.....	6,083.9	423.0	486.6	69.0	757.9	22.6	635.4	683.0	2,740.3	252.8	13.3
1943.....	9,046.5	990.8	1,300.9	153.3	551.7	33.6	562.5	1,616.9	3,399.0	298.3	139.5
1944.....	9,260.5	1,362.6	1,215.1	256.4	507.8	41.0	388.7	1,483.3	3,560.8	279.1	165.7
1945.....	11,183.9	1,813.3	1,744.5	401.8	832.8	46.5	742.5	925.2	3,956.8	311.5	409.0
1946.....	10,822.3	1,146.8	1,260.8	200.2	714.2	46.1	374.5	753.7	5,839.6	251.1	235.4
New Bedford:											
1942.....	4,552.8	212.7	352.1	1.6	5.0	(1)	.5	177.9	(1)	1,994.5	1,808.5
1943.....	5,979.9	452.6	628.9	32.1	8.8	(1)	3.5	566.8	-----	2,506.3	1,780.9
1944.....	6,281.1	576.7	1,682.4	53.2	11.3	(1)	4.9	313.1	(1)	2,026.4	1,613.1
1945.....	8,600.8	775.5	2,654.6	122.3	72.1	(1)	3.7	1,032.8	.6	2,302.0	1,637.2
1946.....	12,241.4	930.4	2,951.2	21.1	84.1	(1)	(1)	177.4	8.6	2,874.3	5,194.0
Portland, Maine:											
1942.....	679.9	87.9	98.9	24.7	36.3	6.1	30.7	8.8	366.5	14.9	5.1
1943.....	870.0	189.6	40.1	62.0	67.3	5.0	21.9	1.1	450.9	26.8	5.3
1944.....	793.0	139.8	31.4	76.5	73.9	5.1	30.3	8.0	378.3	25.8	23.9
1945.....	1,035.3	174.2	38.6	129.3	89.4	8.9	52.8	30.4	419.0	24.5	68.2
1946.....	1,618.7	233.1	68.5	174.2	122.6	22.9	51.0	37.8	820.7	38.2	50.2

<sup>1</sup> Less than 500 pounds or \$500.

Source: Department of Interior, Fish and Wildlife Service; annual bulletins.

**No. 821.—CANNED FISHERY PRODUCTS, FISH MEAL, AND FISH OIL—PRODUCTION AND VALUE: 1937 TO 1946**

[Includes Alaska]

YEAR	Canned		Scrap and meal		Oil (except vitamin)		Vitamin oil
	1,000 pounds	1,000 dollars	Tons	1,000 dollars	1,000 gallons	1,000 dollars	1,000 dollars
1937.....	717, 270	105, 175	219, 942	7, 566	31, 391	12, 695	2, 204
1938.....	649, 413	83, 446	205, 216	7, 418	30, 445	9, 876	2, 476
1939.....	688, 277	96, 628	226, 102	9, 094	29, 069	8, 601	4, 472
1940.....	681, 194	94, 182	193, 244	7, 834	18, 250	5, 632	5, 068
1941.....	885, 962	138, 684	236, 844	13, 096	22, 016	11, 893	14, 872
1942.....	660, 549	144, 997	171, 080	11, 626	19, 549	12, 518	10, 372
1943.....	620, 880	141, 189	190, 403	13, 629	22, 264	14, 971	14, 842
1944.....	658, 660	152, 914	212, 000	15, 200	27, 324	17, 771	13, 237
1945.....	646, 386	152, 801	200, 675	14, 405	23, 698	16, 034	11, 202
1946.....	699, 378	227, 629	199, 621	20, 439	19, 135	21, 223	13, 619

Source: Department of the Interior, Fish and Wildlife Service; annual bulletins.

**No. 822.—CANNED FISHERY PRODUCTS—PRODUCTION AND VALUE: 1933 TO 1946**

[Includes Alaska]

YEAR	Total	Salmon	SARDINES		Tuna and tuna like fishes	Mack- erel	Shrimp	Clam prod- ucts	Oysters	Other
			Maine	Calif.						
Quantity (thousands of pounds)										
1933.....	518, 996	305, 398	19, 912	69, 275	31, 976	33, 686	24, 201	10, 239	5, 222	19, 087
1934.....	681, 304	402, 386	23, 197	88, 652	43, 567	57, 394	16, 974	16, 392	6, 578	26, 164
1935.....	647, 642	289, 339	33, 614	108, 902	55, 691	81, 550	18, 230	16, 674	7, 513	36, 129
1936.....	769, 673	430, 328	37, 471	117, 744	59, 506	55, 658	15, 366	19, 123	7, 931	26, 446
1937.....	717, 270	362, 642	34, 109	126, 560	69, 522	37, 837	21, 523	19, 577	10, 634	34, 866
1938.....	649, 413	349, 427	13, 634	101, 776	60, 945	43, 453	18, 113	19, 312	7, 237	35, 516
1939.....	688, 277	287, 621	44, 872	139, 864	79, 695	40, 023	20, 651	24, 515	9, 080	41, 956
1940.....	681, 194	269, 040	22, 690	132, 565	91, 144	63, 985	16, 744	24, 257	9, 068	51, 101
1941.....	885, 962	375, 918	63, 565	225, 322	61, 563	42, 075	16, 468	25, 271	9, 190	66, 590
1942.....	660, 549	280, 080	55, 219	168, 508	52, 500	32, 454	14, 450	21, 331	7, 326	28, 681
1943.....	620, 880	273, 802	47, 772	150, 961	56, 563	42, 176	9, 907	12, 197	4, 842	22, 660
1944.....	658, 660	246, 655	61, 627	164, 291	70, 185	55, 128	8, 425	13, 661	3, 830	34, 858
1945.....	646, 386	235, 596	51, 061	169, 469	88, 978	31, 174	3, 225	21, 502	3, 164	42, 217
1946.....	699, 378	221, 554	61, 315	133, 973	93, 888	43, 297	7, 832	40, 493	5, 472	91, 554
Value (thousands of dollars)										
1933.....	59, 800	36, 242	2, 397	3, 805	6, 934	1, 868	3, 479	1, 766	1, 076	2, 233
1934.....	80, 021	45, 818	3, 316	5, 481	10, 010	3, 245	4, 403	2, 713	1, 871	3, 165
1935.....	74, 999	32, 475	5, 143	6, 237	12, 824	4, 976	4, 722	2, 681	2, 045	3, 896
1936.....	94, 564	50, 061	5, 740	7, 302	14, 715	3, 543	4, 672	2, 976	2, 181	3, 374
1937.....	105, 175	52, 934	4, 998	8, 592	18, 996	2, 674	7, 131	3, 013	2, 933	3, 904
1938.....	83, 446	42, 366	2, 367	7, 102	15, 184	2, 896	4, 872	3, 190	1, 886	3, 583
1939.....	96, 628	41, 781	7, 075	9, 554	20, 080	2, 589	5, 398	3, 798	2, 379	3, 974
1940.....	94, 182	38, 050	3, 736	8, 975	23, 728	4, 101	4, 318	3, 778	2, 527	4, 969
1941.....	138, 684	67, 417	12, 476	18, 092	19, 398	3, 504	4, 883	3, 711	2, 997	6, 206
1942.....	144, 997	61, 974	11, 692	15, 510	30, 742	3, 693	7, 347	3, 791	3, 599	6, 649
1943.....	141, 189	62, 935	10, 686	14, 352	31, 430	5, 271	5, 361	2, 802	2, 822	5, 530
1944.....	152, 914	56, 383	14, 224	15, 226	40, 836	7, 034	4, 855	3, 821	2, 283	8, 252
1945.....	152, 801	52, 586	11, 520	15, 346	47, 407	4, 047	1, 919	7, 391	2, 030	10, 555
1946.....	227, 629	73, 641	19, 549	19, 896	59, 136	7, 575	8, 429	11, 145	5, 249	23, 009

Source: Department of the Interior, Fish and Wildlife Service; annual bulletins.

# No. 823.—FRESH AND FROZEN PACKAGED FISH—PRODUCTION, BY PRINCIPAL SPECIES: 1930 TO 1946

[Includes Alaska]

YEAR	Total	Cod	Flounders	Haddock	Rosefish	Whiting <sup>1</sup>	Other
Quantity (thousands of pounds)							
1930.....	77,829	6,603	976	62,146	.....	.....	8,103
1931.....	66,074	8,731	1,494	42,311	.....	.....	12,548
1932 <sup>2</sup> .....	51,976	7,786	1,687	33,401	.....	.....	9,101
1933.....	62,732	11,577	3,756	35,149	.....	.....	12,250
1934.....	80,106	15,239	4,648	36,666	1,580	.....	23,003
1935.....	107,494	17,747	6,166	46,484	4,320	.....	32,777
1936.....	113,356	17,896	5,860	41,187	15,521	.....	32,902
1937.....	116,992	22,807	7,870	40,241	15,809	.....	30,265
1938.....	129,976	21,189	8,116	41,453	19,152	7,603	32,464
1939.....	137,268	19,401	10,645	38,432	25,003	12,421	31,366
1940.....	129,420	14,541	11,245	36,747	22,907	12,256	30,634
1941.....	182,951	16,790	20,455	46,912	41,817	24,019	32,966
1942 <sup>4</sup> .....	173,362	12,930	24,860	41,875	37,680	24,563	31,426
1943 <sup>4</sup> .....	158,639	13,714	24,517	32,219	31,012	22,315	34,802
1944 <sup>4</sup> .....	172,294	22,063	18,073	38,403	24,531	16,510	40,694
1945 <sup>4</sup> .....	204,927	28,864	19,961	44,197	35,456	29,959	46,490
1946 <sup>4</sup> .....	184,480	18,132	21,800	42,441	42,807	22,129	34,371
Value (thousands of dollars)							
1930.....	12,277	971	191	9,844	.....	.....	1,271
1931.....	9,452	1,118	299	6,152	.....	.....	1,895
1932 <sup>2</sup> .....	5,742	857	266	3,357	.....	.....	1,262
1933.....	6,967	1,242	568	3,457	.....	.....	1,700
1934.....	9,001	1,677	723	3,801	1,55	.....	2,746
1935.....	11,202	1,751	973	4,427	440	.....	2,611
1936.....	12,147	1,895	906	4,266	1,514	.....	2,566
1937.....	12,861	2,262	1,267	4,162	1,495	.....	2,685
1938.....	12,315	2,026	1,233	3,428	1,668	362	2,679
1939.....	14,028	1,930	1,432	3,763	2,544	562	2,777
1940.....	14,348	1,760	1,542	4,479	2,272	561	2,731
1941.....	23,930	2,436	3,171	6,848	4,808	1,484	5,184
1942 <sup>4</sup> .....	33,991	2,778	5,867	6,661	6,907	2,240	6,638
1943 <sup>4</sup> .....	37,589	3,516	7,299	9,091	6,932	2,194	8,537
1944 <sup>4</sup> .....	40,820	5,461	5,423	10,897	7,746	1,955	9,639
1945 <sup>4</sup> .....	48,371	7,452	6,066	12,349	7,673	3,008	11,713
1946 <sup>4</sup> .....	46,283	4,747	6,877	12,967	11,710	2,168	7,794

<sup>1</sup> Data incomplete for years prior to 1938. <sup>2</sup> Excludes California production. <sup>3</sup> Estimated.<sup>4</sup> Excludes California production. In 1941, yield of packaged fish in California totaled 5,384,000 pounds, valued at \$1,032,000 of which 1,380,000 pounds were flounders, valued at \$226,000.

Source: Department of the Interior, Fish and Wildlife Service; annual bulletins.

## No. 824.—FROZEN FISHERY PRODUCTS—PRODUCTION: 1938 TO 1947

(In thousands of pounds. Includes Alaska. Through 1942 for month ending on 15th, thereafter for calendar month. For cold storage holdings, see table 778)

MONTH	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
Total.....	185,096	183,408	196,155	246,588	247,165	246,063	268,537	286,001	289,065	246,625
January.....	9,207	6,714	8,849	9,077	8,740	6,740	9,021	4,925	6,228	4,394
February.....	6,769	6,455	6,895	7,604	6,559	6,792	8,813	4,191	6,231	3,439
March.....	5,219	4,450	6,324	5,836	7,016	9,150	11,262	6,890	11,077	6,235
April.....	9,052	6,903	5,664	8,568	10,376	9,958	17,375	12,962	12,504	11,711
May.....	18,248	15,240	11,772	18,910	22,609	22,220	32,640	27,630	34,378	25,188
June.....	19,377	21,163	23,200	25,696	25,459	36,025	34,849	39,392	38,303	30,039
July.....	22,430	22,689	25,064	30,819	34,038	34,438	40,573	42,856	43,269	33,280
August.....	20,896	22,442	24,616	34,208	35,634	34,786	32,802	45,823	37,940	39,609
September.....	20,624	20,485	23,707	28,552	28,564	26,913	28,004	33,257	27,372	27,730
October.....	17,002	17,024	21,558	27,226	26,281	18,806	23,733	27,472	29,983	29,626
November.....	22,536	18,434	22,150	29,482	22,701	24,948	18,104	26,212	20,308	16,646
December.....	15,706	21,389	16,316	21,596	19,126	15,297	9,861	14,591	12,573	16,337

Source: Department of the Interior, Fish and Wildlife Service; current and annual bulletins.

## No. 825.—FISHERY PRODUCTS—IMPORTS AND EXPORTS: 1936 TO 1946

YEAR	IMPORTS				EXPORTS			
	Total	Edible products		Non-edible	Total	Edible products		Non-edible
	1,000 dollars	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 pounds	1,000 dollars	1,000 dollars
1936	41,872	371,206	30,356	11,516	13,214	111,259	12,263	951
1937	50,636	364,668	33,911	16,725	14,567	119,068	13,729	838
1938	39,307	302,624	28,349	10,958	14,415	118,029	13,798	617
1939	45,999	346,240	32,404	13,595	14,207	124,974	13,580	627
1940	41,830	302,518	29,073	12,787	17,786	144,804	17,416	670
1941	40,805	305,483	27,919	12,686	22,008	215,990	21,479	529
1942	38,348	279,010	28,886	9,462	31,989	167,080	27,875	4,114
1943	60,067	321,962	43,412	16,675	48,796	239,138	43,245	5,551
1944	78,519	339,431	53,431	25,068	36,033	112,230	31,929	4,104
1945 (preliminary)	101,192	404,730	76,602	24,691	38,560	135,963	30,893	7,656
1946 (preliminary)	129,815	473,366	89,961	39,654	68,224	205,941	39,629	28,596

Source: Department of the Interior, Fish and Wildlife Service; compiled from data furnished by Department of Commerce, Bureau of the Census.

No. 826.—FISH PROPAGATION BY FISH AND WILDLIFE SERVICE—OUTPUT OF EGGS, FRY, AND FINGERLINGS, 1895 TO 1946, AND BY SPECIES, 1946  
(All quantities in thousands)

YEAR ENDING JUNE 30—	Total	Eggs	Fry	Fingerlings	Cost per million <sup>1</sup>
1895	619,916	55,408	561,894	2,513	\$292.64
1900	1,164,337	88,682	1,070,757	4,698	280.00
1915	4,288,758	536,280	3,694,282	58,216	131.55
1920	4,770,356	630,749	3,872,216	267,393	130.11
1925	5,301,862	1,050,398	4,114,514	136,964	135.61
1930	7,570,482	2,563,481	4,766,831	260,170	120.50
1935	8,071,725	3,381,794	1,556,246	133,683	117.22
1940	7,407,347	5,826,059	1,498,187	83,031	124.87
1942 (Dec. 31)	7,820,836	5,090,802	2,646,638	84,396	116.52
1943 (Dec. 31)	6,894,962	4,649,768	2,163,796	81,398	144.82
1944 (Dec. 31)	5,740,160	3,393,619	2,207,662	78,899	106.38
1945 (Dec. 31)	5,454,558	3,176,357	2,203,672	74,529	214.15
1946 (Dec. 31)	4,661,303	2,899,342	1,674,515	87,546	319.42

GROUP	1946			GROUP	1946		
	Eggs	Fry	Fingerlings or larger		Eggs	Fry	Fingerlings or larger
Catfish (bullheads)			874	Crappie (black)			681
Channel catfish		120	175	Crappie (white)			139
Mud catfish			5	Largemouth black bass		3,768	5,051
Buffalo fish	60,750		21	Smallmouth black bass		672	208
Shad	2,461	9,288	(?)	Rock bass			42
Whitefish	780	967		Warmouth bass			13
Lake herring		4,900		Yellow bass			(?)
Striped bass		3,517		Bluegill sunfish			16,071
Atlantic salmon			40	Common sunfish			(?)
Chinook salmon	8,941	15,768	39,171	Green sunfish			64
Chum salmon		3,401	70	Red-breasted sunfish			10
Humpback salmon			237	Red-eared sunfish			1,542
Landlocked salmon			58	Round sunfish			1
Landlocked sockeye salmon			39	Pickering			(?)
Silver salmon	31	324	1,158	Pike perch	2,000	17,235	68
Sockeye salmon	1,279		1,738	Yellow perch	420	1,739	218
Steelhead trout	7	50	229	Fresh water drum			4
Rainbow trout	14,467	578	7,509	White perch		1,100	
Cut-throat trout	17,672	4,742	3,261	White bass			(?)
Lock Laven trout or brown trout	1,848	37	2,609	Cod	1,691,745	386,319	
Lake trout		3	963	Haddock	354,163	137,269	
Brook trout	16,242	737	5,017	Flounder		963,237	
Grayling	1,737		52	Pollock	716,299	113,399	
Northern pike	8,180	200	(?)	Lobster		3,147	321
				Terrapin			10

<sup>1</sup> Includes all expenditures chargeable to fish culture and distribution and salaries of all employees in fish-cultural field services and administrative and clerical force.

<sup>2</sup> Less than \$00.

Source: Department of the Interior, Fish and Wildlife Service; annual bulletins and reports.

## **27. Mining and Mineral Products**

This section summarizes the principal statistics relating to the mineral industries and mineral products. It includes not only the crude and prepared minerals associated with the mineral extraction, but also some of the finished products manufactured from minerals. Statistics relating to the manufacture of mineral products are also included in section 29, Manufactures. Additional information relating to the mineral industries and mineral products appear also in other sections of this Abstract such as the section on labor force, prices, foreign commerce, and others.

Most of the statistics in this section are from the Bureau of Mines and the Bureau of the Census, with additional material from other Government agencies such as the Bureau of Labor Statistics, Bureau of the Mint, and the Interstate Commerce Commission and from non-Government sources such as the Engineering and Mining Journal, American Metal Market, the Iron Age, and the American Gas Association. Data in this section cover the following areas unless otherwise indicated: Bureau of Mines production statistics, continental United States, and, for leading products, outlying areas; Bureau of Census statistics, continental United States; foreign trade statistics, the United States customs area, which includes Alaska, Hawaii, Puerto Rico, and for 1935 to 1939, the Virgin Islands.

Mineral statistics, with principal emphasis on commodity detail, have been collected annually or at more frequent intervals by the United States Geological Survey or by the Bureau of Mines since 1880. The principal statistics have been published annually through 1931 in Mineral Resources of the United States and thereafter in the Minerals Yearbook. Data available from Bureau of Mines publications include quantities and values of minerals produced, sold or used by producers, or shipped; quantities of minerals stocked; crude materials treated and prepared minerals recovered, by method of treatment; and mineral content of materials produced. Data on production are sometimes available by method of extraction. Shipments or sales of products are classified in many cases by grade, by end use, or by State of destination. The Bureau of Mines also collects and publishes separate data on employment and accidents. The number of workers and man-days or man-hours worked, as measures of exposure to accidents, are tabulated only for broad industry groups.

Censuses of mineral industries have been taken approximately every 10 years since 1840. The statistics are collected and published in the Census volumes in such a manner as to relate the statistics on the production of the various minerals as nearly as possible to data on employment, principal expenses, fuels and power consumed, and other information available only for each establishment as a whole. Each establishment is classified according to its most valuable product. The data are also collected and compiled in a manner to permit integration with other Census statistics such as for manufactures and wholesale and retail trade. Data are available on the number of operations, quantity and value of products, number of persons engaged (sometimes by department or type of work), principal expenses (wages, salaries, cost of supplies and materials, fuel, purchased electric energy, and work done on contract), horsepower of power equipment, and sometimes other items, such as man-hours, cost of buildings, machinery and equipment, number and type of power-loading machines, cost of drilling oil and gas wells, development work, and capital invested. Commodity statistics on many of the manufactured mineral products are also collected by the Bureau of the Census at monthly, quarterly, or annual intervals.

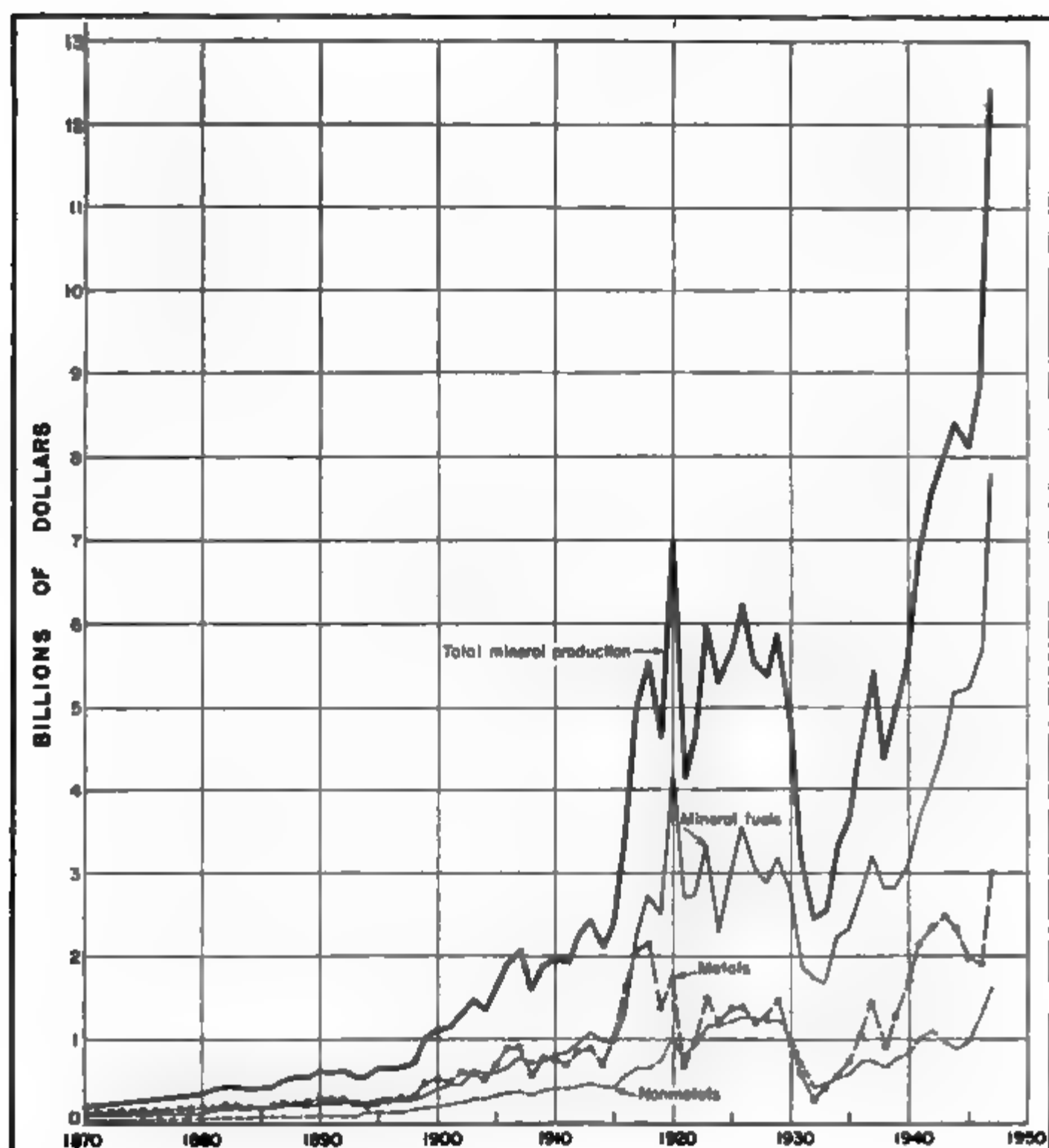
To avoid misinterpretation, it should be noted that the Census of Mineral Industries statistics in tables 831-833 relate to operations primarily engaged in extracting minerals



and in such primary mineral-preparation activities (crushing, screening, washing, flotation, etc.) as are needed to render the minerals marketable. Many of the statistics collected by the Bureau of Mines represent products of operations beyond the limits covered by the Census of Mineral Industries. Value totals based on Bureau of Mines publications, as shown in tables 827 and 830, are not comparable with the Census value totals, as shown in tables 831-833. Census values represent crude or prepared minerals f. o. b. the mine, well, or mineral-preparation plant. Bureau of Mines value totals include for most metallic products the value of ingot metal rather than the value of ores and concentrates, the value of natural gas at points of consumption rather than at wells, and the value of such manufactured products as cement and lime rather than the value of the limestone used in producing them.

FIGURE T.—VALUE OF MINERAL PRODUCTION: 1870 TO 1947

[See table 827]



Source: Department of the Interior, Bureau of Mines.

No. 827.—MINERAL PRODUCTS OF THE UNITED STATES—VALUE, FOR METALLIC AND NONMETALLIC: 1881 TO 1946

[All figures in millions of dollars. See general note, p. 740]

YEARLY AVERAGE OR YEAR	Total	Metal- lic	NONMETALLIC			YEAR	Total	Metal- lic	NONMETALLIC		
			Total	Fuels <sup>1</sup>	Other				Total	Fuels <sup>1</sup>	Other
1881-1885.....	426	194	232	171	61	1928.....	5,385	1,288	4,097	2,885	1,212
1886-1890.....	541	249	292	215	78	1929.....	5,888	1,480	4,407	3,191	1,217
1891-1895.....	592	245	347	248	99	1930.....	4,765	986	3,779	2,765	1,015
1896-1900.....	828	366	462	307	154	1931.....	3,167	570	2,597	1,892	704
1901-1905.....	1,392	578	814	546	267	1932.....	2,462	286	2,176	1,743	432
1906-1910.....	1,887	769	1,118	746	372	1933.....	2,555	417	2,138	1,683	455
1911-1915.....	2,220	821	1,400	967	433	1934.....	3,325	549	2,776	2,233	543
1916-1920.....	5,129	1,798	3,331	2,602	729	1935.....	3,650	733	2,917	2,330	587
1921-1925.....	5,151	1,154	3,997	2,943	1,054	1936.....	4,557	1,082	3,475	2,759	716
1926-1930.....	5,556	1,276	4,280	3,088	1,192	1937.....	5,413	1,468	3,945	3,201	745
1931-1935.....	3,032	511	2,521	1,977	544	1938.....	4,363	893	3,471	2,820	650
1920.....	6,981	1,764	5,218	4,193	1,025	1939.....	4,914	1,292	3,623	2,834	788
1921.....	4,139	655	3,484	2,703	780	1940.....	5,614	1,679	3,935	3,117	819
1922.....	4,647	988	3,659	2,738	921	1941.....	6,878	2,132	4,746	3,708	1,038
1923.....	5,987	1,512	4,475	3,317	1,157	1942.....	7,576	2,364	5,212	4,103	1,109
1924.....	5,306	1,233	4,072	2,899	1,174	1943.....	8,072	2,488	5,584	4,608	976
1925.....	5,678	1,382	4,295	3,059	1,237	1944.....	8,417	2,340	6,077	5,178	899
1926.....	6,214	1,405	4,808	3,542	1,266	1945.....	8,140	1,974	6,166	5,212	954
1927.....	5,530	1,221	4,309	3,060	1,249	1946 (prel.)....	8,859	1,823	7,036	5,725	1,311

<sup>1</sup> Coal, natural gas, natural gasoline and allied products, petroleum.  
Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 828.—NONFERROUS METALS—YEARLY AVERAGE PRICES, BY KIND: 1896 TO 1947

[Prices are cents per pound, except quicksilver (dollars per flask<sup>1</sup>) and platinum (dollars per ounce)]

YEAR	Copper, electro- lytic (New York)	Lead (New York)	Tin <sup>2</sup> (New York)	Zinc (St. Louis)	Alumi- num, delivered <sup>3</sup>	Anti- mony (New York)	Quick- silver (New York)	Plati- num (New York)
1896-1900.....	<sup>4</sup> 13.41	3.84	19.54	<sup>5</sup> 4.55	37.15	8.204	42.17	<sup>6</sup> 16.66
1901-1905.....	13.877	4.330	28.19	<sup>7</sup> 5.284	33.80	7.398	43.17	19.55
1906-1910.....	15.642	4.780	34.26	5.432	31.12	11.885	44.12	26.58
1911-1915.....	14.973	4.359	41.10	7.205	23.84	12.373	52.77	45.16
1916-1920.....	23.031	7.355	<sup>8</sup> 54.43	8.783	42.14	15.063	105.71	103.54
1921-1925.....	13.474	6.933	42.64	6.189	23.88	9.331	64.76	106.42
1924.....	13.024	8.097	50.18	6.344	27.03	10.836	69.76	118.82
1925.....	14.042	9.020	57.89	7.622	27.19	17.494	83.13	119.09
1926.....	13.795	8.417	65.29	7.337	26.99	15.988	91.90	113.27
1927.....	12.920	6.755	64.35	6.242	25.40	12.393	118.16	84.64
1928.....	14.570	6.305	50.43	6.027	23.90	10.305	123.51	78.58
1929.....	18.107	6.833	45.16	6.512	23.90	8.956	122.15	67.66
1930.....	12.962	5.517	31.69	4.556	23.79	7.667	115.01	45.36
1931.....	8.116	4.243	24.47	3.640	23.30	6.720	87.35	35.67
1932.....	5.555	3.180	21.98	2.876	23.30	5.592	57.93	36.46
1933.....	7.025	3.869	39.12	4.029	23.30	6.528	59.23	30.99
1934.....	8.428	3.860	52.23	4.158	21.58	8.901	73.87	36.47
1935.....	8.649	4.065	50.39	4.328	20.50	13.616	71.99	34.15
1936.....	9.474	4.710	46.42	4.901	20.50	12.240	79.92	42.93
1937.....	13.167	6.009	54.29	6.519	20.08	15.355	90.18	51.77
1938.....	10.000	4.739	42.28	4.610	20.00	12.349	75.47	35.90
1939.....	10.965	5.053	49.11	5.110	20.00	12.359	103.94	36.75
1940.....	11.296	5.179	49.84	6.335	20.00	14.000	176.87	37.92
1941.....	11.797	5.793	52.03	7.474	16.87	14.000	185.02	36.00
1942.....	11.78	6.481	52.00	8.250	15.00	15.559	196.35	36.00
1943.....	11.78	6.500	52.00	8.250	15.00	15.928	195.21	35.08
1944.....	11.75	6.500	52.00	8.250	15.00	15.839	118.36	35.00
1945.....	11.75	6.500	52.00	8.250	15.00	15.839	134.89	35.00
1946.....	<sup>9</sup> 14.04	8.109	54.54	8.726	15.00	17.306	98.24	57.20
1947.....	<sup>9</sup> 21.30	14.673	77.95	10.500	15.00	34.852	83.74	59.09

<sup>1</sup> Flasks of 75 pounds prior to 1927; 76 thereafter.

<sup>2</sup> 99 percent tin, 1896-1919; Straits tin thereafter.

<sup>3</sup> Prices 1896 to 1929 for pure aluminum (No. 1 virgin 98-99 percent); beginning 1930, for 99 percent+ virgin ingot.

<sup>4</sup> Prices 1896 to 1898 are for Lake copper.

<sup>5</sup> Data are for New York zinc.

<sup>6</sup> Average for 1899 and 1900 only.

<sup>7</sup> Average, 1903-05; average for New York zinc 1901-05, 5.058 cents.

<sup>8</sup> Average for 4 years.

<sup>9</sup> Connecticut Valley.

Sources: Engineering and Mining Journal and The Mineral Industry; American Metal Market, annual reports; and The Iron Age, annual review issue.

## No. 829.—MINERAL PRODUCTION, BY STATES AND FOR ALASKA: 1940 TO 1946

[Sum of State totals in table below does not agree with total for United States given in tables 827 and 830 chiefly because (1) figures for certain of products included in United States total are not available by States of origin; (2) use of iron ore values in State totals and pig iron values in United States total; (3) use of mine figures for gold, silver, copper, lead, and zinc in State totals and mint and smelter figures in United States total; and (4) inclusion of estimates in United States total for a few products for which no canvass has been conducted for many years and for which no estimate by States is made]

[Values in thousands of dollars]

DIVISION AND STATE	1940	1941	1942	1943	1944	1945	1946
<b>Continental United States</b> .....	4,446,533	5,587,851	6,154,895	6,589,224	6,979,509	6,397,254	7,796,052
<b>New England</b> .....	24,962	29,915	24,458	21,558	21,357	21,028	23,536
Maine.....	4,375	4,692	3,614	2,720	2,150	2,521	4,389
New Hampshire.....	1,065	1,383	1,211	1,350	1,164	802	1,451
Vermont.....	6,980	8,132	7,266	6,404	7,573	8,249	12,096
Massachusetts.....	7,573	9,293	8,467	5,441	5,263	5,450	9,745
Rhode Island.....	995	1,133	536	898	612	508	561
Connecticut.....	8,914	5,285	5,055	4,835	4,498	3,498	5,554
<b>Middle Atlantic</b> .....	725,121	867,891	984,667	1,015,075	1,106,918	1,059,392	1,232,572
New York.....	76,120	91,583	103,258	68,116	87,838	91,968	108,270
New Jersey.....	33,654	39,075	38,921	37,583	33,828	31,267	33,518
Pennsylvania.....	615,348	737,144	841,847	889,077	985,452	936,157	1,090,784
<b>East North Central</b> .....	605,902	725,363	772,217	770,931	738,589	739,713	881,966
Ohio.....	130,655	104,827	175,549	189,422	192,194	195,756	243,637
Indiana.....	58,975	80,572	89,571	83,513	90,465	89,866	107,800
Illinois.....	277,943	320,510	327,665	322,050	330,961	332,052	355,578
Michigan.....	124,775	142,434	161,434	157,016	152,162	139,832	146,355
Wisconsin.....	13,554	17,021	17,996	18,930	22,796	22,217	28,896
<b>West North Central</b> .....	366,971	475,528	534,199	514,329	436,791	491,467	562,427
Minnesota.....	128,572	178,790	191,650	177,687	170,458	167,156	155,734
Iowa.....	26,007	28,872	28,278	24,187	22,452	25,008	34,962
Missouri.....	50,325	61,545	76,122	72,212	72,980	74,387	87,100
North Dakota.....	2,987	3,328	4,028	4,422	4,393	4,578	5,567
South Dakota.....	23,529	24,502	24,139	8,506	5,472	7,159	18,410
Nebraska.....	4,662	6,499	8,428	6,800	5,050	4,963	7,237
Kansas.....	130,860	171,992	201,454	230,413	217,376	208,264	242,497
<b>South Atlantic</b> .....	451,803	581,931	658,729	746,958	788,275	745,416	837,216
Delaware.....	457	493	402	367	182	131	491
Maryland.....	12,605	17,292	18,384	17,508	15,264	15,329	21,468
District of Columbia.....	640	700	800	100	111	229	710
Virginia.....	50,004	71,341	79,771	85,825	87,001	82,012	92,107
West Virginia.....	329,892	425,626	493,995	564,230	566,423	582,990	632,654
North Carolina.....	21,113	18,915	17,373	22,172	22,199	14,766	20,426
South Carolina.....	5,306	7,246	5,891	4,759	4,192	5,043	8,199
Georgia.....	16,932	21,049	22,009	20,927	19,005	19,988	30,076
Florida.....	14,854	19,269	20,304	25,070	21,896	24,928	31,093
<b>East South Central</b> .....	246,895	325,792	401,733	424,825	468,788	466,753	511,687
Kentucky.....	131,974	169,009	204,294	236,578	278,701	275,487	288,606
Tennessee.....	42,683	56,302	67,224	64,465	63,998	58,676	70,051
Alabama.....	64,996	82,730	100,223	102,564	109,149	110,360	117,764
Mississippi.....	7,240	17,751	29,993	21,178	18,940	22,230	35,266
<b>West South Central</b> .....	1,187,178	1,467,368	1,487,275	1,708,693	1,937,183	2,013,396	2,257,664
Arkansas.....	37,479	47,081	60,337	81,249	68,081	63,256	69,881
Louisiana.....	189,153	228,440	248,439	269,412	288,374	293,963	342,944
Oklahoma.....	235,835	253,764	271,298	254,642	260,837	296,564	326,148
Texas.....	725,008	868,083	909,203	1,103,390	1,319,266	1,359,603	1,518,111
<b>Mountain</b> .....	639,774	626,019	728,405	777,553	736,527	657,827	657,418
Montana.....	76,486	86,583	96,662	91,743	89,082	75,978	68,620
Idaho.....	40,800	45,674	54,290	57,475	51,321	44,848	44,444
Wyoming.....	43,074	52,751	64,070	70,737	74,175	81,101	87,057
Colorado.....	63,188	73,961	95,279	88,534	80,207	77,458	77,900
New Mexico.....	80,970	97,849	106,511	123,905	124,827	115,947	129,044
Arizona.....	85,291	100,473	117,991	124,584	115,592	96,574	118,055
Utah.....	104,393	122,387	146,969	164,159	149,558	129,314	98,774
Nevada.....	42,571	46,341	46,313	56,525	51,800	31,207	35,454
<b>Pacific</b> .....	494,992	548,133	591,117	618,301	653,510	682,672	741,856
Washington.....	28,090	28,507	35,660	37,598	36,483	31,301	33,076
Oregon.....	11,230	12,830	14,066	12,267	9,457	9,483	11,793
California.....	455,672	506,795	541,392	565,441	607,370	621,308	696,997
<b>Alaska</b> .....	29,724	26,809	20,094	9,056	6,903	10,174	12,430

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

## No. 830.—MINERAL PRODUCTS OF THE UNITED STATES—QUANTITIES AND VALUES: 1930 TO 1946

(Short tons are 2,000 pounds; long tons, 2,240 pounds. Data cover continental United States and, for leading products, outlying areas. Certain of the figures represent shipments rather than quantity mined, and some of the figures for 1946 are preliminary. Total values of metallic and nonmetallic products include figures which Bureau of Mines is not at liberty to publish and estimated figures for certain products for which data are not available. In some cases, neither quantity nor value can be shown and these products are not listed here but data for them are included in totals. On the other hand, values for certain products, such as coke, are excluded from totals to eliminate duplication, since values of products derived therefrom, or of raw materials used, are accounted for under other items.)

PRODUCT	QUANTITY						VALUE (THOUSANDS OF DOLLARS)					
	1930	1935	1940	1944	1945	1946	1930	1935	1940	1944	1945	1946
Grand total (approximate)							4,754,800	3,659,000	5,612,900	8,417,000	8,146,000	8,853,000
Total metallic products (approximate)							965,790	733,139	1,678,609	2,340,900	1,974,000	1,823,000
Aluminum	229,037	119,205	412,560	1,653,892	990,120	819,290	50,961	22,070	75,292	222,416	140,864	115,812
Antimonial lead	13,711	18,394	129,752	1,57,902	156,495	150,480	1,383	(1)	(1)	(1)	(1)	(1)
Antimony, metal	11,895	2,134	(1)	(1)	(1)	(1)	1,268	(1)	(1)	(1)	(1)	(1)
Antimony, ore and concentrates		3,616	1,124	12,501	14,966	13,902		(1)	73	563	563	798
Bauxite	330,612	233,912	434,968	1,573,724	1,081,009	1,073,825	1,928	1,557	2,579	14,402	15,591	16,709
Beryllium ore	(1)	(1)	121	388	39	100	(1)	(1)	4	35	6	18
Cadmium												
Metal	2,777,702	3,477,091	6,467,300	8,551,424	7,038,658	6,190,365	1,778	(1)	4,527	6,435	6,107	6,095
Compounds	(1)	(1)	205,900	285,203	451,050	270,769	(1)	(1)	144	214	347	267
Chromite	80	516	2,652	40,740	12,476	3,666	2	6	29	1,008	332	106
Copper, sales value	1,394,389	762,587	1,818,168	2,006,753	1,565,452	1,199,312	181,271	63,205	205,453	235,797	184,723	172,701
Ferro-alloys	728,209	663,237	1,292,600	1,660,966	1,661,657	1,551,624	51,900	46,892	128,128	246,014	210,510	176,274
Gold	2,284	3,400	6,003	1,022	920	1,462	47,248	120,325	210,109	35,773	32,511	51,182
Iron, ore	55,201	33,426	75,196	95,136	88,137	70,040	145,619	53,036	189,087	265,699	245,761	216,006
Iron, pig	33,494	22,719	46,939	60,906	53,265	46,078	512,165	358,145	840,442	1,278,931	1,172,435	1,100,929
Lead (refined), sales value	673,740	310,505	433,085	394,443	356,535	293,309	57,374	24,840	43,307	50,499	45,636	40,276
Magnesium (new ingot)	280	2,121	6,412	146,585	43,496	8,916	269	(1)	3,462	50,141	17,874	3,664
Manganese ore (35% or more Mn)	67,035	26,428	40,123	221,086	162,801	128,246	1,437	557	1,169	9,015	7,320	4,811
Manganiferous ore (8% to 35% Mn)	785,300	524,184	1,136,547	1,328,225	1,359,691	1,045,660	2,402	1,329	3,346	3,926	3,614	3,127
Mercury, metal	21,565	17,518	37,777	37,885	30,703	25,348	2,479	1,261	6,682	4,461	4,160	2,490
Molybdenum	3,759	10,892	25,329	39,423	32,524	16,304	2,058	7,262	17,189	27,999	23,107	11,167
Nickel	308	160	554	985	1,155	352	214	130	(1)	(1)	(1)	(1)
Ores (crude), old tailings, etc.												
Copper	47,362	19,103	69,376	91,064	76,355	61,741						
Lead-copper, zinc-copper, zinc-lead-copper	345	1	93	1,065	1,992	810						
Dry and siliceous (gold and silver)	7,707	14,016	18,700	2,629	1,894	2,965						
Lead	8,060	3,494	6,144	6,805	6,730	5,651						
Zinc-lead	10,645	7,471	12,895	15,415	12,335	12,730						
Zinc	5,960	7,944	9,321	16,470	16,306	14,865						
Platinum, etc., value, N. Y. C.	43,502	42,000	47,330	33,021	33,592	30,217	2,049	1,414	1,886	1,461	1,045	1,303
Selenium	278,306	232,681	268,700	422,906	604,445	400,226	455	(1)	(1)	(1)	(1)	(1)
Silver	50,748	45,934	69,586	35,651	29,063	21,103	19,838	33,008	46,483	26,362	20,997	17,061
Tantalum and columbium ore	6,106	7,661		10,412	6,640	3,476	3	6		26	14	9
Tellurium	4,717	22,610	69,906	46,828	60,326	36,629	8	(1)	(1)	(1)	(1)	(1)

Tin (metallic equivalent)	17	30	40	6	10	50	55	6	7, 800	4, 873
Titanium concentrates (ilmenite).....do			20, 702	200, 791			154	7, 371	7, 359	4, 873
Titanium concentrates (rutile).....do			2, 637	6, 770			343	1, 068	870	997
Titanium concentrates (rutile).....do			5, 319	10, 263			6, 376	14, 407	7, 623	6, 263
Tungsten ore (60 percent concentrates).....do			2, 031	3, 527	500	1, 921	(*)	1, 690	1, 787	711
Vanadium.....1,000 pounds			569, 968	574, 453	44, 979	30, 373	74, 338	195, 306	190, 838	81, 738
Zinc, sales value.....short tons								6, 077, 000	5, 166, 000	7, 036, 000
Total nonmetallic products (approximate)										
Arsenious oxide.....short tons	17, 426	12, 670	23, 339	24, 472	1, 005	497	551	1, 697	1, 197	678
Asbestos.....do	4, 242	8, 920	20, 090	6, 637	289	253	675	380	446	505
Asphalt, native.....do	702, 777	349, 988	500, 281	789, 516	4, 463	2, 201	2, 768	3, 601	3, 816	4, 263
Asphalt, oil (including road oil).....do	2, 167, 068	2, 715, 104	5, 202, 950	6, 408, 766	20, 851	24, 112	41, 309	70, 311	68, 930	82, 911
Barite (crude).....do	234, 932	225, 111	409, 353	518, 617	1, 538	1, 281	2, 697	3, 565	6, 840	5, 343
Boron minerals.....do	177, 360	272, 967	243, 353	277, 596	5, 382	5, 283	5, 643	5, 590	7, 635	9, 876
Bromine.....do	8, 463	16, 429	56, 246	102, 112	2, 110	3, 483	11, 773	19, 713	14, 796	3, 560
Calcium-magnesium chloride (75 percent NaCl).....do	116, 160	83, 546	99, 530	200, 964	2, 308	1, 039	996	1, 621	1, 818	2, 279
Cement.....short tons	160, 846	76, 244	182, 864	95, 592	231, 249	114, 810	193, 465	151, 997	175, 431	206, 549
Clay products.....do					275, 134	155, 536	114, 000	65, 473	65, 276	178, 755
Clay, raw (sold by producers).....1,000 short tons	2, 963	2, 923	4, 701	6, 275	12, 521	10, 824	18, 182	23, 525	30, 763	57, 160
Coal, bituminous.....do	467, 526	372, 373	11, 403, 772	619, 576	795, 483	658, 063	11, 879, 327	1, 510, 901	1, 768, 204	1, 805, 153
Coal, Pennsylvania anthracite.....do	69, 265	52, 156	51, 463	63, 701	954, 574	210, 131	205, 490	354, 563	323, 944	413, 417
Coke.....do	47, 972	35, 141	57, 072	74, 038	209, 127	178, 853	272, 832	527, 923	508, 540	486, 729
Emery.....short tons	171, 788	189, 550	1, 046	6, 940	6	2	9	65	70	62
Feldspar (crude).....long tons	95, 849	123, 741	233, 600	327, 408	1, 067	1, 906	1, 272	1, 814	2, 022	2, 894
Fluorapatite.....short tons	335, 644	227, 745	146, 508	294, 737	1, 747	1, 861	4, 745	12, 003	9, 897	9, 039
Fuller's earth.....do	3, 006	3, 000	4, 716	(*)	4, 827	2, 230	1, 471	3, 297	3, 464	3, 703
Garnet for abrasive purposes.....do	1, 941	(*)	(*)	5, 768	314	267	(*)	(*)	375	570
Graphite, amorphous.....do	(*)	(*)	(*)	(*)	(*)	(*)	(*)	360	269	253
Graphite, crystalline.....do	16, 700	14, 697	2, 333	(*)	771	506	496	(*)	(*)	505
Gypsum.....1,000 short tons	2, 471	1, 904	2, 899	3, 701	27, 051	13, 800	5, 226	6, 451	6, 084	12, 442
Helium.....M cu. ft	9, 806	10, 218	9, 451	137, 268	128, 441	114	85	6, 873	(*)	(*)
Iodine.....pounds	(*)	246, 606	(*)	(*)	(*)	249	(*)	(*)	(*)	(*)
Kyanite.....short tons	(*)	(*)	4, 241	(*)	(*)	(*)	94	(*)	(*)	(*)
Lime.....1,000 short tons	3, 398	3, 967	4, 867	6, 474	26, 616	21, 749	33, 950	48, 638	45, 918	51, 033
Lithium minerals.....short tons	1, 797	1, 154	2, 011	13, 319	36	27	81	553	288	304
Magnesite (crude).....do	129, 326	177, 154	353, 166	361, 450	1, 033	1, 192	2, 488	4, 407	2, 325	2, 226
Magnesium oxide, hydrated (brockite).....1,000 pounds	73, 255	109, 602	216, 532	1, 023, 158	1, 071	1, 287	2, 453	13, 304	9, 675	8, 316
Magnesium oxide, natural.....do	34, 012	68, 062	25, 516	178, 036	113	97	42	172	188	249
Mari, calcareous.....short tons	12, 761	7, 589	6, 697	4, 908	221	230	390	505	478	425
Mari, greenand.....do	6, 732	18, 852	22, 396	51, 727	109	244	315	1, 089	812	1, 041
Mica, scrap.....do	1, 465	937	1, 025	1, 523	177	161	292	3, 263	737	218
Mica, sheet.....1,000 pounds					18	10	7	10	15	15
Millstones.....do										

For footnotes, see p. 747.





<sup>1</sup> From both domestic and foreign ores. Beginning 1935, data represent antimonial lead produced at primary refineries from both primary and secondary sources, and are not comparable with data for prior years; estimate of value of primary antimony and lead content of antimonial lead from domestic sources included in total value of metallic products.

<sup>2</sup> Content of antimonial lead. Value of the antimony in antimonial lead excluded from total value.

<sup>3</sup> Largely from foreign ore beginning 1935. Value not included in total value. Bureau of Mines not at liberty to publish value figures or quantity figures for 1940-1946.

<sup>4</sup> Figures not available or Bureau of Mines not at liberty to publish them; value included in total value of metallic or nonmetallic products.

<sup>5</sup> Represents dried bauxite equivalent.

<sup>6</sup> Product from domestic ores only.

<sup>7</sup> Value does not include premiums paid miners by the Government. Total premiums for copper, lead, and zinc amounted to approximately \$83,000,000 in 1944, \$79,000,000 in 1945, and \$77,000,000 in 1946.

<sup>8</sup> According to Bureau of the Mint; valued at \$20.67+ per ounce through 1930, at \$35 per ounce in 1935 and subsequent years.

<sup>9</sup> Value not included in total value; see headnote.

<sup>10</sup> Value calculated at nominal price, 27 cents per pound.

<sup>11</sup> Figures not available. Value of products derived therefrom, or of raw materials used, is included elsewhere.

<sup>12</sup> According to Bureau of the Mint.

<sup>13</sup> Figures obtained through cooperation with Bureau of the Census. For 1940, total is estimate based on figures issued by Bureau of the Census as somewhat incomplete. For 1944-45 there was no canvass; total for clay products is estimate by Bureau of Mines; no

estimate was made for sand-lime brick. Value of clay products excludes values of pottery and refractories for 1940 and subsequent years.

<sup>14</sup> Includes brown coal and lignite, and anthracite mined elsewhere than in Pennsylvania.

<sup>15</sup> Quantities as reported by Department of the Interior, National Bituminous Coal Division; values include selling expenses.

<sup>16</sup> Gypsum mined; For 1940 and subsequent years, value of crude at mine; for earlier years, value as sold (crude and calcined).

<sup>17</sup> Figures cover fiscal year ending June 30 of year stated.

<sup>18</sup> Beginning 1935, includes mica recovered by grinding mica schist; excluded in prior years shown.

<sup>19</sup> Figures not available; value of iron ore sold for paint included in total value of non-metallic products.

<sup>20</sup> Includes sublimed blue lead, sublimed white lead, leaded zinc oxide, and zinc oxide except that in 1946 data for sublimed blue and white lead are excluded but value is included in total value of nonmetallic products.

<sup>21</sup> Figures not available.

<sup>22</sup> No canvass. Estimate of value included in total value of nonmetallic products.

<sup>23</sup> Includes soapstone used as dimension stone.

<sup>24</sup> From copper and zinc smelters and zinc roasters and from roasting of high-sulfide gold and silver concentrates.

<sup>25</sup> For 1930 figures exclude soapstone. For 1935 and thereafter, figures cover talc, pyrophyllite, and ground soapstone. Dimension soapstone is included in stone. Value of soapstone in 1930 is included in total value of nonmetallic products; Bureau of Mines not at liberty to publish figures.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

Line number	INDUSTRY	Number of operating companies <sup>1</sup>	Number of mines, quarries, and wells	Number of preparation plants	Quantity of major product (tons of 2,000 pounds except as noted)	Value of all products (thousands of dollars) <sup>2</sup>	NUMBER OF PERSONS ENGAGED			
							Total	Wage earners (average for year) <sup>3</sup>	Salaries employees <sup>4</sup>	Proprietors and firm members <sup>5</sup>
1	All operations.....	30,327	361,202	5,450	( <sup>6</sup> )	\$3,430,269	878,180	778,032	82,808	16,239
2	Producing operations.....	18,920	361,040	5,418	( <sup>6</sup> )	3,221,927	827,410	736,150	77,619	14,241
3	Fuels, total.....	13,345	363,969	1,291	( <sup>6</sup> )	2,392,754	635,506	556,956	57,509	11,641
4	Crude petroleum and natural gas.....	7,782	347,645		( <sup>7</sup> )	1,375,954	141,692	105,166	30,822	0,104
5	Natural gasoline.....	295		734	2,141,779	96,338	10,347	8,332	2,005	10
6	Bituminous coal.....	5,009	5,686	365	391,728,869	727,355	398,308	369,166	19,656	4,400
7	Lignite.....	130	131		2,978,046	3,457	1,739	1,480	115	144
8	Pennsylvania anthracite <sup>11</sup>	340	507	192	51,865,328	169,648	88,520	82,822	5,411	287
9	Metallic ores, total.....	1,733	1,992	678	( <sup>6</sup> )	515,068	99,608	86,394	10,110	1,104
10	Iron ore.....	100	177	41	51,645,269	150,872	22,397	20,137	2,228	32
11	Major nonferrous metallic ores.....	1,487	1,640	508	( <sup>6</sup> )	338,092	72,544	64,232	7,337	975
12	Gold, total.....	1,124	1,180	329	( <sup>6</sup> )	114,090	23,308	20,507	2,089	802
13	Lode gold.....	820	841	329	( <sup>6</sup> )	85,063	19,432	17,279	1,612	549
14	Placer gold.....	306	339	( <sup>12</sup> )	( <sup>6</sup> )	28,027	3,965	3,228	477	260
15	Silver ore.....	150	163	32	( <sup>6</sup> )	19,716	4,697	4,244	368	85
16	Copper ore.....	35	51	27	( <sup>6</sup> )	141,635	26,752	23,844	2,908	
17	Lead ore.....	62	76	29	( <sup>6</sup> )	31,467	8,015	6,984	998	33
18	Zinc ore.....	138	170	91	( <sup>6</sup> )	31,184	9,582	8,653	974	55
19	Other nonferrous metallic ores.....	153	175	129	( <sup>6</sup> )	26,045	4,667	4,025	545	97
20	Bauxite.....	10	12	11	388,000	2,527	827	727	100	
21	Chromite and antimony ore.....	4	8	1	3,417	47	40	31	8	1
22	Manganese ore.....	26	34	14	47,672	945	557	504	41	12
23	Mercury.....	64	61	56	18,222	1,890	721	602	74	45
24	Molybdenum ore.....	5	5	5	21,098	15,411	1,025	910	112	8
25	Titanium ore.....	2	3	3	16,471	456	196	168	13	
26	Tungsten ore.....	35	49	31	3,214	3,354	855	690	134	31
27	Vanadium and uranium ore.....	8	8	6	108,846	1,473	445	378	63	
28	Stone, total.....	1,521	1,929	1,369	133,991,959	117,084	41,302	37,287	3,158	857
29	Crushed and broken.....	1,183	1,533	1,335	130,240,936	101,581	34,350	30,937	2,770	643
30	Rough dimension.....	345	396	34	3,751,023	15,453	6,952	5,350	388	214
31	Limestone, total.....	965	1,256	1,041	109,777,773	80,656	28,312	25,619	2,129	596
32	Crushed, etc.....	911	1,192	1,028	108,436,772	77,147	27,055	24,482	2,031	542
33	Rough dimension.....	55	64		1,341,001	3,509	1,257	1,137	98	22
34	Granite, total.....	199	242	86	7,480,299	12,876	4,913	4,417	394	112
35	Crushed, etc.....	59	79	74	6,500,177	7,080	2,354	2,100	232	22
36	Rough dimension.....	141	163	12	960,122	5,846	2,559	2,317	153	90
37	Basalt, total.....	101	120	116	9,822,020	9,658	2,226	1,910	278	85
38	Crushed, etc.....	97	116	115	9,801,339	9,622	2,196	1,896	278	84
39	Rough dimension.....	4	4	1	20,681	36	28	24		6
40	Sandstone, total.....	117	127	56	3,295,036	4,445	1,910	1,737	132	47
41	Crushed, etc.....	60	68	50	2,522,789	2,930	1,246	1,134	98	14
42	Rough dimension.....	57	59	6	772,247	1,515	670	603	34	33

<sup>1</sup> Companies with operations in more than 1 industry are counted only once in totals.

<sup>2</sup> See note 3, table 833. <sup>3</sup> See note 4, table 833. <sup>4</sup> See note 5, table 833. <sup>5</sup> See note 6, table 833.

<sup>6</sup> Represents permanent additions and major alterations (including installation costs); minor additions and replacements and cost of land are excluded.

<sup>7</sup> See note 9, table 833.

<sup>8</sup> Not shown because of dissimilar products.

<sup>9</sup> Includes amounts received by or due contractors for services performed during year.

<sup>10</sup> Includes statistics for 334 salaried employees paid \$1,091,000 at central offices that served more than 1 mineral industry.

<sup>11</sup> Contractors performing oil- and gas-field services were not asked to report expenditures for supplies and materials, fuel, purchased electric energy, or contract work, and contractors performing general services for mineral industries were not asked to report expenditures for contract work. These expenditures are not included in totals shown. Expenditures by "Contract-service operations" duplicate in part expenditures for "Contract work" reported by producing operations.

<sup>12</sup> Oil- and gas-field contractors were not asked to report expenditures for buildings, machinery, and equipment, and contractors performing general services for mineral industries were asked to report only combined expenditures for these items, which amounted to \$150,000. These expenditures are not included in totals shown.

<sup>13</sup> Crude petroleum, 1,228,133,816 barrels (42 gallons); natural gas, 2,929,184,829 M cubic feet, of which 2,327,412,386 M cubic feet were marketed.

<sup>14</sup> Thousands of gallons.

<sup>15</sup> Includes data for 58 strip-pit and culm-bank contractors.

## SUMMARY, BY INDUSTRIES: 1939

table 339]

Total man-hours worked by wage earners (thousands)	PRINCIPAL EXPENSES DESIGNATED BELOW (THOUSANDS OF DOLLARS)							COST OF BUILDINGS, MACHINERY, AND EQUIPMENT ERECTED OR INSTALLED DURING YEAR (THOUSANDS OF DOLLARS) *		Aggregate horsepower rating of prime movers and electric motors driven by purchased energy †	Line number
	Total	Wages	Salaries	Supplies and materials	Fuel	Purchased electric energy	Contract work	Buildings	Machinery and equipment		
1,296,611	1,829,398	975,442	208,339	307,390	50,965	59,245	219,365	27,435	263,697	14,323,908	1
1,224,787	1,747,282	915,558	189,355	306,297	50,374	68,892	206,805	27,020	261,475	13,045,784	2
875,806	1,324,284	707,649	140,306	200,809	35,318	38,338	202,174	18,121	228,594	8,543,120	3
190,078	533,947	155,170	78,792	78,037	19,460	6,739	195,748	9,588	168,578	3,386,341	4
16,634	37,856	13,212	5,052	8,653	6,000	355	3,084	1,400	11,500	772,802	5
542,100	894,512	430,427	44,120	88,064	5,291	24,711	1,898	5,303	25,256	3,326,209	6
3,027	2,182	1,384	219	342	■	145	11	16	94	21,053	7
123,960	155,787	107,446	12,123	25,412	3,887	6,399	18,532	1,753	3,196	1,037,216	8
186,060	250,682	125,411	26,404	67,698	10,212	18,527	2,431	5,284	17,668	2,196,013	9
38,167	50,183	27,201	5,794	10,621	2,267	4,068	217	770	3,603	573,296	10
141,489	189,479	93,199	19,187	53,969	7,290	13,798	2,036	4,136	12,917	1,537,602	11
48,980	63,111	32,563	5,166	17,369	2,101	4,796	1,117	1,775	7,309	396,549	12
40,842	50,224	26,931	4,004	13,588	1,402	3,323	976	1,640	3,579	286,115	13
8,088	12,887	5,631	1,162	3,780	699	1,473	142	135	3,790	110,434	14
9,036	10,213	6,004	895	2,502	178	573	61	161	391	43,260	15
51,241	75,703	34,486	8,078	23,562	4,168	4,899	511	1,822	4,084	752,707	16
14,085	19,922	9,921	2,848	4,897	367	1,851	137	144	470	153,248	17
18,198	20,530	10,225	2,301	5,639	677	1,679	209	234	603	151,836	18
8,384	11,219	5,012	1,422	3,308	658	645	178	378	1,048	85,115	19
1,176	1,380	578	241	269	187	60	46	20	180	13,290	20
59	75	42	12	11	3	0	—	7	27	686	21
959	805	483	84	162	37	40	—	3	35	5,035	22
1,388	1,289	737	155	222	138	34	3	66	185	8,388	23
1,987	4,120	1,435	534	1,713	39	358	42	30	77	33,981	24
322	270	140	42	38	15	35	(n)	15	72	2,251	25
1,614	2,241	1,100	241	648	97	114	42	100	296	14,660	26
879	1,038	497	112	244	140	—	45	77	■	6,824	27
74,665	72,696	37,591	6,953	16,961	4,756	5,534	873	1,203	5,373	1,096,449	28
62,366	63,349	31,492	6,163	15,733	4,309	4,867	786	1,155	5,047	901,604	29
12,299	9,348	6,099	820	1,228	447	667	87	■	325	136,045	30
51,101	50,353	26,167	4,638	11,584	3,466	3,800	649	898	4,210	790,138	31
48,901	48,544	24,903	4,453	11,425	3,404	3,684	675	886	4,141	756,332	32
2,200	1,811	1,264	185	159	62	117	25	9	60	33,806	33
8,641	8,146	4,156	937	1,956	392	656	50	109	415	106,248	34
4,574	4,343	1,782	573	1,405	223	334	26	76	200	48,142	35
4,267	3,803	2,373	364	551	169	321	24	33	156	67,106	36
4,037	5,416	2,465	651	1,346	418	504	32	137	286	96,713	37
4,001	5,396	2,452	651	1,344	413	503	32	137	284	96,211	38
39	21	13	—	2	6	1	—	(n)	2	502	39
2,181	2,969	1,651	230	742	190	137	30	23	92	25,502	■
1,990	2,027	1,084	174	519	123	105	23	23	69	34,991	41
1,141	942	567	56	223	56	82	7	(n)	23	10,511	42

\* Excludes, to avoid duplication, \$10,618,000 paid strip-pit and culm-bank contractors by colliery companies.

† Tons of 2,240 pounds.

\* Recoverable metals contained:

Industry	Gold (fine ounces)	Silver (fine ounces)	Copper (pounds)	Lead (pounds)	Zinc (pounds)
Major nonferrous metallic ores, total	3,867,632	62,726,783	1,434,481,327	800,010,656	1,131,548,549
Lode gold	2,455,725	6,985,914	5,978,207	■	2,295,133
Placer gold	824,555	96,896	—	—	—
Silver ore	96,296	31,008,891	31,071,853	40,345,076	9,215,066
Copper ore	429,518	13,138,381	1,385,985,076	14,431,555	52,840,656
Lead ore	40,660	9,433,615	10,313,111	602,316,964	181,872,086
Zinc ore	20,888	2,073,086	1,183,051	122,091,070	994,326,616

\* Data not available separately.

\* Flasks of 76 pounds.

\* Dried bauxite equivalent. Tons of 2,240 pounds.

\* Less than \$501.

\* 80 percent WO<sub>3</sub>.

## No. 831.—MINERAL INDUSTRIES—SUMMARY.

Line number	INDUSTRY	Number of operating companies	Number of mines, quarries, and wells	Number of preparation plants	Quantity of major product (tons of 2,000 pounds except as noted)	Value of all products (thousands of dollars) <sup>2</sup>	NUMBER OF PERSONS ENGAGED		
							Total	Wage earners (average for year) <sup>3</sup>	Salaries employees <sup>4</sup>
1	Slate, total	70	70	11	683,900	4,163	1,516	1,341	115
2	Crushed and broken	6	11	11	308,268	2,137	450	407	43
3	Rough dimension	64	68		375,632	2,025	1,066	994	72
4	Marble, total	31	44	8	316,155	2,709	1,462	1,406	41
5	Crushed and broken	6	6	5	34,815	177	80	70	9
6	Rough dimension	25	28	3	281,340	2,532	1,372	1,335	32
7	Miscellaneous, crushed and broken		61	52	2,638,776	2,528	967	638	79
8	Sand and gravel, total	1,251	1,563	1,528	122,547,974	76,462	20,573	18,968	2,515
9	Common sand and gravel	1,129	1,380	1,383	116,543,448	69,130	17,740	16,384	2,445
10	Glass sand	32	39	40	3,175,417	6,136	1,527	1,280	242
11	Foundry sand	97	144	106	2,829,111	4,136	1,306	1,008	131
12	Clay and shale, total	523	1,061	265	21,722,410	24,547	11,624	10,648	746
13	Kaolin and ball clay	75	95	53	1,049,810	7,329	3,400	3,168	296
14	Fire clay	200	306	44	4,200,729	7,178	4,018	3,655	265
15	Common clay and shale	517	609	70	16,061,529	6,341	3,043	2,906	61
16	Fuller's earth	21	22	18	186,961	2,107	680	562	116
17	Bentonite	27	29	20	223,381	1,962	423	357	62
18	All other, total	439	526	247	( <sup>5</sup> )	92,881	18,483	15,906	2,239
19	Asbestos	9	9	7	15,423	492	172	160	9
20	Barite	37	47	32	348,022	2,065	870	792	62
21	Diatomite	14	14	12	98,461	2,018	370	299	62
22	Feldspar	47	60	2	<sup>17</sup> 214,000	961	606	512	54
23	Fluorspar	60	61	53	305,557	2,398	1,448	1,287	109
24	Graphite, lithium minerals, pinites, and Iceland spar	6	6	2	( <sup>5</sup> )	96	48	36	10
25	Greensand	4	3	4	4,054	265	95	79	15
26	Gypsum	34	59	25	3,302,208	4,599	1,431	1,227	97
27	Kyanite, andalusite, and dumortierite	7	8	5	3,730	139	101	83	16
28	Magnetite and brucite	3	4	1	163,349	1,896	226	216	12
29	Mica	22	21	10	29,731	327	221	190	20
30	Native asphalt and bitumens	28	23	15	494,864		860	730	123
31	Natural abrasives	23	41	31	101,476	1,295	435	366	45
32	Natural sodium compounds	10	12	9	255,365	2,067	643	533	
33	Peat	23	25	23	55,556	378	195	157	27
34	Phosphate rock	23	40	50	<sup>17</sup> 3,957,884	12,286	3,796	3,372	392
35	Potash	5	5	4	531,621	13,964	1,801	1,516	284
36	Pyrites	6	5	4	<sup>17</sup> 169,700	602	209	189	15
37	Rock salt	17	17	17	2,046,880	6,696	1,565	1,380	181
38	Sulfur	8	10	2	<sup>17</sup> 2,091,179	31,812	2,025	1,517	307
39	Talc and soapstone	20	28	26	253,992	3,289	1,184	970	167
40	Tripoli	9	12	8	28,995	427	159	139	20
41	Vermiculite	7	7	5		150	64	56	6
42	Contract-service operations <sup>24</sup>	2,067				<sup>25</sup> 208,332	45,596	41,426	5,279
43	Oil- and gas-field services	1,888				<sup>26</sup> 203,844	45,939	40,061	5,153
44	General services for mineral industries	179				<sup>27</sup> 4,428	1,656	1,365	126
45	Nonproducing operations <sup>28</sup>	453	162	32			2,175	1,426	511

<sup>1</sup> Companies with operations in more than one industry are counted only once in totals.<sup>2</sup> See note 3, table 833.<sup>3</sup> See note 4, table 833.<sup>4</sup> See note 5, table 833.<sup>5</sup> See note 6, table 833.<sup>6</sup> Represents permanent additions and major alterations (including installation costs); minor additions and replacements and the cost of land are excluded.<sup>7</sup> See note 6, table 833.<sup>8</sup> Not shown because of dissimilar products.<sup>9</sup> Contractors performing oil- and gas-field services were not asked to report expenditures for supplies and materials, fuel, purchased electric energy, or contract work, and contractors performing general services for mineral industries were not asked to report expenditures for contract work. These expenditures are not included in totals shown. Expenditures by "Contract-service operations" duplicate in part the expenditures for "Contract work" reported by producing operations.<sup>10</sup> Oil- and gas-field contractors were not asked to report expenditures for buildings, machinery, and equipment, and contractors performing general services for mineral industries were asked to report only combined expenditures for these items, which amounted to \$150,000. These expenditures are not included in totals shown.<sup>11</sup> Tons of 2,240 pounds.<sup>12</sup> Less than \$501.

## BY INDUSTRIES: 1939—Continued

NUMBER OF PERSONS EMPLOYED— con.	Total man- hours worked by wage earners (thou- sands)	PRINCIPAL EXPENSES DESIGNATED BELOW (THOUSANDS OF DOLLARS)							COST OF BUILD- INGS, MACHIN- ERY, AND EQUIP- MENT ERECTED OR INSTALLED DURING YEAR (THOUSANDS OF DOLLARS) *		Aggregate horse- power rating of prime movers and electric motors driven by pur- chased energy †	Line number
		Total	Wages	Sal- aries	Sup- plies and ma- terials	Fuel	Pur- chased electric energy	Con- tract work	Build- ings	Ma- chinery and equip- ment		
60	2,611	2,747	1,252	232	881	113	242	26	5	72	29,554	1
	803	1,420	426	93	716	39	138	8		24	12,594	2
60	1,806	1,327	825	139	165	74	104	20	5	48	18,960	3
5	2,973	1,543	1,100	105	139	87	101	11	1	30	18,247	4
1	137	99	44	30	11	6	8			2	2,067	5
5	2,846	1,444	1,057	75	127	81	92	11	1	28	16,100	6
30	1,970	1,521	800	190	314	101	95	23	34	165	21,247	7
794	25,786	42,683	18,822	5,393	8,493	4,432	3,506	537	1,030	5,302	699,215	8
711	31,324	37,190	16,482	5,447	7,432	4,156	3,273	309	870	4,780	643,026	9
5	2,667	3,568	1,456	600	747	322	366	77	124	324	29,154	10
80	1,794	1,925	684	246	314	154	166	62	35	197	27,035	11
316	18,848	15,773	8,735	1,675	2,918	1,252	705	487	308	1,559	147,696	12
26	5,967	4,269	1,830	637	896	530	241	135	203	1,017	32,777	13
108	5,642	4,873	3,366	499	622	115	130	143	34	153	31,840	14
76	5,481	4,213	2,793	94	629	384	214	99	40	219	61,526	15
2	1,051	1,460	438	308	374	164	95	72	17	68	14,795	16
4	687	966	309	157	396	59	28	38	15	103	6,958	17
227	31,548	39,871	17,358	6,508	9,518	4,206	1,983	394	1,074	2,981	362,892	18
3	344	320	151	18	86	22	40	3	7	13	4,179	19
16	1,439	1,166	597	155	246	94	52	21	31	96	10,452	20
9	751	1,101	338	138	446	96	83		34	45	6,646	21
39	1,016	618	383	113	51	28	8	5	7	39	5,668	22
49	2,568	2,104	1,134	228	508	118	61	57	106	455	20,506	23
2	63	63	26	13	16	3	4	1	1	1	579	24
2	146	154	57	30	34	22	1				709	25
7	2,466	2,571	1,540	217	624	37	145	6	27	277	28,538	26
2	165	131	68	31	18	8	6		2	32	1,874	27
	437	432	300	94	90	5	11	11	1	39	1,820	28
11	361	190	118	20	25	10	16	(28)	1	9	1,696	29
7	1,330	1,306	608	285	217	68	28	1	26	69	12,966	30
24	711	692	349	106	148	55	34	(28)	13	37	6,147	31
5	1,070	1,994	779	314	429	251	198	24	131	146	16,066	32
11	246	184	101	43	21	15	4	(28)	8	18	2,759	33
12	6,680	7,012	2,871	858	1,503	828	931	23	109	470	112,531	34
1	3,318	6,462	2,666	997	1,007	1,174		18	246	545	44,600	35
5	348	384	204	37	95	7	34	8	8	15	2,525	36
4	2,606	3,143	1,434	540	868	153	151	3	149	212	23,002	37
1	3,031	7,408	2,545	1,911	1,690	1,128	15	116	84	297	45,135	38
17	2,068	2,017	907	382	619	45	162	2	62	102	12,049	39
	284	220	116	34	46	16	8		22	34	1,595	40
	91	95	54	11	10	18		4	5	6	1,048	41
1,890	69,159	74,226	58,085	16,157	624	335	25	(11)	(12)	(13)	1,148,201	42
1,735	65,479	71,289	55,419	14,870	(11)	(11)	(11)	(11)	(12)	(13)	1,096,381	43
165	2,560	2,937	1,666	287	624	335	25	(11)	(12)	(13)	51,820	44
208	2,744	7,890	1,799	886	1,050	255	328	3,552	415	1,622	129,973	45

\* Contractors engaged chiefly in development work for other concerns in mineral industries; Pennsylvania anthracite strip-pit and culm-bank contractors are excluded. Statistics for contractors performing oil- and gas-field services exclude data for oil- and gas-field work performed on contract by concerns that also operated oil and gas wells for their own account unless separate reports were obtained for each of these two types of activities. Statistics are also excluded for concerns rendering oil- and gas-field services or producing crude petroleum, natural gas, or natural gasoline whose reports covering these activities indicated that neither the value of products and services rendered, nor reported principal expenses, nor cost of buildings, machinery, and equipment, nor cost of drilling and equipping wells amounted to as much as \$2,500 during 1939. Statistics for contractors performing general services for mineral industries exclude data for contractors that received or were due less than \$2,500 for work done during 1939.

† Represents amounts received or due for services performed during year.

‡ Statistics cover, in general, only those operations that had reported principal expenses or cost of buildings, machinery, and equipment during year of at least \$2,500; for common sand and gravel corresponding minimum was \$15,000. Statistics include data for oil- and gas-field operations in States in which the reporting concerns had no products, provided the concerns were large enough to come within the scope of the census as defined in head-note of table B33.

Source: Dept. of Commerce, Bureau of the Census; reports of Census of Mineral Industries, 1939, Vol. I.

## No. 832.—MINERAL INDUSTRIES—SUMMARY, BY STATES: 1939

[Statistics cover producing operations only. For explanations of terms, see headnote, table 833, and appropriate footnotes, tables 831 and 833]

STATE	Number of operating companies	Number of mines and quarries	Number of oil and gas wells producing, Dec. 31, 1939	Number of preparation plants	Value of all products (thousands of dollars)	NUMBER OF PERSONS ENGAGED				Total man-hours worked by wage earners (thousands)
						Total	Wage earners (average for year)	Sal- aried em- ploy- ees	Proprie- tors and firm mem- bers	
United States.....	18,920	13,395	347,645	5,418	3,221,927	827,410	736,150	77,019	14,241	1,224,707
Alabama.....	282	340	-----	106	41,685	27,078	25,661	1,181	236	39,603
Arizona.....	164	172	-----	57	54,127	10,432	9,335	981	116	21,944
Arkansas.....	261	140	2,987	52	25,345	6,456	5,821	480	155	8,935
California.....	1,642	771	16,657	474	364,619	37,805	30,252	6,604	949	62,635
Colorado.....	486	544	223	107	52,059	14,884	13,259	1,288	337	22,912
Connecticut.....	52	63	-----	44	2,917	725	635	71	19	1,370
Delaware.....	9	9	-----	7	242	86	68	15	3	130
Florida.....	68	83	-----	83	11,155	3,480	3,070	385	25	5,905
Georgia.....	92	106	-----	61	8,077	3,910	3,646	224	40	7,373
Idaho.....	98	105	-----	48	21,918	4,989	4,550	384	55	9,507
Illinois.....	1,006	783	16,981	287	187,219	44,724	39,920	3,971	833	61,212
Indiana.....	483	455	1,885	153	35,443	12,588	11,250	978	300	18,258
Iowa.....	365	383	-----	91	10,816	6,260	5,580	339	341	8,583
Kansas.....	748	212	20,238	124	77,531	13,327	11,290	1,475	562	19,572
Kentucky.....	637	618	9,868	126	91,285	54,001	51,278	2,370	353	73,656
Louisiana.....	451	40	6,529	62	121,202	11,782	9,645	1,925	212	18,648
Maine.....	33	34	-----	11	896	439	379	41	19	659
Maryland and Dist. of Col.....	144	171	-----	58	8,451	3,876	3,526	236	114	5,952
Massachusetts.....	102	112	-----	87	5,230	1,617	1,206	362	49	2,512
Michigan.....	463	173	3,002	106	75,397	16,144	14,293	1,566	285	27,426
Minnesota.....	110	170	-----	83	98,711	8,027	6,716	1,255	56	12,971
Mississippi.....	49	45	47	37	2,139	644	551	80	13	1,106
Missouri.....	387	456	132	157	27,167	11,066	9,258	1,531	277	16,422
Montana.....	444	296	2,067	70	44,173	11,738	10,114	1,284	340	19,560
Nebraska.....	37	64	-----	47	1,323	557	463	60	34	1,030
Nevada.....	265	279	-----	90	25,171	5,714	5,026	538	180	11,162
New Hampshire.....	24	26	-----	13	653	316	266	41	9	535
New Jersey.....	117	135	-----	108	14,124	4,010	3,369	609	32	6,451
New Mexico.....	241	100	2,981	30	55,559	8,266	7,340	792	134	13,463
New York.....	419	286	14,729	217	40,278	8,887	6,817	1,679	391	14,254
North Carolina.....	85	111	-----	60	4,257	1,997	1,787	178	32	3,720
North Dakota.....	105	106	-----	4	2,503	1,078	874	86	118	1,724
Ohio.....	1,189	1,102	15,011	334	63,221	28,028	24,579	2,351	1,098	40,751
Oklahoma.....	1,302	235	50,384	223	196,803	30,949	23,279	6,839	831	42,495
Oregon.....	114	123	-----	80	5,120	1,485	1,257	158	70	2,548
Pennsylvania.....	2,524	2,271	65,494	658	458,038	207,494	192,026	13,142	2,326	294,101
Rhode Island.....	20	21	-----	16	828	259	212	36	11	435
South Carolina.....	34	44	-----	23	3,457	1,400	1,291	97	12	2,756
South Dakota.....	57	55	2	23	22,680	2,924	2,633	264	27	5,960
Tennessee.....	220	256	41	88	22,133	12,578	11,723	739	116	19,578
Texas.....	2,891	192	89,568	282	555,208	52,149	38,420	11,819	1,910	71,269
Utah.....	160	183	7	38	62,791	10,789	9,446	1,278	65	18,294
Vermont.....	60	77	-----	21	5,348	1,735	1,574	121	40	3,148
Virginia.....	221	253	-----	113	34,436	20,122	18,988	1,041	93	28,955
Washington.....	146	165	12	77	13,688	4,317	3,864	343	110	6,553
West Virginia.....	1,041	793	26,137	239	222,780	107,488	101,815	4,934	739	155,554
Wisconsin.....	131	153	-----	126	8,176	2,396	2,093	229	74	4,177
Wyoming.....	146	89	2,673	17	35,548	6,394	5,705	619	70	8,855



## No. 832.—MINERAL INDUSTRIES—SUMMARY, BY STATES: 1939—Continued

STATE	PRINCIPAL EXPENSES DESIGNATED BELOW (THOUSANDS OF DOLLARS)							COST OF BUILDINGS, MACHINERY, AND EQUIPMENT ERECTED OR INSTALLED DURING YEAR (THOUSANDS OF DOLLARS)		Aggregate horse power rating of prime movers and electric motors driven by purchased energy
	Total	Wages	Salaries	Supplies and materials	Fuel	Purchased electric energy	Contract work	Buildings	Machinery and equipment	
United States.....	1,747,282	915,558	189,355	306,297	60,374	68,892	206,805	27,020	261,475	13,045,784
Alabama.....	34,253	23,674	2,666	5,846	483	1,342	242	549	2,307	253,211
Arizona.....	30,604	14,495	2,492	10,428	2,012	1,059	118	789	3,118	280,525
Arkansas.....	15,943	5,905	1,032	2,783	872	374	4,977	149	4,138	122,902
California.....	132,197	51,788	17,934	28,538	7,619	6,116	20,202	3,618	37,886	1,257,118
Colorado.....	29,650	16,561	2,899	6,987	844	1,803	556	441	1,642	192,296
Connecticut.....	1,656	753	180	436	137	127	21	49	142	28,420
Delaware.....	153	69	33	25	14	12	-----	2	6	3,067
Florida.....	6,265	2,406	775	1,453	771	816	43	146	331	116,656
Georgia.....	5,076	2,257	503	1,263	577	345	130	240	1,079	47,770
Idaho.....	12,267	6,936	1,044	3,202	237	802	46	118	746	77,816
Illinois.....	102,901	47,441	9,773	17,529	2,303	3,784	22,071	2,545	18,795	737,958
Indiana.....	24,656	13,505	2,143	5,592	814	1,477	1,124	443	1,869	233,285
Iowa.....	7,923	5,482	570	1,147	309	362	53	46	302	64,949
Kansas.....	86,475	12,776	3,259	5,710	1,167	1,240	12,323	731	9,644	357,383
Kentucky.....	71,359	52,173	4,606	10,211	765	2,561	1,043	556	2,784	325,424
Louisiana.....	60,234	14,744	5,188	10,240	3,280	448	26,834	917	23,418	284,785
Maine.....	593	376	72	83	27	33	2	5	11	10,952
Maryland and Dist. of Col.....	5,243	3,344	487	852	298	204	59	79	618	38,469
Massachusetts.....	3,517	1,486	1,042	433	294	256	6	64	321	58,418
Michigan.....	37,311	18,418	3,687	7,302	2,570	2,033	3,300	414	3,950	408,941
Minnesota.....	20,402	9,816	3,340	4,014	1,576	1,558	97	367	1,394	309,190
Mississippi.....	1,170	362	173	212	140	72	210	16	265	13,811
Missouri.....	18,801	8,904	3,678	3,885	541	1,621	172	146	613	220,954
Montana.....	27,212	14,463	2,987	6,915	504	1,793	550	380	2,273	224,646
Nebraska.....	811	358	86	175	89	75	29	15	88	15,059
Nevada.....	15,853	7,754	1,318	4,110	620	1,188	862	836	1,474	102,169
New Hampshire.....	479	266	87	63	44	19	(1)	2	73	6,650
New Jersey.....	8,947	4,314	1,612	1,720	570	626	95	163	478	90,674
New Mexico.....	25,815	9,468	1,945	5,223	1,389	313	7,476	983	5,624	144,175
New York.....	23,477	9,399	5,703	4,126	1,478	1,373	1,398	404	2,420	278,038
North Carolina.....	2,532	1,123	321	709	181	193	7	8	161	26,285
North Dakota.....	1,518	871	171	274	73	124	6	16	56	15,251
Ohio.....	45,573	28,334	5,041	7,001	1,704	2,048	1,445	418	3,986	358,401
Oklahoma.....	83,873	30,418	17,880	15,652	4,324	1,870	13,734	1,028	11,623	947,665
Oregon.....	3,184	1,580	317	864	254	163	6	84	216	32,406
Pennsylvania.....	352,536	243,512	30,539	50,947	8,125	14,048	5,365	3,596	14,103	2,301,600
Rhode Island.....	527	262	61	129	44	30	2	13	35	6,998
South Carolina.....	2,132	782	283	698	136	176	58	26	162	20,366
South Dakota.....	7,711	4,681	840	1,715	282	172	21	352	735	46,047
Tennessee.....	16,194	10,458	1,486	2,602	589	968	89	223	1,007	136,526
Texas.....	207,036	55,826	31,855	32,023	8,447	2,240	76,645	3,935	86,788	1,224,293
Utah.....	27,870	13,159	3,303	7,603	560	2,988	257	552	1,475	272,301
Vermont.....	3,230	1,719	297	842	92	273	6	37	92	32,120
Virginia.....	26,879	18,864	2,037	4,186	424	1,324	44	198	1,174	145,791
Washington.....	8,739	5,341	816	1,911	245	381	45	168	326	75,443
West Virginia.....	175,856	128,402	10,804	25,355	1,795	7,142	2,358	1,030	9,217	922,293
Wisconsin.....	5,069	2,604	513	1,078	365	491	18	27	413	72,806
Wyoming.....	15,582	7,932	1,478	2,204	388	422	2,159	99	2,095	108,422

(1) Less than \$501.

Source: Department of Commerce, Bureau of the Census; reports of Census of Mineral Industries, 1939, Vol. I.

## No. 833.—MINERAL INDUSTRIES—SUMMARY FOR THE UNITED STATES: 1919, 1929, AND 1939

[Statistics cover producing operations only. In general, those for 1939 cover only those operations (or concerns producing crude petroleum, natural gas, and natural gasoline, and rendering oil- and gas-field services) for which total value of all products, reported principal expenses, cost of buildings, machinery, and equipment during year, or cost of drilling and equipping wells during year amounted to \$2,500 or more. For bituminous coal and lignite an output criterion of 1,000 tons of coal was substituted for value of all products. Statistics for common sand and gravel industry exclude data for operations that produce less than 15,000 tons of sand and gravel unless reported principal expenses or cost of buildings, machinery, and equipment during year amounted to \$15,000 or more. Statistics for 1929 cover, in general, only those "enterprises" for which total value of all products or cost of development work amounted to \$2,500 or more. Bituminous coal and lignite mines that produced less than 1,000 tons of coal and common sand and gravel operations that produced less than 25,000 tons of sand and gravel, were excluded. Statistics for 1919 exclude data for "enterprises" for which value of all products was less than \$500 or cost of development work was less than \$5,000. Noncommercial production of stone and sand and gravel obtained from mines or quarries operated by governmental agencies, public utilities, or by construction companies or contractors producing wholly for their own use or on contract for governmental agencies is excluded for all years]

ITEM	1939 (all in- dustries)	COMPARATIVE STATISTICS FOR 1939 AND 1929		COMPARATIVE STATISTICS FOR 1939 AND 1919	
		1939 <sup>1</sup>	1929	1939 <sup>2</sup>	1919
Number of mines and quarries.....	13,395	12,735	11,602	10,888	13,844
Number of oil and gas wells producing December 31.....	347,645			347,645	257,078
Number of natural-gasoline plants.....	734			734	1,115
Value of all products <sup>3</sup> .....1,000 dollars.....	3,221,927	1,721,771	2,392,831	3,089,904	3,122,689
Number of persons engaged, total.....	827,410	663,771	663,848	792,423	1,077,675
Wage earners (average for the year) <sup>4</sup> .....	736,150	616,614	606,418	705,872	981,000
Salaried employees <sup>5</sup> .....	77,019	44,124	62,633	73,238	74,197
Proprietors and firm members (not applicable to corporations) <sup>6</sup> .....	14,241	8,083	4,897	12,313	21,918
Performing manual labor.....	6,431	5,107	(7)	6,122	5,345
Principal expenses designated below, total.....1,000 dollars.....	1,747,382	1,161,318	1,661,168	1,674,708	2,166,245
Wages <sup>4</sup> .....do.....	915,558	740,112	1,091,990	681,122	1,295,926
Salaries <sup>5</sup> .....do.....	189,255	103,807	137,639	180,373	149,329
Supplies and materials.....do.....	306,297	216,448	293,568	290,545	519,594
Fuel.....do.....	89,374	32,568	49,146	53,098	92,911
Purchased electric energy.....do.....	68,892	61,429	71,709	63,617	28,195
Contract work.....do.....	206,806	6,953	17,066	205,955	79,880
Cost of machinery and equipment installed during year <sup>7</sup> .....1,000 dollars.....	261,475	60,234	84,808	253,688	(7)
Horsepower rating of power equipment, total <sup>8</sup> .....	12,845,784	8,754,546	7,514,843	12,112,357	<sup>9</sup> 6,722,796
Prime movers.....	7,149,168	3,332,069	2,743,025	6,653,204	5,111,531
Electric motors driven by purchased energy.....	5,896,616	5,422,457	4,771,818	5,439,153	<sup>10</sup> 1,612,256
Electric energy consumed, total, 1,000 kilo watt-hours.....	8,371,679	7,396,870	7,462,790	(7)	(7)
Purchased.....do.....	6,361,497	5,627,091	5,282,178	(7)	(7)
Generated by reporting companies.....do.....	2,070,173	1,769,779	2,080,612	(7)	(7)

<sup>1</sup> Excludes statistics for common clay and shale, crude petroleum and natural gas, green sand, natural gasoline, peat, potash, and rock salt industries, for comparability with 1929.

<sup>2</sup> Excludes common clay and shale, common sand and gravel, glass sand, foundry sand, natural sodium compounds, peat, potash, and rock salt industries, and limestone mines and quarries operated in conjunction with cement and lime plants for comparability with 1919.

<sup>3</sup> Includes value of crude minerals produced, value added during year by preparation processes, receipts for services performed for other concerns, and value of electric energy generated and sold.

<sup>4</sup> Represents statistics for skilled and unskilled employees who perform manual labor, use tools, operate machines, handle materials, and care for property. Average numbers of wage earners were derived by adding numbers reported for each month and dividing sums by 12.

<sup>5</sup> Represents statistics for salaried employees at operations and at central and branch offices, including officers of corporations, managers, superintendents, and other supervisory personnel, responsible professional and technical employees, and clerical employees. Number of salaried employees represents number receiving pay on a representative or normal day or pay-roll period: for 1939, during normal pay-roll period ending nearest Oct. 14; for 1929, on Dec. 14 or on nearest representative day, for 1919, on Dec. 15 or on nearest representative day. Salaries represent total amount paid to salaried employees during calendar year.

<sup>6</sup> Represents statistics for proprietors and firm members at operations and at central and branch offices.

<sup>7</sup> Census statistics not available.

<sup>8</sup> For 1939 includes installation costs, which are excluded for 1929.

<sup>9</sup> Statistics for 1939 and 1929 refer to equipment in use or available for use at end of year.

<sup>10</sup> Includes equipment, with rating of 8,655 horsepower, operated by purchased power other than electric energy.

Source: Dept. of Commerce, Bureau of the Census; reports of Census of Mineral Industries, 1939, Vol. I.

## No. 884.—ALUMINUM—PRODUCTION, EXPORTS, AND IMPORTS: 1913 TO 1946

YEAR	PRODUCTION						IMPORTS <sup>2</sup>		EXPORTS <sup>2</sup>	
	Quantity (1,000 pounds)			Value (\$1,000)			Quantity (1,000 lb.)	Value (\$1,000)	Quantity (1,000 lb.)	Value (\$1,000)
	Total	Primary	Secondary	Total	Primary	Secondary <sup>1</sup>				
1913.....	56,587	47,279	9,308	11,649	9,450	2,199	25,095	4,388	-----	-----
1914.....	67,017	57,973	9,044	11,753	10,080	1,673	17,943	3,354	-----	-----
1915.....	107,504	90,504	17,000	22,082	16,280	5,802	9,294	1,766	-----	-----
1916.....	153,707	115,107	38,600	57,330	33,900	23,430	6,699	1,753	-----	-----
1917.....	162,061	129,861	32,200	62,594	45,882	16,712	89	35	-----	-----
1918.....	154,825	124,725	30,100	51,272	41,159	10,113	1,691	534	24,135	8,979
1919.....	165,859	128,477	37,382	50,573	38,558	12,015	13,852	4,531	5,020	1,745
1920.....	169,042	138,042	31,000	50,864	41,375	9,489	39,299	12,184	9,408	3,068
1921.....	72,332	54,532	17,800	14,681	10,906	3,775	32,559	7,628	2,196	801
1922.....	106,213	73,633	32,580	19,708	13,622	6,086	43,892	8,287	4,347	1,127
1923.....	171,258	128,658	42,600	39,130	28,305	10,825	42,477	9,317	5,540	1,518
1924.....	204,564	150,564	54,000	52,203	37,607	14,596	31,810	6,860	6,344	1,632
1925.....	228,116	140,116	88,000	61,246	36,430	24,816	41,997	9,806	12,642	3,366
1926.....	235,786	147,386	88,400	61,451	37,583	23,868	71,392	16,422	7,634	2,135
1927.....	256,007	163,607	92,400	62,736	39,266	23,470	62,575	13,317	14,523	3,479
1928.....	306,144	210,544	95,600	70,747	47,899	22,848	38,847	8,057	15,728	3,769
1929.....	324,773	227,973	96,800	74,999	51,864	23,135	50,881	9,935	17,032	4,150
1930.....	306,237	229,037	77,200	68,138	50,961	17,177	25,461	4,690	17,330	3,916
1931.....	238,145	177,545	60,600	50,010	37,284	12,726	14,833	2,540	4,701	986
1932.....	152,888	104,888	48,000	31,445	20,453	10,992	8,185	1,339	4,437	469
1933.....	152,125	85,125	67,000	31,517	16,174	15,343	15,247	2,746	5,708	600
1934.....	166,977	74,177	92,800	31,726	14,094	17,632	18,592	3,625	8,366	1,249
1935.....	222,095	119,295	102,800	41,088	22,070	19,018	21,291	3,694	3,970	694
1936.....	327,929	224,929	103,000	60,667	41,612	19,055	25,563	4,165	1,606	382
1937.....	417,801	292,681	125,120	79,382	55,609	23,773	45,178	6,883	5,384	1,261
1938.....	364,482	286,882	77,600	71,985	56,659	15,326	17,740	2,491	12,618	3,912
1939.....	434,984	327,090	107,894	85,909	64,600	21,309	28,673	3,385	74,216	20,892
1940.....	573,284	412,560	160,724	104,624	75,292	29,332	36,168	4,737	55,682	17,919
1941.....	831,848	618,134	213,714	135,102	100,395	34,707	26,826	3,619	14,924	4,793
1942.....	1,435,140	1,042,212	392,928	208,817	151,371	57,446	224,272	35,501	77,558	19,563
1943.....	2,468,280	1,840,358	627,922	355,926	265,380	90,546	271,644	41,303	235,276	59,093
1944.....	2,204,182	1,552,892	651,290	315,681	222,416	93,265	205,506	30,230	377,042	73,579
1945.....	1,586,894	990,120	596,774	226,161	140,864	85,297	678,586	98,290	13,086	3,064
1946.....	1,375,406	819,260	556,146	194,451	115,812	78,639	114,200	12,236	34,668	10,132

<sup>1</sup> Based upon average price of primary aluminum as reported to Bureau of Mines, or as quoted by the Engineering and Mining Journal and the American Metal Market.

<sup>2</sup> Includes aluminum and aluminum alloy ingots, scrap, plates, sheets, bars, etc.

Source: Department of Interior, Bureau of Mines; Minerals Yearbook.

No. 835.—COPPER—PRODUCTION, EXPORTS, IMPORTS, AND CONSUMPTION:  
1910 TO 1946

[In short tons (2,000 pounds). Production figures for unrefined copper cover United States and Alaska. Output of copper from foreign crude materials also shown under refined copper production. Consumption as shown represents quantity withdrawn from total new supply on domestic account (apparent consumption) not actual consumption, largely because consumers' inventories are not taken into account. Over a period of years, however, apparent consumption data give a good indication of consumption trends]

ITEM	1910	1920	1930	1935	1940	1944	1945	1946
<b>UNREFINED COPPER</b>								
Copper ore produced (1,000 tons) <sup>1</sup> .....	28,497	36,765	47,382	19,112	69,278	91,064	77,473	62,232
Average copper yield, percent.....	1.88	1.63	1.43	1.89	1.20	.99	.93	.91
Smelter output from domestic ore.....	540,080	604,530	697,195	381,294	909,084	1,003,379	782,726	599,656
Mine production.....	544,119	612,275	705,074	380,491	878,086	972,549	772,894	608,737
Imports, unrefined: <sup>2</sup>								
Ore (copper content).....	32,102	26,023	50,658	7,660	<sup>3</sup> 11,293	6,415	8,858	4,784
Concentrates (copper content).....	10,511	23,399	28,435	30,198	<sup>3</sup> 71,574	59,054	48,632	40,061
Matte and regulus (copper content).....		8,797	2,353	2,733	60,115	51,012	19,862	732
Unrefined, in bars, pigs, etc.....	<sup>4</sup> 129,605	122,348	280,235	197,975	278,212	175,424	243,101	192,221
<b>REFINED COPPER PRODUCTION</b>								
New copper (primary).....	711,020	763,083	1,078,530	588,805	1,313,556	1,221,187	1,108,599	878,662
Domestic.....	535,947	591,212	695,612	338,321	927,239	973,852	775,738	578,429
Foreign.....	175,072	171,871	382,917	250,484	386,317	247,335	332,861	300,233
Secondary copper.....	94,500	312,460	467,200	448,900	532,046	950,942	1,006,516	803,546
From new scrap.....	30,000	143,500	125,000	87,200	198,156	494,232	509,421	397,093
From old scrap.....	64,500	168,960	342,200	361,700	333,890	456,710	497,095	406,453
<b>REFINED COPPER CONSUMPTION</b>								
New copper produced (refinery).....	711,020	763,083	1,078,530	588,805	1,313,556	1,221,187	1,108,599	878,662
Refined copper imported <sup>5</sup> .....	( <sup>4</sup> )	54,372	43,105	18,071	68,337	492,395	531,367	154,371
Refined copper exported.....	<sup>6</sup> 354,158	275,613	334,626	275,006	377,108	<sup>6</sup> 68,373	<sup>6</sup> 48,563	<sup>6</sup> 52,629
Stocks, Dec. 31 (refined).....	61,402	329,500	307,500	175,000	91,500	81,000	130,000	96,000
Withdrawn on domestic account:								
New refined copper.....	366,203	526,919	632,508	441,371	1,008,785	1,504,000	1,415,000	1,391,000
New and old copper....	460,700	839,500	1,099,500	890,000	1,541,000	2,455,000	2,422,000	2,196,000

<sup>1</sup> Old tailings included beginning with 1930.  
<sup>2</sup> For immediate consumption plus copper entering under bond.  
<sup>3</sup> Ore from Philippine Islands included under concentrates.  
<sup>4</sup> Imports of refined copper in ingots, bars, or other forms included in imports of unrefined.  
<sup>5</sup> Includes small exports of unrefined black blister and converter copper (bars, pigs, etc).  
<sup>6</sup> Excludes refined copper in rods.

Source: Department of Interior, Bureau of Mines; Minerals Yearbook.

No. 836.—COPPER—MINE PRODUCTION, BY STATES:1910 TO 1946

[In short tons (2,000 pounds) of recoverable copper]

STATE	1910	1920	1930	1935	1940	1944	1945	1946
<b>Total.....</b>	<b>544,119</b>	<b>612,275</b>	<b>705,074</b>	<b>380,491</b>	<b>878,086</b>	<b>972,549</b>	<b>772,894</b>	<b>608,737</b>
Alaska.....	2,121	35,218	16,326	7,750	55	2	5	2
Arizona.....	148,746	279,128	288,095	139,015	281,169	358,303	287,203	289,223
California.....	24,350	6,313	13,643	977	6,438	12,721	6,473	4,240
Colorado.....	4,180	2,022	5,257	7,327	12,152	1,048	1,485	1,754
Idaho.....	3,519	1,269	1,556	1,048	3,349	1,688	1,548	1,038
Michigan.....	111,342	77,348	84,691	32,054	45,198	42,421	30,401	21,663
Missouri.....		756	88	34	685	3,302	3,399	1,857
Montana.....	142,404	88,530	96,094	77,479	126,391	118,190	88,506	58,481
Nevada.....	32,180	25,280	54,602	37,133	78,454	61,232	52,595	48,616
New Mexico.....	2,307	27,200	32,575	2,253	69,848	69,730	56,571	50,191
Tennessee.....	8,419	8,364	( <sup>1</sup> )	( <sup>1</sup> )	<sup>2</sup> 12,732	<sup>2</sup> 12,860	<sup>2</sup> 12,385	<sup>2</sup> 12,850
Utah.....	63,799	58,466	90,263	64,758	231,864	282,575	226,376	114,284
Washington.....	43	992	603	43	9,612	6,169	5,821	4,527
Other States.....	710	1,390	19,282	10,620	139	2,308	126	11

<sup>1</sup> Included under "Other States."  
<sup>2</sup> Includes North Carolina and Pennsylvania.  
<sup>3</sup> Includes Pennsylvania and Vermont.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

## No. 837.—COPPER—SMELTER AND REFINERY OUTPUT: 1850 TO 1946

[Quantities in short tons (2,000 pounds); values in thousand of dollars. Smelter output shown here represents production of unrefined copper from domestic (including Alaskan) ores. Figures on refinery output of copper from foreign crude materials (shown as imports in table 835) include copper from foreign materials smelted and refined or only refined in the United States]

YEARLY AVERAGE OR YEAR	SMELTER OUTPUT FROM DOMESTIC ORE		YEAR	SMELTER OUTPUT FROM DOMESTIC ORE		REFINERY OUTPUT (QUANTITY)			
	Quantity	Value		Quantity	Value	New copper			Secondary copper
						Total	Domestic	Foreign	
1850.....	728	320	1923.....	717,500	210,945	989,918	732,082	257,835	410,900
1860.....	8,064	3,709	1924.....	817,125	214,087	1,130,038	837,107	292,931	388,300
1870.....	14,112	5,977	1925.....	837,435	237,832	1,102,287	841,448	260,839	420,210
1871-1875.....	17,136	8,895	1926.....	869,811	243,547	1,161,243	865,649	295,594	479,800
1876-1880.....	24,976	9,679	1927.....	842,020	220,609	1,162,882	859,476	303,406	490,200
1881-1885.....	58,867	17,236	1928.....	912,950	262,930	1,243,804	895,899	347,905	536,400
1886-1890.....	105,214	30,345	1929.....	1,001,432	352,504	1,370,056	991,366	378,600	626,550
1891-1895.....	169,328	37,266	1930.....	697,195	181,271	1,078,530	695,612	382,917	467,200
1896-1900.....	265,544	74,424	1931.....	521,356	94,887	750,721	537,303	213,418	347,000
1901-1905.....	366,095	103,859	1932.....	272,005	34,273	340,434	222,539	117,895	248,180
1906-1910.....	490,248	150,924	1933.....	225,000	28,800	370,789	240,669	130,120	338,100
1911-1915.....	610,313	185,592	1934.....	244,227	39,076	445,360	233,029	212,331	377,400
1916-1920.....	821,799	395,270	1935.....	381,294	63,295	588,805	338,321	250,484	448,900
1921-1925.....	619,999	171,275	1936.....	611,410	112,499	822,489	645,462	177,027	484,600
1926-1930.....	864,682	252,172	1937.....	834,661	201,988	1,066,814	822,253	244,561	532,100
1931-1935.....	328,776	52,066	1938.....	562,328	110,216	792,416	552,574	239,842	359,800
1936-1940.....	726,032	155,678	1939.....	712,675	148,236	1,009,515	704,873	304,642	499,700
1941-1945.....	986,621	232,843	1940.....	909,084	205,453	1,313,556	927,239	386,317	532,046
1917.....	943,060	514,911	1941.....	966,072	227,993	1,395,309	975,408	419,901	726,396
1918.....	954,267	471,408	1942.....	1,087,991	256,766	1,414,561	1,064,792	349,769	927,755
1919.....	643,210	239,274	1943.....	1,092,939	257,934	1,379,263	1,062,079	297,184	1,066,047
1920.....	604,531	222,467	1944.....	1,003,379	236,797	1,221,187	973,852	247,335	950,942
1921.....	252,793	65,221	1945.....	782,726	184,723	1,106,599	775,738	332,861	1,006,516
1922.....	475,143	128,289	1946.....	599,656	172,701	878,662	578,429	300,233	803,546

<sup>1</sup> Excludes premiums paid to miners by Government.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

## No. 838.—COPPER—EXPORTS AND IMPORTS: 1891 TO 1946

[Exports are those classed as "domestic" in foreign trade statistics but include copper smelted or refined in United States from imported ore or unrefined metal. Values include all forms of copper; quantities represent all copper except the small item, "Other manufactures." Copper content of exports of ore for years 1891-1915 and of imports for years 1894-1903 was estimated]

[Quantities in short tons (2,000 pounds); values in thousands of dollars]

YEARLY AVERAGE OR YEAR	EXPORTS		IMPORTS <sup>1</sup>		YEAR	EXPORTS		IMPORTS <sup>1</sup>	
	Quantity	Value	Quantity	Value		Quantity	Value	Quantity	Value
1891-1895 <sup>2</sup> .....	65,586	14,392	5,477	896	1936.....	262,417	50,663	183,788	29,884
1896-1900 <sup>2</sup> .....	137,684	36,745	24,634	5,866	1937.....	350,317	93,626	227,479	52,562
1901-1905 <sup>2</sup> .....	190,451	54,942	83,237	22,611	1938.....	422,014	86,809	205,718	37,872
1906-1910 <sup>2</sup> .....	289,445	92,334	130,111	38,026	1939.....	427,579	97,185	230,669	44,230
1911-1915 <sup>2</sup> .....	416,840	123,655	176,635	46,129	1940.....	427,944	110,119	364,997	73,492
1916-1920 <sup>2</sup> .....	376,877	206,909	244,948	103,805	1941.....	158,906	47,690	720,708	141,789
1921-1925.....	438,337	129,761	298,975	77,811	1942.....	217,082	82,348	782,361	165,307
1926-1930.....	491,290	149,999	407,630	108,244	1943.....	296,016	106,719	736,464	156,514
1931-1935.....	246,658	39,920	211,116	29,662	1944.....	237,521	102,697	764,228	165,479
1936-1940.....	378,054	87,680	242,530	47,608	1945.....	132,592	55,212	896,239	194,672
1934.....	312,743	49,765	199,538	27,786	1946.....	97,513	38,587	354,497	86,190
1935.....	302,873	48,933	240,528	33,213					

<sup>1</sup> Imports for consumption; general imports prior to 1933.

<sup>2</sup> Fiscal years ending June 30.

<sup>3</sup> Average for period July 1, 1915, to Dec. 31, 1920.

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941 and Bureau of the Census thereafter; annual report, Foreign Commerce and Navigation of the U. S.

**No. 889.—IRON ORE—PRODUCTION, SHIPMENTS, EXPORTS, AND IMPORTS, 1881 TO 1946, AND PRODUCTION, BY DISTRICT AND KIND, 1942 TO 1946**

[In thousands of long tons (2,240 pounds). Nearly all exports are to Canada. Since 1905, excludes ore containing 5 percent or more of manganese]

YEARLY AVERAGE OR YEAR	Production	Shipments <sup>1</sup>	Exports	Imports	PRODUCTION	1942	1943	1944	1945	1946
1881-1890	10,365	( <sup>2</sup> )	( <sup>2</sup> )	766	DISTRICT					
1891-1900	17,551	( <sup>2</sup> )	( <sup>2</sup> )	587	Lake Superior	91,005	88,789	79,111	74,821	80,067
1901-1910	41,339	( <sup>2</sup> )	271	1,180	Southeastern	9,189	8,479	7,123	6,330	6,267
1911-1915	51,595	50,592	963	1,841	Northeastern	2,120	2,468	3,849	3,620	2,596
1916-1920	69,737	70,224	1,143	967	Western	1,599	2,800	2,442	3,088	2,451
1921-1925	52,429	52,617	677	1,691	Undistributed (by-product ore)	642	653	598	517	507
1926-1930	64,600	64,952	1,021	2,709	KIND					
1931-1935	22,732	23,638	389	1,166	Hematite	99,705	94,418	89,727	81,295	66,728
1936-1940	54,951	56,054	969	2,238	Brown ore	1,637	1,627	1,219	943	686
1936	48,789	51,466	645	2,232	Magnetite	3,541	4,549	5,579	5,621	2,621
1937	72,004	72,348	1,264	2,442	Carbonate	( <sup>4</sup> )	1	1	1	1
1938	28,447	26,431	802	2,122	Byproduct material (pyrites cinder and sinter)	643	683	598	517	507
1939	51,732	54,827	1,067	2,413						
1940	73,696	75,198	1,386	2,479						
1941	92,410	93,054	1,908	2,321						
1942	105,526	105,989	2,515	731						
1943	101,248	99,463	2,425	399						
1944	94,118	95,136	2,168	464						
1945	89,376	88,137	2,063	1,194						
1946	70,843	70,090	1,606	2,821						

<sup>1</sup> Excludes ore sold for paint.

<sup>2</sup> Not available.

<sup>3</sup> Some magnetite included with hematite.

<sup>4</sup> Less than 500.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

**No. 840.—LEAD, RECOVERABLE—MINE PRODUCTION, BY STATES AND FOR ALASKA: 1920 TO 1946**

[In short tons (2,000 pounds)]

STATE	1920	1925	1930	1935	1940	1944	1945	1946
Total	496,814	684,439	568,313	331,103	457,392	416,861	296,831	235,475
Western States and Alaska	245,131	364,387	312,413	193,439	244,974	209,919	154,152	165,982
Alaska	875	789	1,365	670	779	44	11	115
Arizona	6,935	11,938	4,246	7,783	13,260	16,707	22,887	23,930
Colorado	23,315	31,483	22,130	5,673	11,476	17,698	17,044	17,036
Idaho	118,585	126,521	134,058	79,020	104,834	83,530	66,447	59,987
Montana	14,846	18,765	10,853	16,589	23,036	13,105	9,959	8,280
Nevada	10,100	12,238	11,629	12,676	7,499	6,605	6,275	7,173
New Mexico	1,435	3,210	10,378	7,269	3,822	7,265	7,662	4,899
Utah	66,898	163,325	115,495	63,610	75,688	52,519	40,817	30,711
Washington	2,749	2,814	576	103	2,555	5,825	3,802	2,987
Other	2,413	3,294	1,983	1,126	2,019	6,720	7,228	9,972
Central States	245,789	317,375	237,533	132,682	207,587	201,577	201,520	164,964
Kansas	16,462	22,776	12,910	10,892	11,927	9,594	7,370	6,445
Missouri	161,812	211,556	199,532	97,493	172,062	174,683	176,575	139,112
Oklahoma	64,086	79,946	23,062	23,405	21,240	13,944	12,664	13,697
Other	4,430	3,086	1,939	892	2,868	2,556	4,911	5,530
Eastern States	1,903	2,677	8,367	4,962	4,831	5,285	5,159	5,579
New York					1,973	1,644	862	1,073
Tennessee	1,890	448	8,867	4,962	573		54	125
Virginia		2,229			2,285	4,032	4,243	4,382

<sup>1</sup> Includes small quantities produced in Massachusetts, Pennsylvania, and Georgia.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.



**No. 841.—LEAD—PRODUCTION OF REFINED PRIMARY AND SECONDARY LEAD, 1830 TO 1946, AND BY CLASS AND SOURCE, 1880 TO 1946**

[Production in short tons (2,000 pounds); values, except price per pound, in thousands of dollars. Figures, except those for antimonial and secondary lead, relate to new (primary) lead only; totals include lead derived from both domestic (including Alaska) and foreign ore. General production figures and production of desilverized lead exclude lead content of antimonial lead, shown in next to last column]

YEAR	Production	Value	YEAR	Production	Value	YEAR	Production	Value
1830.....	8,000	608	1911.....	486,979	43,828	1929.....	774,633	97,604
1840.....	17,000	1,666	1912.....	480,894	43,280	1930.....	643,033	64,303
1850.....	22,000	2,112	1913.....	462,460	40,696	1931.....	442,764	32,765
1860.....	15,600	1,778	1914.....	542,122	42,286	1932.....	281,941	16,916
1870.....	17,830	2,247	1915.....	550,055	51,705	1933.....	263,676	19,512
1880.....	95,725	9,573	1916.....	571,134	78,817	1934.....	311,236	23,031
1890.....	157,844	14,206	1917.....	610,769	105,052	1935.....	324,560	25,965
1895.....	235,822	15,093	1918.....	640,195	90,908	1936.....	399,156	36,722
1900.....	367,773	32,364	1919.....	482,220	51,115	1937.....	467,317	55,143
1902.....	367,892	30,167	1920.....	529,657	84,745	1938.....	383,669	35,298
1903.....	368,939	30,991	1921.....	448,589	40,373	1939.....	484,035	45,499
1904.....	393,452	33,837	1922.....	532,662	58,593	1940.....	533,179	53,318
1905.....	388,307	36,501	1923.....	618,322	86,565	1941.....	570,967	65,090
1906.....	404,746	46,141	1924.....	690,493	110,479	1942.....	566,839	71,422
1907.....	413,389	43,819	1925.....	766,969	133,453	1943.....	469,612	60,110
1908.....	396,564	33,311	1926.....	798,941	127,831	1944.....	464,763	59,490
1909.....	446,909	38,434	1927.....	796,530	100,363	1945.....	443,585	56,779
1910.....	470,272	41,384	1928.....	781,071	90,604	1946.....	338,197	56,817

YEAR	CLASS		SOURCE			Average value per pound	Anti-monial lead, at primary refineries	Secondary lead recovered, total
	Desilverized <sup>1</sup>	Soft undesilverized <sup>2</sup>	Domestic ores and bullion <sup>3</sup>	Foreign ores	Foreign base bullion			
1880.....	68,035	27,690	95,725	-----	-----	\$0.050	(4)	-----
1890.....	126,493	31,351	139,720	18,124	-----	.045	(4)	-----
1900.....	319,752	48,021	260,918	106,855	-----	.044	(4)	-----
1910.....	328,954	141,318	375,402	18,065	76,805	.044	(4)	55,422
1920.....	339,803	189,854	476,849	8,414	44,394	.080	(4)	124,650
1930.....	441,672	201,361	573,740	34,348	34,945	.050	24,797	255,800
1935.....	227,777	96,783	310,505	13,659	396	.040	16,384	270,400
1940.....	379,856	153,323	433,065	83,563	16,551	.050	29,762	260,346
1941.....	406,257	164,710	470,517	74,166	26,284	.057	40,237	397,416
1942.....	(4)	(4)	467,367	81,485	17,987	.063	51,762	323,001
1943.....	(4)	(4)	406,544	62,936	132	.064	63,515	342,094
1944.....	(4)	(4)	394,443	70,225	95	.064	57,902	331,416
1945.....	(4)	(4)	356,535	86,932	118	.064	56,495	363,039
1946.....	(4)	(4)	293,309	44,790	98	.084	50,480	392,787

<sup>1</sup> Desilverized soft lead is included.

<sup>2</sup> Soft lead, both desilverized and undesilverized, includes lead derived from Missouri ores and other non-argenteriferous ores.

<sup>3</sup> Excludes lead content of antimonial lead.

<sup>4</sup> Not available.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

**No. 842.—LEAD—APPARENT SHIPMENTS OF REFINED PRIMARY PIG TO DOMESTIC CONSUMERS: 1935 TO 1946**

[In short tons (2,000 pounds). Figures are approximate]

ITEM	1935	1940	1942	1944	1945	1946
Supply, total.....	325,882	683,068	963,270	897,869	778,296	564,842
Stocks at primary refineries, Jan. 1.....	(1)	(4)	<sup>2</sup> 12,000	36,464	16,788	37,691
Government-owned stocks, Jan. 1 <sup>3</sup> .....	-----	-----	17,934	173,875	90,454	68,700
Production.....	324,560	533,179	566,839	464,763	443,585	346,210
Imports.....	<sup>4</sup> 1,322	149,889	366,497	222,758	227,469	112,241
Withdrawn, total.....	6,962	49,079	293,430	122,765	106,174	87,156
Stocks at primary refineries, Dec. 31.....	(1)	(1)	39,255	16,788	37,690	40,963
Government-owned stocks, Dec. 31 <sup>3</sup> .....	-----	-----	248,361	90,454	68,700	45,493
Exports.....	6,962	<sup>5</sup> 49,079	<sup>5</sup> 5,814	<sup>5</sup> 15,523	<sup>5</sup> 1,784	<sup>5</sup> 700
Apparent shipments to domestic consumers....	318,900	633,989	669,840	775,095	670,122	477,686

<sup>1</sup> Not available.

<sup>2</sup> Estimate based upon American Bureau of Metal Statistics data.

<sup>3</sup> Data from Tin-Lead-Zinc Division of the Civilian Production Administration.

<sup>4</sup> Includes some old, reclaimed, and scrap lead.

<sup>5</sup> Includes reexports of foreign refined lead.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

### No. 843.—ZINC—PRODUCTION OF ORE, BY STATES, SMELTER PRODUCTION, AND PRIMARY SLAB ZINC AVAILABLE FOR CONSUMPTION: 1920 TO 1945

[All quantity figures in short tons (2,000 pounds); values in thousands of dollars. Excess of mine production over smelter production is due chiefly to export of ore]

ITEM	1920	1925	1930	1935	1940	1943	1944	1945
<b>Mine production (recoverable zinc content of ore)</b>								
Arizona	587,534	719,847	595,425	517,903	655,068	744,195	713,642	614,363
Colorado	729	8,666	815	3,337	15,456	19,677	39,077	40,226
Idaho	24,395	30,811	36,259	1,202	5,050	44,004	39,955	35,773
Kansas	13,966	15,619	37,649	31,053	70,601	86,707	91,372	83,463
Missouri	61,073	118,778	74,304	54,120	57,032	56,944	63,703	45,394
Montana	24,509	14,794	10,811	7,293	12,703	30,413	38,626	23,175
Nevada	92,149	57,658	26,421	54,781	52,557	37,606	36,127	17,403
New Jersey	5,349	7,411	14,584	15,536	11,833	13,647	20,669	21,457
New Mexico	78,511	89,261	97,626	85,708	91,406	92,864	80,288	81,392
New York	5,007	9,246	32,765	22,126	30,313	59,524	50,737	40,206
Ohio	5,634	8,158	22,471	23,720	35,686	46,000	35,541	24,978
Oklahoma	219,727	283,371	136,153	129,763	182,935	114,085	91,449	69,300
Tennessee	19,217	16,256	48,147	48,832	51,723	60,389	60,498	49,909
Utah	4,079	26,308	44,495	31,107	43,788	46,894	38,004	33,630
Washington	213	609	352	1	11,560	12,203	11,504	11,602
Wisconsin	27,285	20,230	12,558	8,923	5,770	14,387	15,549	15,561
Other States	5,641	11,673	15	441	5,515	8,780	16,133	18,719
<b>Smelter production (excluding remelted secondary zinc)</b>								
Primary zinc	484,748	512,127	532,894	449,284	724,192	990,524	913,339	812,983
From domestic ore	463,377	572,946	498,045	420,634	576,275	942,309	860,302	764,541
From foreign ore	450,045	555,631	489,361	412,184	599,968	594,250	574,463	467,084
Secondary, redistilled	13,332	17,315	8,684	8,450	85,287	348,059	294,849	297,477
<b>Value of primary product from domestic ore (\$1,000)</b>								
	21,371	39,181	34,849	28,650	48,917	48,215	40,037	49,242
<b>Primary slab zinc:</b>								
Supply, total	500,170	568,700	584,330	549,861	775,471	1,072,431	1,069,628	1,094,476
Stock at smelters, Jan. 1.	36,793	20,754	86,904	124,783	83,728	82,496	168,777	228,044
Production	463,377	572,946	498,045	420,634	576,275	933,628	867,225	764,316
Imports for consumption	( <sup>1</sup> )	( <sup>2</sup> )	281	4,444	16,468	56,155	63,626	97,116
<b>Deductions:</b>								
Exports	102,178	76,351	4,633	1,617	79,091	97,439	21,576	7,782
Stock at smelters, Dec. 31.	71,037	13,080	167,293	90,539	19,312	168,790	233,044	354,765
<b>Apparent deliveries to domestic consumers</b>								
	326,955	504,269	412,304	457,705	677,168	806,265	845,008	826,627

<sup>1</sup> Includes Virginia.

<sup>2</sup> From Mexico in 1935; from Mexico, Canada, Newfoundland, and Peru in 1940; from Canada, Mexico, and Australia in 1943; from Mexico, Canada, Australia, Newfoundland, and Argentina in 1944; and from Mexico, Canada, Australia, Peru, Newfoundland, Argentina, and Bolivia in 1945.

<sup>3</sup> Includes small quantity of secondary electrolytic zinc.

<sup>4</sup> Excludes premiums paid to miners by the Government.

<sup>5</sup> Less than one-half of 1 ton.

<sup>6</sup> General imports.

### No. 844.—ZINC, PRIMARY—SMELTER PRODUCTION FROM DOMESTIC ORE: 1875 TO 1945

[Quantities in short tons (2,000 pounds); values<sup>1</sup> in thousands of dollars]

YEARLY AVERAGE OR YEAR	Quantity	Value	YEARLY AVERAGE OR YEAR	Quantity	Value	YEAR	Quantity	Value
1875	15,833	* 2,217	1921-1925	426,261	56,149	1936	491,963	49,180
1880 <sup>2</sup>	23,239	2,277	1926-1930	576,305	73,119	1937	551,163	71,651
1885	40,689	3,540	1931-1935	214,541	25,432	1938	434,007	41,857
1886-1890	54,255	5,219	1936-1940	512,004	67,619	1939	491,058	51,070
1891-1895	82,396	6,787	1930	489,361	46,979	1940	589,968	74,335
1896-1900	109,953	10,180	1931	291,906	22,192	1941	652,509	97,890
1901-1905	169,504	17,067	1932	207,148	12,429	1942	629,957	* 109,612
1906-1910	219,378	24,165	1933	306,010	25,705	1943	594,250	* 102,211
1911-1915	346,867	52,416	1934	355,366	30,561	1944	574,453	* 98,806
1916-1920	508,731	99,812	1935	412,184	36,272	1945	467,684	* 80,339

<sup>1</sup> Values at New York prices through 1907; at St. Louis prices, 1908 to 1914; at average price of all grades, 1915 and later years.

<sup>2</sup> Computed at yearly average of high and low monthly prices at New York.

<sup>3</sup> Census year ended May 31.

<sup>4</sup> Excludes premiums paid to miners by the Government.

Source of tables 843 and 844: Department of the Interior, Bureau of Mines; Minerals Yearbook.

**No. 845.—GOLD AND SILVER—PRODUCTION IN CONTINENTAL UNITED STATES, ALASKA, PUERTO RICO, AND PHILIPPINE ISLANDS: 1792 TO 1946**

[Value of gold in terms of money, being at a fixed rate, is not shown in this table. Gold was valued at \$20.67+ per fine troy ounce from 1837 until 1933. In 1933, however, various higher prices prevailed subsequently to Executive order of Aug. 29. Value of gold production for that year, as computed by Bureau of Mines, was \$65,338,000, including \$12,485,000 premium calculated at average weighted price (\$25.56 per ounce). On Jan. 31, 1934, legal value of gold was fixed at \$35 per fine ounce. Value given for silver is commercial value, except for 1921 to June 1923 and for 1934 and subsequent years (see footnotes 1 and 2), for which periods it has differed materially from coinage value. Excludes production of Philippine Islands after 1945]

[Figures are totals for period or for year]

CALENDAR YEAR OR PERIOD	Gold (1,000 fine ounces)	Silver (1,000 fine ounces)	Silver, value (1,000 dollars)	CALENDAR YEAR	Gold (1,000 fine ounces)	Silver (1,000 fine ounces)	Silver, value (1,000 dollars)
1792-1847.....	1,187	310	405	1917.....	4,051	71,740	59,078
1848-1850.....	4,838	116	152	1918.....	3,321	67,810	66,485
1851-1855.....	14,271	194	259	1919.....	2,919	56,682	63,534
1856-1860.....	12,384	309	418	1920.....	2,476	55,362	60,802
1861-1865.....	10,716	28,811	38,674	1921.....	2,422	53,052	53,052
1866-1870.....	12,226	49,113	65,261	1922.....	2,363	56,240	56,240
1871-1875.....	8,826	121,083	156,270	1923.....	2,503	73,335	60,135
1876-1880.....	10,301	157,681	182,506	1924.....	2,529	65,407	43,823
1881-1885.....	7,730	182,841	202,807	1925.....	2,412	66,155	45,912
1886-1890.....	8,078	231,819	227,495	1926.....	2,335	62,719	39,136
1891-1895.....	9,107	287,057	227,960	1927.....	2,197	60,434	34,266
1896-1900.....	15,729	279,544	172,689	1928.....	2,233	58,463	34,201
1901-1905.....	19,394	278,798	159,543	1929.....	2,208	61,328	32,688
1906-1910.....	22,993	277,333	162,916	1930.....	2,286	50,748	19,538
1911-1915.....	22,968	338,384	189,626	1931.....	2,396	30,932	8,970
1916-1920.....	17,246	326,009	298,852	1932.....	2,449	23,981	6,763
1921-1925.....	12,229	314,190	259,162	1933.....	2,556	23,003	8,051
1926-1930.....	11,259	293,692	159,829	1934.....	3,091	32,725	21,156
1931-1935.....	14,102	156,565	77,948	1935.....	3,609	45,924	33,008
1936.....	4,565	56,518	38,256	1936.....	4,357	63,812	49,423
1937.....	4,375	56,515	37,300	1937.....	4,805	71,942	55,647
1938.....	4,574	52,441	28,051	1938.....	5,090	62,665	40,511
1939.....	4,822	54,722	28,455	1939.....	5,611	65,120	44,202
1940.....	4,657	57,138	30,855	1940.....	6,003	69,586	49,483
1941.....	4,687	60,399	32,616	1941.....	5,976	72,336	51,439
1942.....	4,521	63,767	39,198	1942.....	3,742	56,091	39,887
1943.....	4,300	66,802	40,348	1943.....	1,395	40,900	29,085
1944.....	4,573	72,455	40,068	1944.....	1,022	35,651	25,352
1945.....	4,888	74,961	37,397	1945.....	929	29,063	20,667
1946.....	4,479	74,415	48,953	1946.....	1,462	21,103	( <sup>1</sup> )

STATE OR OTHER AREA	GOLD (1,000 FINE OUNCES)					SILVER (1,000 FINE OUNCES)				
	1930	1940	1944	1945	1946	1930	1940	1944	1945	1946
<b>Total.....</b>	<b>2,286</b>	<b>6,003</b>	<b>1,022</b>	<b>929</b>	<b>1,462</b>	<b>50,748</b>	<b>69,586</b>	<b>35,651</b>	<b>29,063</b>	<b>21,103</b>
Alaska.....	407	757	51	60	192	392	173	15	9	36
Arizona.....	149	299	128	78	70	4,910	6,130	4,674	3,411	2,991
California.....	450	1,444	116	143	350	1,434	2,225	792	950	1,196
Colorado.....	218	369	111	102	130	4,852	9,378	2,136	2,407	2,041
Idaho.....	21	145	22	19	30	9,710	17,477	10,645	8,228	6,219
Michigan.....						11	90	54	20	
Missouri.....								104	21	68
Montana.....	47	273	49	42	62	8,597	12,152	6,669	5,494	2,748
Nevada.....	140	380	116	91	90	4,179	5,102	1,408	1,156	1,339
New Mexico.....	32	39	12	13	9	1,160	1,576	545	654	477
Oregon.....	14	114	1	1	17	10	192	19	12	8
South Dakota.....	406	587	11	41	308	105	171	5	41	89
Texas.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )		( <sup>4</sup> )	469	1,295	21	21	34
Utah.....	209	352	354	271	152	14,451	11,686	8,105	6,244	3,531
Washington.....	4	84	50	53	50	30	389	317	288	249
Philippine Islands.....	185	1,140		13	( <sup>4</sup> )	121	1,299		17	( <sup>1</sup> )
Other.....	3	20	3	2	1	317	251	141	90	77

<sup>1</sup> For 1921, 1922, and first half of 1923, price taken at figure of \$1 per ounce fixed by Pittman Act.

<sup>2</sup> Value 1934-37 calculated on basis of average amount per ounce returned to depositors of newly-mined domestic silver: 1934, \$0.64+ per fine ounce; 1935, \$0.71875; 1936, \$0.7745; 1937, \$0.7735. Value thereafter calculated on basis of amount per fine ounce returned to depositors of newly-mined domestic silver produced: In 1938, \$0.6464+; 1939, \$0.6787+; July 1, 1939-46, \$0.7111+; subsequent to July 1, 1946, \$0.905.

<sup>3</sup> Not calculated.

<sup>4</sup> Less than 500 ounces.

<sup>5</sup> Excluded after 1945.

Source: Treasury Department, Bureau of the Mint; Annual Report of the Director.

## No. 846.—GOLD AND SILVER FOR USE IN MANUFACTURES AND THE ARTS

YEARLY AVERAGE OR YEAR	GOLD IN THOUSANDS OF DOLLARS <sup>1</sup>					SILVER IN THOUSANDS OF FINE OUNCES				
	Grand total	New material			Old material	Grand total	New material			Old material
		Total	United States coin <sup>2</sup>	Bullion and foreign coin			Total	United States coin	Bullion and foreign coin	
1880.....	10, 103	8, 811	3, 300	5, 511	1, 204	2, 794	2, 500	464	2, 136	304
1881-1885.....	12, 568	10, 706	3, 713	6, 991	1, 953	4, 155	3, 840	165	3, 675	315
1886-1890.....	16, 041	12, 012	3, 500	8, 512	4, 029	5, 602	4, 986	165	4, 821	616
1891-1895.....	16, 508	11, 448	3, 500	7, 948	5, 060	7, 997	7, 046	108	6, 938	951
1896-1900.....	16, 965	12, 899	3, 500	9, 399	4, 087	10, 214	9, 014	77	8, 937	1, 200
1901-1905.....	28, 496	21, 718	3, 500	18, 218	4, 778	19, 526	16, 524	77	16, 447	2, 002
1906-1910.....	38, 149	30, 441	3, 500	26, 941	7, 708	24, 553	20, 384	77	20, 307	2, 669
1911-1915.....	40, 568	30, 621	2, 500	28, 121	9, 967	30, 444	23, 516	77	23, 438	6, 926
1916-1920.....	61, 864	39, 631	1, 000	38, 631	22, 033	31, 214	22, 089	77	22, 011	9, 126
1921-1925.....	89, 596	30, 321	1, 000	29, 321	29, 275	36, 806	28, 616	77	28, 539	8, 189
1926-1930.....	65, 197	24, 747	1, 000	23, 747	30, 450	38, 451	28, 187	77	28, 110	10, 263
1931-1935.....	21, 289	20, 101	420	19, 681	41, 384	35, 631	13, 278	77	13, 201	20, 353
1936-1940.....	36, 543	4, 150		4, 150	32, 393	52, 481	31, 232	77	31, 155	21, 249
1939.....	38, 789	7, 461		7, 461	31, 328	60, 583	44, 613	77	44, 536	24, 972
1940.....	41, 178	13, 306		13, 306	27, 872	67, 063	44, 409	77	44, 332	22, 664
1941.....	67, 977	37, 002		37, 002	30, 975	92, 794	72, 509	77	72, 432	20, 285
1942.....	75, 742	47, 296		47, 296	28, 448	131, 419	101, 399	77	101, 321	30, 031
1943.....	96, 664	66, 343		66, 343	10, 521	142, 113	118, 000	77	117, 923	44, 113
1944.....	122, 977	97, 296		97, 296	25, 679	178, 289	120, 100	77	120, 023	58, 189
1945.....	139, 936	108, 944		108, 944	30, 992	184, 661	126, 300	308	126, 001	58, 361
1946.....	160, 687	153, 687		153, 687	46, 000	123, 647	87, 000	89	86, 911	36, 647

<sup>1</sup> Value prior to 1934 calculated on basis of \$20.67+ per fine ounce, in 1934 and thereafter, \$35.00 per fine ounce.<sup>2</sup> U. S. gold coin not a factor after passage of Gold Reserve Act of Jan. 30, 1934.<sup>3</sup> Excess of return from industry over new material issued to industry.

## No. 847.—SILVER—PRICES, LONDON AND NEW YORK, AND VALUE IN THE DOLLAR: 1835 TO 1946

[London price converted to basis of ounce 1,000 fine and converted to American money at par of exchange through 1930; from 1931 through 1944, at current rate of exchange. London quotations in depreciated currency after Sept. 21, 1931, also for some prior years, including 1918 to 1924. New York quotations in depreciated currency after early March 1933. Commercial ratio computed on basis of London quotations through 1914; thereafter, on basis of New York average price. Beginning 1945, London and New York prices converted to basis of ounce 0.999 fine at current rate of exchange. Beginning 1934, monetary value of gold is \$35.00 per fine ounce, as against \$20.67+ in previous years. Value of fine silver (371¼ grains) in dollar computed on basis of London quotations through 1917; thereafter, on basis of New York average price]

[All figures, except "Commercial ratio to gold," expressed in dollars]

CALENDAR YEAR	Lon- don, per fine ounce	NEW YORK, PER FINE OUNCE			Com- mer- cial ratio to gold	Value of silver in dol- lar	CALENDAR YEAR	Lon- don, per fine ounce	NEW YORK, PER FINE OUNCE			Com- mer- cial ratio to gold	Value of silver in dol- lar	
		Aver- age	High	Low					Aver- age	High	Low			
1835	1 308				15.80		1919	1 260	1 121	1.383	1.014	18.44	0.987	
1840	1 323				15.62	1 023	1920	1,346	1 019	1 379	.604	20.28	.788	
1845	1 298				15.92	1 004	1921		806	.631	.738	.532	32.76	.488
1850	1 316				15.70	1 018	1922		.754	.679	.742	.629	30.43	.526
1855	1 344				15.38	1 039	1923		.700	.682	.690	.629	31.69	.508
1860	1 352				15.20	1 046	1924		.745	.671	.724	.630	30.80	.519
1865	1 338				16.44	1 035	1925		.703	.694	.732	.668	29.78	.587
1870	1 328				15.57	1 027	1926		.629	.624	.669	.518	33.11	.463
1875	1 242	1 239	1 261	1 210	16.64	.911	1927		.671	.567	.603	.542	36.47	.441
1880	1 145	1 139	1 160	1 113	18.06	.886	1928		.586	.525	.639	.568	35.34	.462
1885	1 065	1 064	1 098	1 028	19.41	.824	1929		.536	.533	.578	.498	38.78	.412
1890	1 040	1 053	1 205	.958	19.75	.809	1930		.387	.385	.472	.311	63.74	.308
1895	.654	.663	.690	.600	31.60	.506	1931		.292	.290	.376	.261	71.25	.234
1900	.620	.621	.658	.608	33.33	.480	1932		.281	.282	.313	.246	73.20	.218
1905	.610	.610	.666	.556	33.87	.472	1933		.346	.380	.458	.248	59.06	.271
1906	.677	.674	.724	.631	30.54	.524	1934		.481	.483	.561	.421	72.49	.373
1907	.662	.660	.710	.528	31.34	.512	1935		.639	.646	.813	.501	64.19	.509
1908	.635	.636	.689	.483	38.64	.414	1936		.449	.454	.501	.451	77.09	.351
1909	.620	.622	.645	.508	39.74	.402	1937		.447	.452	.471	.451	77.44	.380
1910	.641	.642	.676	.508	38.22	.418	1938		.430	.435	.451	.431	80.30	.337
1911	.539	.540	.575	.521	38.83	.417	1939		.408	.394	.431	.351	88.84	.305
1912	.618	.620	.656	.553	38.62	.475	1940		.384	.351	.389	.351	99.76	.371
1913	.606	.612	.651	.580	34.19	.468	1941		.425	.351	.354	.351	90.73	.271
1914	.553	.563	.609	.490	37.37	.428	1942		.427	.386	.451	.364	90.57	.289
1915	.519	.511	.580	.478	40.49	.401	1943		.427	.451	.451	.451	77.67	.369
1916	.686	.672	.791	.573	30.78	.531	1944		.427	.451	.451	.451	77.67	.369
1917	.895	.840	1 165	.781	24.61	.592	1945		.513	.522	.711	.451	67.00	.404
1918	1 042	.984	1 019	.889	21.00	.761	1946		.818	.857	.904	.601		.609

Source of tables 846 and 847: Treasury Dept., Bureau of the Mint; Annual Report of the Director.

## No. 848.—COKE—PRODUCTION, EXPORTS, AND IMPORTS: 1896 TO 1946

YEARLY AVERAGE OR YEAR	PRODUCTION IN THOUSANDS OF SHORT TONS (2,000 POUNDS)			Oven coke, percent of total	Production (value) in thousands of dollars	EXPORTS	IMPORTS <sup>1</sup>
	Total	Beehive coke	Oven coke			Thousands of short tons (2,000 pounds)	
1896-1900.....	16,285	15,741	524	3.2	30,293	266	54
1901-1905.....	25,673	23,566	2,107	8.2	58,581	519	180
1906-1910.....	36,848	31,296	5,552	15.1	91,068	904	169
1911-1915.....	40,394	26,000	11,394	28.2	103,739	897	98
1916-1920.....	52,429	27,733	24,696	47.1	320,799	1,182	34
1921-1925.....	42,985	11,026	31,959	74.4	251,987	734	99
1926-1930.....	53,724	6,667	47,057	87.6	262,212	1,027	171
1931-1935.....	29,965	927	29,038	98.9	145,035	715	171
1936-1940.....	46,509	2,042	44,467	95.8	229,455	616	201
1941.....	53,484	1,128	52,356	96.6	161,609	754	100
1942.....	21,789	652	21,137	97.0	104,337	630	117
1943.....	27,889	911	26,978	96.7	122,951	638	161
1944.....	31,822	1,029	30,793	96.8	159,426	943	161
1945.....	35,141	917	34,224	97.4	176,853	614	217
1946.....	46,273	1,706	44,569	96.3	232,374	670	230
1947.....	52,275	3,155	49,121	94.0	261,004	527	286
1948.....	32,496	837	31,658	97.4	167,182	487	125
1949.....	44,327	1,444	42,883	96.7	212,894	590	142
1940.....	57,072	3,058	54,014	94.6	273,832	804	113
1941.....	65,187	6,704	58,483	89.7	352,967	709	268
1942.....	70,569	6,274	62,295	88.3	425,614	840	109
1943.....	71,676	7,933	63,743	88.9	478,117	995	96
1944.....	74,038	6,973	67,065	90.6	527,922	867	63
1945.....	67,308	5,214	62,094	92.3	508,540	1,479	82
1946.....	58,498	4,568	53,929	92.2	486,729	1,231	82

<sup>1</sup> Before 1934, figures represent general imports, thereafter, imports entered for consumption.

## No. 849.—COKE—OVEN AND BEEHIVE PRODUCTION, BY STATES: 1915 TO 1946

(In thousands of short tons (2,000 pounds). Exclusive of screenings or breeze)

STATE	1915	1920	1925	1930	1935	1940	1943	1944	1945	1946
<b>OVEN</b>										
Total.....	14,973	26,534	39,912	45,194	34,224	54,614	62,742	67,965	62,694	53,929
Alabama.....	2,070	3,124	4,583	3,987	1,994	4,727	5,316	5,728	5,401	4,605
Colorado.....		517	799	379	207	544	673	651	639	559
Illinois.....	1,637	2,137	3,012	3,576	1,699	3,015	3,879	3,879	3,682	3,192
Indiana.....	2,768	4,554	5,142	4,984	2,768	6,413	8,112	8,821	7,814	6,562
Maryland.....	313	682	1,019	1,169	930	1,683	2,080	2,088	2,025	1,662
Massachusetts.....	504	488	535	863	1,006	1,130	1,174	1,175	1,160	1,046
Michigan.....	( <sup>1</sup> )	1,353	1,751	2,604	2,482	2,872	2,948	3,005	2,806	2,800
Minnesota.....	128	675	518	641	534	534	956	894	836	851
New Jersey.....	269	726	904	919	917	1,616	1,014	1,023	1,284	1,259
New York.....	584	1,040	2,220	3,860	4,099	5,080	5,347	6,103	5,790	5,043
Ohio.....	666	5,615	7,105	6,163	5,101	7,896	10,271	10,320	9,406	8,462
Pennsylvania.....	3,092	7,730	9,853	12,529	8,078	14,862	16,519	16,977	15,255	12,796
West Virginia.....	141	447	1,056	1,479	1,604	1,900	2,512	2,626	2,463	2,163
All other States.....	1,749	1,706	1,725	2,051	1,939	2,350	3,114	3,773	3,558	3,083
<b>BEEHIVE</b>										
Total.....	27,506	29,511	11,385	2,776	917	3,663	7,933	6,873	5,214	4,565
Pennsylvania.....	22,531	15,908	9,574	2,011	564	2,580	6,834	6,171	4,584	4,027
Ohio.....	19	87	156							
West Virginia.....	1,250	1,381	490	422	155	233	424	379		221
Alabama.....	1,001	890	88				35			
Kentucky.....	285	273	( <sup>1</sup> )			( <sup>1</sup> )	29	66	74	85
Tennessee.....	234	163	128	25	3	8	49	9		
Virginia.....	630	1,028	422	220	136	196	293	363	191	171
Colorado.....	671	273	155	79	49	62	85	62	73	89
Utah.....	( <sup>1</sup> )	( <sup>1</sup> )	146	7	6	7	84	21	4	5
All other States.....	887	509	186	12	3	1				

<sup>1</sup> Included in figure for "all other States."

Source of tables 848 and 849: Department of the Interior, Bureau of Mines; Minerals Yearbook.



## No. 850.—COAL—PRODUCTION, 1821 TO 1946, AND BY STATES, 1926 TO 1946

[Quantities in thousands of short tons (2,000 pounds); values in thousands of dollars. Figures relate to mines having an output of 1,000 tons or more a year for 1919, 1921, 1924 and subsequent years. Includes coal consumed at mines. Figures for anthracite relate to Pennsylvania output only; those for bituminous relate to continental United States and Alaska. Bituminous coal includes lignite and small amounts of anthracite outside Pennsylvania. Comparatively little coal is held in stock at the mines]

YEAR OR YEARLY AVERAGE	QUANTITY			YEAR	QUANTITY			VALUE	
	Total	Anthracite	Bituminous		Total	Anthracite	Bituminous	Anthracite	Bituminous <sup>1</sup>
1821-1830.....	140	66	75	1923.....	667,804	87,927	584,565	506,787	1,514,821
1831-1840.....	1,037	722	310	1924.....	571,613	81,817	483,687	477,231	1,062,836
1841-1850.....	4,535	2,697	1,837	1925.....	581,870	84,437	520,053	327,665	1,060,402
1851-1860.....	12,513	7,645	4,868	1926.....	667,804	80,096	573,367	474,164	1,182,412
1861-1865.....	20,538	11,142	9,396	1927.....	597,850	75,348	517,763	420,942	1,029,657
1866-1870.....	31,706	16,281	15,425	1928.....	575,093	73,828	500,743	393,638	933,774
1871-1875.....	52,179	23,407	28,773	1929.....	608,817	69,346	534,960	385,643	962,781
1876-1880.....	62,261	25,800	36,461	1930.....	536,911	59,646	467,520	354,574	796,463
1881-1885.....	107,291	36,198	71,093	1931.....	441,735	49,856	392,089	296,355	589,806
1886-1890.....	128,398	42,962	85,436	1932.....	359,565	46,090	309,710	222,375	406,677
1891-1895.....	178,822	53,405	125,416	1933.....	383,172	51,487	333,631	206,718	445,788
1896-1900.....	227,123	55,625	171,498	1934.....	416,836	51,485	359,368	244,152	626,383
1901-1905.....	339,357	66,854	272,503	1935.....	424,532	56,580	372,373	210,131	668,063
1906-1910.....	454,555	81,142	373,413	1936.....	493,668	60,644	439,088	227,004	770,965
1911-1915.....	529,189	89,233	439,956	1937.....	497,387	63,701	443,531	197,599	864,042
1916-1920.....	626,386	92,741	533,645	1938.....	394,644	60,644	348,545	180,600	578,653
1921-1925.....	558,947	77,648	481,299	1939.....	445,342	63,701	384,855	187,175	728,348
1926-1930.....	595,497	76,619	518,878	1940.....	512,267	60,644	460,772	206,490	879,327
1931-1935.....	465,108	53,674	341,434	1941.....	570,517	60,644	514,149	240,275	1,125,363
1936-1940.....	468,860	51,101	417,758	1942.....	643,021	63,701	582,693	271,673	1,373,991
1919.....	553,962	88,092	465,860	1943.....	600,821	63,701	590,177	306,816	1,524,544
1920.....	638,265	89,598	548,667	1944.....	683,277	64,934	619,576	354,583	1,810,901
1921.....	506,395	90,473	415,922	1945.....	632,581	60,607	577,617	328,944	1,768,394
1922.....	476,951	54,683	422,268	1946.....	592,807	60,607	532,000	413,417	1,806,153

STATE	1926-1930	1931-1935	1936-1940	1941-1945	1942	1943	1944	1945	1946
Total quantity.....	595,497	465,108	468,860	636,037	643,021	660,821	683,277	632,581	592,807
Anthracite (Pa.).....	70,619	53,674	51,101	50,195	60,328	60,644	63,701	54,934	60,507
Bituminous.....	518,878	351,434	417,758	576,842	582,693	590,177	619,576	577,617	532,000
Alabama.....	18,380	9,252	12,620	17,783	19,301	17,160	18,752	18,236	14,780
Arkansas.....	1,579	1,012	1,387	1,821	1,983	1,718	1,972	1,854	1,540
Colorado.....	9,685	5,711	6,435	7,830	8,058	8,324	8,168	7,621	5,915
Illinois.....	57,310	40,198	48,367	68,442	65,071	72,681	76,792	73,011	62,554
Indiana.....	18,467	14,386	17,232	26,216	25,368	25,065	27,982	26,183	21,818
Iowa.....	3,879	3,492	3,376	2,869	2,948	2,771	2,161	2,046	1,554
Kansas.....	3,215	2,270	2,940	3,654	4,230	3,437	3,369	3,228	2,800
Kentucky.....	61,116	38,130	44,970	64,620	62,231	63,211	71,356	69,593	66,736
Maryland.....	2,700	1,654	1,496	1,854	2,001	1,933	1,870	1,763	2,010
Michigan.....	705	493	510	195	281	169	140	126	108
Missouri.....	3,538	3,624	3,577	3,947	3,520	4,310	4,779	3,983	( <sup>2</sup> )
Montana.....	3,139	2,306	2,671	4,268	3,929	4,833	4,844	4,467	3,800
New Mexico.....	2,612	1,338	1,378	1,600	1,669	1,851	1,744	1,484	1,250
North Dakota.....	1,622	1,750	2,161	2,447	2,537	2,600	2,356	2,622	2,714
Ohio.....	21,111	19,151	22,188	32,190	32,704	32,255	33,577	32,737	32,848
Oklahoma.....	3,346	1,308	1,444	2,623	2,387	2,839	3,209	2,909	2,510
Pennsylvania.....	137,038	58,592	101,656	138,876	144,073	141,030	146,052	132,985	125,155
Tennessee.....	5,544	4,062	5,197	7,184	8,158	7,179	7,266	6,271	6,180
Texas.....	1,107	738	616	200	304	183	169	80	80
Utah.....	4,683	2,846	3,378	6,012	5,517	6,556	7,119	6,679	5,980
Virginia.....	12,521	8,923	13,324	19,121	20,136	20,280	19,514	17,235	16,300
Washington.....	2,813	1,556	1,744	1,641	1,953	1,528	1,534	1,267	990
West Virginia.....	136,315	95,748	112,937	154,335	155,882	158,804	164,704	152,085	142,000
Wyoming.....	6,526	4,545	5,617	6,664	8,133	9,166	9,540	9,847	7,806
Other States and Alaska.....	246	201	233	374	356	356	407	385	438

<sup>1</sup> Excludes selling expenses through 1936 and for 1939. Data for other years include selling expenses.

<sup>2</sup> Preliminary estimate.

<sup>3</sup> Included with Kansas.

<sup>4</sup> Includes Missouri.

<sup>5</sup> Includes South Dakota.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.



# No. 851.—COAL—EXPORTS, IMPORTS, AND BUNKER COAL LADEN ON VESSELS IN FOREIGN TRADE: 1891 TO 1946

[Quantities in thousands of long tons (2,240 pounds); values in thousands of dollars]

YEARLY AVERAGE OR YEAR	TOTAL EXPORTS <sup>1</sup>		ANTHRACITE EXPORTS		BITUMINOUS EXPORTS <sup>1</sup>		TOTAL IMPORTS <sup>2</sup>		BUNKER COAL	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1891-1892 <sup>3</sup>	3,028	10,012	1,128	4,929	1,900	5,081	1,237	3,984		
1894-1900 <sup>4</sup>	4,710	13,300	1,469	6,268	3,241	7,032	1,403	3,831		
1901-1905 <sup>5</sup>	7,750	24,254	1,846	8,782	5,903	15,472	2,287	6,376		
1906-1910 <sup>6</sup>	12,018	36,805	2,646	13,034	9,372	23,770	1,727	4,530	<sup>7</sup> 5,638	<sup>8</sup> 18,291
1911-1915	19,132	58,362	3,753	19,624	15,379	38,738	1,437	4,069	7,289	23,890
1916-1920	27,160	151,356	4,647	32,960	22,513	118,396	1,258	5,788	7,389	43,973
1921-1925	19,652	124,958	3,502	38,476	16,350	96,482	1,533	11,364	4,908	31,588
1926-1930	21,322	115,057	2,973	32,750	18,349	82,308	865	6,717	4,353	23,126
1931-1935	10,288	47,942	1,254	12,487	9,034	35,455	672	4,296	1,385	6,709
1936-1940	13,055	62,696	1,921	16,867	11,133	45,828	<sup>9</sup> 890	<sup>10</sup> 3,327	1,376	7,370
1939	12,661	62,698	2,313	19,920	10,349	42,778	<sup>11</sup> 583	<sup>12</sup> 3,376	1,318	7,131
1940	17,084	82,043	2,382	21,210	14,702	60,832	<sup>13</sup> 453	<sup>14</sup> 2,477	1,273	6,859
1941	21,536	113,704	3,018	27,691	18,518	86,013	<sup>15</sup> 415	<sup>16</sup> 2,150	1,467	8,900
1942	24,448	144,453	3,963	38,287	20,485	106,168	<sup>17</sup> 570	<sup>18</sup> 3,066	1,415	9,411
1943	26,763	163,023	3,895	37,642	22,868	125,182	<sup>19</sup> 825	<sup>20</sup> 4,464	1,470	10,496
1944	26,961	172,910	3,737	40,560	23,223	132,330	<sup>21</sup> 576	<sup>22</sup> 3,071	1,392	9,940
1945	28,257	184,399	3,296	36,435	24,961	147,964	<sup>23</sup> 418	<sup>24</sup> 2,295	1,594	11,911
1946	42,594	301,931	5,801	63,844	36,793	238,087	<sup>25</sup> 444	<sup>26</sup> 2,308	1,233	9,994

<sup>1</sup> Not including fuel or bunker coal laden on vessels engaged in foreign trade.

<sup>2</sup> Including lignite, slack, and culm. <sup>3</sup> Fiscal years ending June 30. <sup>4</sup> Average, July 1, 1905-Dec. 31, 1910.

<sup>5</sup> Not including data for coal laden on vessels on Great Lakes in 1906, 1907, and 1908.

<sup>6</sup> Imports for consumption, general imports prior to 1933.

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941; Bureau of Census thereafter. Annual report, Foreign Commerce and Navigation of the U. S.

# No. 852.—COAL—SHIPMENTS, VALUE, AND EMPLOYMENT IN MINES: 1890 TO 1946

CALENDAR YEAR	DISPOSITION OF COAL PRODUCED THOUSAND TONS (2,000 POUNDS)				Average value per ton at mines (1)	Average number of men em- ployed	Average number of days worked	AVERAGE TON- NAGE PER MAN—		Percent mined by ma- chine (2)	Capa- city of mines <sup>3</sup> (mil- lion tons <sup>4</sup> )
	Loaded for ship- ment	Used locally	Used by mines	Made into coke at mines				Per day	Per year		
ANTHRACITE											
1890	41,011	2,001	3,457		\$1.43	126,000	203	1.83	369	(3)	71
1895	52,093	1,315	4,591		1.41	142,917	198	2.07	409	(4)	90
1900	80,710	1,208	5,550		1.49	144,206	196	2.40	398	(5)	103
1905	69,053	1,571	7,038		1.63	163,406	218	2.18	470	(6)	110
1910	73,623	2,021	8,841		1.90	169,497	239	2.17	498	(7)	112
1915	76,906	2,092	9,997		2.07	176,552	230	2.19	544	1.5	114
1920	76,844	2,897	9,858		4.45	145,074	271	2.38	618	1.1	101
1925	53,768	2,885	5,164		5.30	166,312	182	2.12	396	1.8	103
1930	61,202	3,144	5,038		5.11	166,664	206	2.21	460	2.0	96
1935	46,538	2,878	2,746		4.03	103,206	189	2.08	363	2.5	84
1940	46,176	2,053	2,256		3.99	91,318	186	2.03	362	3.5	84
1943	54,036	4,234	2,374		5.00	79,183	270	2.78	781	2.7	67
1944	57,641	3,766	2,295		5.57	77,691	262	2.79	615	2.1	66
1945	48,542	4,274	2,118		5.90	72,842	266	2.79	781	2.2	63
1946	54,109	4,436	1,963		6.63	76,165	271	2.84	770	2.0	67
BITUMINOUS											
1890	87,373	7,008	1,607	15,332	.99	192,304	226	2.06	479	4.5	131
1895	106,287	8,340	2,086	18,404	.90	239,062	194	2.61	543	11.9	216
1900	173,072	7,868	3,740	27,610	1.04	304,378	234	2.56	697	34.9	261
1905	255,201	10,639	7,007	42,412	1.06	400,820	311	3.34	684	32.8	459
1910	342,969	12,287	9,665	52,187	1.12	555,813	317	3.46	781	41.7	592
1915	379,877	12,354	9,799	40,595	1.13	567,460	293	3.91	794	55.0	671
1920	504,873	21,289	11,896	30,698	1.76	639,547	220	4.00	681	59.8	798
1925	477,173	21,351	5,776	15,753	2.04	668,463	198	4.52	664	70.6	823
1930	437,399	22,121	3,993	4,014	1.79	493,202	187	5.06	946	77.5	770
1935	338,069	29,734	3,103	1,469	1.77	462,403	179	4.80	605	78.8	640
1940	400,881	44,903	2,443	4,045	1.91	439,078	202	5.19	1,049	80.1	703
1943	529,052	53,238	2,702	8,185	2.69	410,007	264	5.38	1,419	78.1	689
1944	568,654	80,662	2,713	7,527	2.92	389,747	276	5.67	1,573	76.8	686
1945	518,020	51,248	2,442	5,907	3.06	383,100	261	5.78	1,504	73.5	682

<sup>1</sup> Figures for bituminous coal represent average value per ton less selling expense (Bur. of Mines series) prior to 1937; thereafter, average gross realization including selling expense (Bit. Coal Div. series).

<sup>2</sup> Based on total production as shown in table 850.

<sup>3</sup> Calculated at 303.5 working days in the anthracite field and 308 working days in the bituminous field.

<sup>4</sup> Of 2,000 pounds.

<sup>5</sup> Not available.

<sup>6</sup> 1891.

<sup>7</sup> 1890.

Source: Department of Interior, Bureau of Mines; Minerals Yearbook.

### No. 853.—CONSUMPTION OF BITUMINOUS COAL AND LIGNITE, BY CONSUMER CLASS, WITH RETAIL DELIVERIES: 1937 TO 1946

(In thousands of short tons)

YEAR	Total of classes shown	Colliery fuel	Electric power utilities <sup>1</sup>	Bunker, foreign trade <sup>2</sup>	Railroads (class I) <sup>3</sup>	COKE		Steel and rolling mills	Coal-gas retorts	Cement mills <sup>4</sup>	Other industrials <sup>5</sup>	Retail-dealer deliveries <sup>6</sup>
						Bee-hive ovens	By-product ovens					
1937	432,603	3,052	42,871	1,832	88,080	4,927	69,575	12,853	1,680	5,247	122,410	80,078
1938	338,086	2,469	38,245	1,352	73,921	1,360	45,266	8,412	1,444	4,483	92,300	69,520
1939	377,773	2,565	43,979	1,477	79,972	2,268	61,216	9,808	1,514	5,274	98,900	71,570
1940	432,757	2,443	50,973	1,426	85,130	4,803	76,583	10,440	1,746	5,433	106,280	87,700
1941	494,088	2,489	61,861	1,643	97,384	10,529	82,609	10,802	1,859	6,832	120,720	97,400
1942	542,714	2,708	63,636	1,865	116,410	12,876	87,974	10,434	1,721	7,570	131,550	104,730
1943	606,194	2,702	76,403	1,647	130,263	12,441	90,019	11,238	1,605	6,651	141,211	122,784
1944	661,830	2,712	78,897	1,550	132,049	10,858	94,438	10,734	1,545	3,789	130,353	124,906
1945	559,567	2,442	71,403	1,786	125,120	8,135	87,214	10,084	( <sup>7</sup> )	4,215	127,164	121,806
1946 <sup>8</sup>	600,332	2,250	68,739	1,391	110,166	6,821	76,178	8,603	( <sup>9</sup> )	5,969	118,650	100,896

<sup>1</sup> Federal Power Commission. Represents consumption by public-utility power plants in power generation, including a small quantity of coke amounting to approximately 100,000 tons annually.

<sup>2</sup> U. S. Bureau of Census.

<sup>3</sup> Association of American Railroads. Represents consumption by class I railways for all uses, including locomotive, powerhouse, shop, and station fuel. The I. C. C. reports that in 1945 consumption for all uses by class I line-haul railways, plus purchases for class II and class III railways, plus purchases by all switching and terminal companies combined, was 129,315,960 tons of bituminous coal and lignite. Similar data from the I. C. C. not yet available for 1946.

<sup>4</sup> Includes small amount of anthracite.

<sup>5</sup> Estimates based upon reports collected by Solid Fuels Administration from a selected list of representative manufacturing plants and retail dealers. Truck shipments from mines included "Other industrials."

<sup>6</sup> Included in "Other industrials."

<sup>7</sup> Preliminary.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

### No. 854.—WORK STOPPAGES<sup>1</sup> IN ANTHRACITE AND BITUMINOUS COAL MINING INDUSTRIES, BY MAJOR ISSUES INVOLVED: 1935 TO 1946

[Excludes strikes and lockouts involving fewer than 6 workers or lasting less than 1 day. Figures are for strikes beginning in years shown. For combined statistics covering strikes and lockouts in all industries, see table 243, p. 224]

COAL-MINING INDUSTRY AND YEAR	NUMBER OF STRIKES AND LOCK-OUTS				NUMBER OF WORKERS INVOLVED				NUMBER OF MAN-DAYS IDLE			
	Major issues				Major issues				Major issues			
	Total	Wages and hours	Union organization <sup>(2)</sup>	Miscellaneous	Total	Wages and hours	Union organization <sup>(2)</sup>	Miscellaneous	Total	Wages and hours	Union organization <sup>(2)</sup>	Miscellaneous
<b>Anthracite:</b>												
1935	23	7	1	25	50,191	9,517	1,100	39,574	788,724	75,604	41,800	671,320
1936	26	5	6	15	23,073	3,596	13,005	6,472	264,545	43,043	153,083	68,419
1937	32	13	1	18	59,600	24,902	480	34,218	606,666	144,546	15,360	446,746
1938	17	4	3	10	26,416	2,316	5,325	18,775	357,854	35,191	181,577	141,086
1939	25	3	5	17	—	2,813	1,057	18,794	77,909	3,773	15,271	58,865
1940	25	1	3	21	17,355	62	2,308	14,985	105,390	496	30,470	74,423
1941	27	5	1	21	136,888	92,567	1,532	42,779	423,299	97,023	5,308	320,068
1942	31	10	—	21	36,153	19,142	—	17,011	225,921	149,460	—	77,461
1943	30	12	—	18	117,623	88,296	—	29,327	1,836,486	1,552,467	—	284,020
1944	61	18	1	42	40,624	14,278	6,730	19,616	326,922	209,054	43,500	74,278
1945	43	18	—	25	87,700	74,500	—	13,200	1,163,000	1,108,000	—	55,000
1946	34	5	1	28	109,000	81,700	20	27,609	649,000	545,000	310	104,000
<b>Bituminous:</b>												
1935	42	10	12	20	420,574	403,790	3,174	13,610	2,971,449	2,860,358	24,178	86,913
1936	33	6	9	24	10,648	1,378	2,934	15,339	533,314	356,088	43,431	133,835
1937	54	11	21	22	99,253	45,913	27,878	25,462	1,924,951	1,048,642	400,759	475,530
1938	27	6	10	11	9,505	2,195	2,324	4,985	132,855	8,422	24,151	100,282
1939	25	2	11	12	355,383	1,102	346,524	7,757	7,302,556	22,243	7,191,984	83,329
1940	34	4	10	20	24,372	272	3,451	20,649	163,290	15,964	16,214	121,126
1941	75	19	13	43	593,352	283,829	63,180	146,343	5,747,966	5,589,678	710,220	448,068
1942	96	26	11	60	43,774	15,551	3,137	25,086	264,468	134,100	15,532	114,736
1943	400	177	17	206	467,474	423,801	3,137	60,536	7,510,397	7,247,829	23,141	239,427
1944	792	208	52	532	229,907	50,918	46,207	132,782	1,056,341	207,859	266,646	581,836
1945 <sup>3</sup>	508	144	49	399	581,500	203,100	238,500	139,400	2,007,000	984,000	3,306,000	712,000
1946	485	102	42	341	834,000	708,000	10,200	116,000	19,500,000	18,800,000	142,000	512,000

<sup>1</sup> Formerly designated "strikes and lockouts."

<sup>2</sup> Wages and hours were important issues also in some of these disputes. This is especially true in recent years.

<sup>3</sup> Totals include 6 stoppages, involving 500 workers and 2,000 man-days, in which issues were not reported.

Source: Department of Labor, Bureau of Labor Statistics; Bulletin No. 681, Strikes in the United States, 1880-1936; annual bulletins on work stoppages, and official records.

**No. 855.—COAL—AVERAGE RETAIL PRICES AND INDEXES FOR LARGE CITIES COMBINED: 1929 TO 1947**

[Unweighted average for bituminous; weighted average for anthracite. Prices not directly comparable because of change in number of dealers reporting, number of quotations received, or number of cities from which prices are collected over period covered]

YEAR AND MONTH	AVERAGE PRICE PER TON OF 2,000 POUNDS			INDEX (OCTOBER 1929- SEPTEMBER 1925=100)		
	Bitumi- nous	Pennsylvania an- thracite		Bitumi- nous	Pennsylvania an- thracite	
		Stove	Chestnut		Stove	Chestnut
1929.....	\$8.85	\$14.14	\$13.70	91.5	100.5	97.7
1932.....	7.71	12.55	12.45	79.7	89.2	88.7
1935.....	8.29	11.38	11.14	85.7	80.9	79.4
1938.....	8.51	10.96	11.11	88.7	77.9	79.1
1941.....	9.10	11.92	11.97	92.6	84.7	85.2
1942.....	9.94	13.15	13.20	100.9	99.4	98.9
1944.....	10.27	13.99	13.94	104.3	98.7	99.2
1945.....	10.49	14.35	14.43	105.5	102.1	102.7
1946.....	10.95	15.96	15.97	112.5	113.4	113.8
1947.....	12.99	17.23	17.11	131.0	123.0	123.7
1946: September.....	11.10	16.79	16.81	116.2	119.5	119.8
December.....	11.22	16.75	16.63	117.6	119.2	119.6
1947: March.....	11.99	16.99	16.83	122.3	121.1	121.6
June.....	12.10	16.28	16.17	123.6	116.0	116.8
September.....	14.04	17.80	17.71	139.4	127.5	128.3
December (preliminary).....	14.50	18.14	18.02	144.3	129.9	130.3

Source: Department of Labor, Bureau of Labor Statistics; data through 1941 from Bulletin No. 707. Later data published currently in monthly releases and in Monthly Labor Review.

**No. 856.—NATURAL GAS AND NATURAL GASOLINE—PRODUCTION, 1906 TO 1946, AND BY STATES, 1930 TO 1946**

[Quantities of gas in millions of cubic feet, of gasoline in thousands of gallons; values in thousands of dollars. Production figures for gas refer only to that marketed, in addition to which considerable quantities are used by producers, and large quantities are wasted or lost. Values given are at point of consumption. Consumption figures by States differ greatly from production figures by reason of interstate transportation]

YEARLY AVERAGE	NATURAL GAS PRODUCED AND MARKETED		NATURAL GASOLINE			YEAR	NATURAL GAS PRODUCED AND MARKETED		NATURAL GASOLINE		
	Quan- tity	Value	Gas treated	Produc- tion	Value		Quan- tity	Value	Gas treated	Produc- tion	Value
1906-1910.....	437,057	57,940	—	—	—	1940.....	2,690,222	577,939	2,471,400	2,319,400	68,261
1911-1915.....	575,708	88,492	11,602	30,317	2,481	1941.....	2,812,658	621,333	2,763,300	2,689,714	105,813
1916-1920.....	762,681	154,590	412,787	268,038	48,174	1942.....	3,053,475	692,737	2,904,400	2,725,968	102,565
1921-1925.....	947,416	229,002	826,445	762,151	82,205	1943.....	3,414,680	760,950	3,028,000	2,773,218	122,500
1926-1930.....	1,637,540	362,238	1,613,812	1,852,490	136,123	1944.....	3,711,039	797,255	3,700,000	3,031,308	146,200
1931-1935.....	1,607,043	394,149	1,087,902	1,592,613	89,761	1945.....	3,918,696	857,862	3,653,870	3,290,949	145,570
1936-1940.....	2,401,592	523,609	2,116,152	2,105,410	85,455	1946.....	4,095,000	885,032	3,739,000	3,435,535	142,900

STATE	NATURAL GAS PRODUCED AND MARKETED					Natural gas con- sumed, ■	NATURAL GASOLINE PRODUCED		
	1930	1935	1940	1944	■		1944	1945	1946 <sup>1</sup>
Total.....	1,943,421	1,916,596	2,660,222	3,711,039	3,918,696	3,990,479	3,031,309	3,290,949	3,435,535
Arkansas.....	18,585	6,167	14,379	46,453	46,600	91,198	43,701	51,632	50,198
California.....	334,789	284,109	351,950	502,017	502,442	502,442	632,768	731,422	732,079
Illinois.....	2,890	1,448	8,359	18,137	18,663	121,366	61,381	55,023	53,612
Kansas.....	27,630	57,125	90,003	157,733	145,949	160,406	54,045	58,309	68,269
Kentucky.....	28,023	30,738	53,058	94,223	81,714	26,802	10,997	9,395	9,227
Louisiana.....	278,341	249,450	343,191	534,688	542,789	325,858	409,824	428,404	449,057
Michigan.....	2,075	4,203	12,648	19,853	21,874	59,594	4,055	5,210	4,690
Montana.....	10,060	19,870	26,231	32,102	31,829	29,575	2,690	2,876	2,634
New Mexico.....	9,497	27,931	63,990	87,727	105,023	71,459	69,529	96,043	87,003
New York.....	9,634	8,288	12,187	7,052	9,210	29,577	12	8	8
Ohio.....	63,294	49,592	40,639	51,724	49,967	172,256	7,262	6,452	6,244
Oklahoma.....	348,116	274,313	257,629	310,888	357,530	249,927	301,246	284,334	285,021
Pennsylvania.....	88,706	94,464	80,725	92,967	92,190	149,092	17,023	13,594	10,726
Texas.....	517,880	642,366	1,063,538	1,525,513	1,711,401	1,348,140	1,324,877	1,467,134	1,581,451
West Virginia.....	144,180	115,772	188,751	181,452	160,225	84,757	57,208	53,242	60,615
Wyoming.....	43,219	25,643	27,346	34,521	35,202	21,442	34,415	25,573	25,691

<sup>1</sup> Preliminary. <sup>2</sup> Includes States not shown separately.  
<sup>3</sup> Includes 685,000,000 cubic feet piped to Mexico in 1940, 1,474,000,000 in 1944, and 3,281,000,000 in 1946.  
<sup>4</sup> Includes 107,000,000 cubic feet piped to Canada in 1930, 29,000,000 in 1935, 54,000,000 in 1940, 31,000,000 in 1944, and 31,000,000 in 1945.  
<sup>5</sup> Includes 44,000,000 cubic feet piped to Canada in 1935, 36,000,000 in 1940, 112,000,000 in 1944, and 160,000,000 in 1946.  
<sup>6</sup> Includes 1,691,000,000 cubic feet piped to Mexico in 1930, 6,727,000,000 in 1935, 4,798,000,000 in 1940, 12,960,000,000 in 1944, and 14,735,000,000 in 1945. <sup>7</sup> Includes Utah and Colorado.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 857.—GAS UTILITY INDUSTRY—CUSTOMERS AND REVENUES, BY CLASS OF SERVICE: 1932 TO 1946

[Covers natural, manufactured, mixed, and liquid petroleum gas. Based on questionnaire mailed to all privately owned gas utilities and municipally owned gas departments in the United States, except those with annual revenues less than \$25,000, which in the aggregate account for only a negligible portion of the industry]

YEAR	CUSTOMERS (1,000) <sup>1</sup>				REVENUES (\$1,000)			
	Total	Residen- tial	Commer- cial <sup>2</sup>	Other	Total	Residen- tial	Commer- cial <sup>2</sup>	Other
1932.....	15, 536	14, 785	742	9	723, 272	553, 091	167, 128	3, 053
1933.....	15, 199	14, 432	757	10	679, 914	510, 040	166, 865	3, 009
1934.....	15, 511	14, 644	854	13	702, 614	504, 742	194, 497	3, 375
1935.....	15, 874	14, 985	877	12	727, 092	512, 603	210, 994	3, 495
1936.....	16, 185	15, 235	938	12	770, 242	522, 110	244, 481	3, 651
1937.....	16, 620	15, 647	961	12	801, 197	531, 938	265, 117	4, 142
1938.....	16, 907	15, 917	978	12	777, 074	532, 045	241, 059	3, 970
1939.....	17, 147	16, 142	993	12	814, 009	546, 866	263, 293	3, 850
1940.....	17, 622	16, 590	1, 020	12	871, 740	584, 417	283, 170	4, 153
1941.....	18, 149	17, 097	1, 040	12	914, 034	587, 650	320, 919	5, 465
1942.....	18, 759	17, 688	1, 066	15	994, 316	633, 445	353, 987	6, 884
1943.....	19, 088	18, 024	1, 062	12	1, 064, 040	661, 587	394, 492	7, 961
1944.....	19, 585	18, 483	1, 089	13	1, 108, 157	689, 683	410, 453	8, 021
1945.....	19, 977	18, 690	1, 275	12	1, 150, 622	711, 767	422, 948	15, 907
1946.....	20, 637	19, 246	1, 376	15	1, 211, 262	761, 274	438, 098	11, 890

<sup>1</sup> Figures are yearly averages.  
<sup>2</sup> Industrial customers are included with commercial; not available separately before 1945.  
Source: American Gas Association, New York, N. Y. Yearbook, Gas Facts.

No. 858.—MANUFACTURED GAS—SOLID FUELS AND OIL USED BY UTILITIES, BY TYPE OF USE: 1932 TO 1946

[Solid fuels in thousands of tons; oil in millions of gallons. See headnote, table 857]

FUEL AND TYPE OF USE	1932	1935	1940	1942	1944	1945	1946
ANTHRACITE COAL							
Total.....	115	126	214	300	291	292	347
Water gas generator fuel.....	33	44	86	93	115	94	113
Boiler fuel.....	82	82	128	191	162	160	188
Other.....				<sup>1</sup> 16	<sup>1</sup> 14	<sup>2</sup> 38	<sup>2</sup> 46
BITUMINOUS COAL							
Total.....	8, 103	7, 849	6, 882	7, 730	7, 860	8, 009	7, 631
Water gas generator fuel.....	477	480	304	413	408	432	435
Boiler fuel.....	428	382	340	398	446	462	473
Oven and retort charge.....	7, 191	6, 972	6, 220	6, 902	7, 000	7, 167	6, 720
Bench and producer fuel.....	7	15	18	17	6	8	3
COKE							
Total.....	2, 915	2, 589	2, 599	2, 808	3, 129	3, 538	3, 754
Water gas generator fuel.....	1, 595	1, 284	1, 552	1, 650	1, 942	2, 213	2, 430
Boiler fuel.....	539	512	384	453	484	585	590
Bench and producer fuel.....	781	793	663	700	703	740	<sup>3</sup> 734
OIL							
Total.....	603	510	677	752	837	927	1, 041
Water gas enricher.....	536	465	592	654	731	800	911
Boiler fuel.....	9	11	27	24	23	<sup>4</sup> 24	38
Oil gas production.....	58	34	58	74	83	103	92

<sup>1</sup> Bench and producer fuel.  
<sup>2</sup> Oven and retort charge.  
<sup>3</sup> Includes 9,000 tons used as oven and retort charge.  
<sup>4</sup> Includes 500,000 gallons used as bench and producer fuel.  
Source: American Gas Association, New York, N. Y.; yearbook, Gas Facts.

**No. 859.—GAS UTILITY INDUSTRY—CUSTOMERS AND REVENUES, BY TYPE OF GAS, CLASS OF SERVICE, AND STATE: 1946**

[See headnote, table 857]

TYPE OF GAS, DIVISION, AND STATE	CUSTOMERS (1,000) <sup>1</sup>					REVENUES (\$1,000)				
	Total	Residential	Commercial	Industrial	Other	Total	Residential	Commercial	Industrial	Other
<b>U. S., all types.....</b>	<b>20,635.3</b>	<b>19,245.7</b>	<b>1,288.7</b>	<b>87.1</b>	<b>14.8</b>	<b>1,211,262</b>	<b>761,274</b>	<b>153,781</b>	<b>284,317</b>	<b>11,890</b>
Manufactured gas.....	8,729.5	8,171.4	513.1	37.9	7.1	381,748	286,774	55,837	36,148	2,988
Natural gas.....	9,365.5	8,682.0	642.5	35.1	5.9	712,804	386,806	82,858	235,201	8,190
Mixed gas.....	2,418.1	2,281.3	121.7	13.7	1.4	110,625	83,636	13,529	12,636	625
Liquefied petroleum gas.....	123.2	111.0	11.4	.4	.4	6,086	4,258	1,537	133	120
<b>New England.....</b>	<b>1,653.1</b>	<b>1,477.1</b>	<b>68.7</b>	<b>6.8</b>	<b>.8</b>	<b>69,466</b>	<b>53,735</b>	<b>8,896</b>	<b>6,463</b>	<b>272</b>
Connecticut.....	350.7	332.9	16.0	1.7	.1	17,330	12,868	2,276	2,056	112
Maine.....	41.4	38.6	2.7	1	( <sup>2</sup> )	1,969	1,425	403	132	10
Massachusetts.....	949.0	901.8	42.6	4.0	.6	40,964	32,225	4,994	3,555	191
New Hampshire.....	37.7	35.3	2.3	1	( <sup>2</sup> )	1,688	1,270	345	67	6
Rhode Island.....	153.5	148.8	4.1	.5	1	6,654	5,270	731	602	51
Vermont.....	21.8	19.7	1.0	1	( <sup>2</sup> )	861	658	148	63	3
<b>Middle Atlantic.....</b>	<b>6,177.0</b>	<b>5,746.8</b>	<b>397.9</b>	<b>28.0</b>	<b>4.3</b>	<b>309,336</b>	<b>205,748</b>	<b>39,811</b>	<b>64,028</b>	<b>1,762</b>
New Jersey.....	1,082.7	1,013.2	63.7	5.6	.2	48,430	36,915	7,121	4,184	210
New York.....	3,375.8	3,129.8	228.6	14.4	3.0	142,956	108,842	21,387	16,737	990
Pennsylvania.....	1,718.5	1,603.8	105.6	8.0	1.1	108,950	64,991	10,304	33,104	552
<b>E. N. Central.....</b>	<b>4,914.9</b>	<b>4,623.3</b>	<b>268.3</b>	<b>21.0</b>	<b>2.3</b>	<b>273,525</b>	<b>176,703</b>	<b>29,939</b>	<b>65,899</b>	<b>956</b>
Illinois.....	1,556.2	1,468.3	78.0	9.8	.1	75,941	48,817	8,584	18,434	107
Indiana.....	497.0	472.2	22.4	1.5	.9	30,634	17,732	2,844	9,824	234
Michigan.....	949.7	901.5	44.4	3.8	( <sup>2</sup> )	51,541	36,332	5,054	10,090	95
Ohio.....	1,496.6	1,396.7	104.9	4.1	1.3	98,789	60,815	11,804	25,822	547
Wisconsin.....	415.4	395.0	18.6	1.8	( <sup>2</sup> )	16,621	13,006	1,853	1,700	2
<b>W. N. Central.....</b>	<b>1,574.9</b>	<b>1,471.7</b>	<b>95.4</b>	<b>7.2</b>	<b>.4</b>	<b>117,304</b>	<b>69,294</b>	<b>13,467</b>	<b>32,732</b>	<b>1,811</b>
Iowa.....	262.6	244.8	16.9	7	.2	13,049	9,801	1,950	3,442	47
Kansas.....	289.1	262.0	25.0	2.0	.1	31,022	14,764	3,698	11,443	919
Minnesota.....	307.3	291.2	14.8	1.3	( <sup>2</sup> )	19,330	12,584	1,954	4,790	3
Missouri.....	507.7	481.1	24.1	2.5	( <sup>2</sup> )	34,190	22,265	2,995	8,814	84
Nebraska.....	153.1	142.7	9.8	.6	( <sup>2</sup> )	12,972	7,277	1,525	3,613	556
North Dakota.....	23.2	21.2	1.9	( <sup>2</sup> )	.1	1,648	1,155	390	52	51
South Dakota.....	31.9	28.7	3.1	.1	( <sup>2</sup> )	3,123	1,648	747	579	131
<b>South Atlantic.....</b>	<b>1,387.4</b>	<b>1,288.1</b>	<b>92.4</b>	<b>3.3</b>	<b>3.6</b>	<b>66,406</b>	<b>56,977</b>	<b>12,118</b>	<b>16,396</b>	<b>1,816</b>
Delaware.....	45.3	42.9	2.3	.1	( <sup>2</sup> )	2,066	1,667	292	122	5
Dist. of Columbia.....	167.2	154.8	10.8	.4	1.2	10,370	7,968	1,384	629	300
Florida.....	150.2	139.0	9.7	.2	1.3	9,720	6,118	2,141	894	567
Georgia.....	157.6	144.6	11.7	1.0	.2	14,889	8,008	1,721	4,908	251
Maryland.....	333.4	311.4	21.1	.6	.1	16,017	11,604	2,058	2,153	303
North Carolina.....	63.5	57.3	5.9	.3	( <sup>2</sup> )	3,653	2,568	925	163	7
South Carolina.....	38.1	32.8	3.2	( <sup>2</sup> )	.1	2,092	1,515	497	67	13
Virginia.....	193.7	185.3	7.6	.3	.5	9,830	7,802	1,313	651	164
West Virginia.....	240.6	219.8	20.1	.4	.2	19,742	8,898	1,788	8,912	145
<b>E. S. Central.....</b>	<b>545.8</b>	<b>490.5</b>	<b>52.0</b>	<b>2.6</b>	<b>.8</b>	<b>44,831</b>	<b>22,296</b>	<b>6,493</b>	<b>15,466</b>	<b>578</b>
Alabama.....	121.0	112.1	8.7	.2	( <sup>2</sup> )	13,249	4,916	1,303	7,030	( <sup>2</sup> )
Kentucky.....	222.5	202.1	19.5	.4	.5	12,719	8,022	1,679	2,627	391
Mississippi.....	86.4	74.7	10.8	.9	.2	9,022	3,906	1,426	3,436	163
Tennessee.....	115.9	101.6	13.2	1.0	.1	9,840	5,359	2,085	2,373	24
<b>W. S. Central.....</b>	<b>1,703.0</b>	<b>1,521.5</b>	<b>169.2</b>	<b>9.8</b>	<b>2.5</b>	<b>135,806</b>	<b>61,120</b>	<b>17,521</b>	<b>53,527</b>	<b>3,628</b>
Arkansas.....	120.6	103.7	15.8	1.1	( <sup>2</sup> )	11,068	4,905	1,841	3,853	379
Louisiana.....	279.8	251.6	25.3	1.1	.8	24,636	8,764	2,185	13,012	895
Oklahoma.....	341.2	303.3	35.5	1.8	.6	24,763	12,664	4,092	7,716	287
Texas.....	962.4	862.9	92.6	5.8	1.1	75,116	34,673	9,422	28,946	2,078
<b>Mountain.....</b>	<b>388.3</b>	<b>316.2</b>	<b>29.7</b>	<b>2.4</b>	<b>(<sup>2</sup>)</b>	<b>41,479</b>	<b>20,535</b>	<b>6,526</b>	<b>13,440</b>	<b>787</b>
Arizona.....	62.6	55.8	6.2	.6	( <sup>2</sup> )	7,961	2,626	922	4,326	108
Colorado.....	123.4	119.4	13.8	.2	( <sup>2</sup> )	11,006	5,914	1,694	3,140	258
Idaho.....	.6	.5	.1	( <sup>2</sup> )	( <sup>2</sup> )	.35	.17	.18	-	-
Montana.....	59.5	53.0	6.2	.3	( <sup>2</sup> )	7,469	4,187	1,571	1,472	299
Nevada.....	3.5	3.1	.4	( <sup>2</sup> )	( <sup>2</sup> )	256	161	64	32	-
New Mexico.....	47.2	42.0	4.9	.3	( <sup>2</sup> )	5,706	2,483	1,077	2,068	70
Utah.....	49.6	44.6	4.2	.8	( <sup>2</sup> )	5,253	3,072	380	1,782	-
Wyoming.....	31.9	27.8	3.9	.2	( <sup>2</sup> )	3,794	2,097	802	822	74
<b>Pacific.....</b>	<b>2,291.9</b>	<b>2,290.5</b>	<b>194.9</b>	<b>6.4</b>	<b>.1</b>	<b>146,168</b>	<b>95,778</b>	<b>29,010</b>	<b>24,167</b>	<b>153</b>
California.....	2,210.2	2,116.0	88.5	5.7	( <sup>2</sup> )	127,979	87,681	17,092	23,674	132
Oregon.....	99.8	91.5	7.7	.5	.1	6,778	5,192	1,312	257	17
Washington.....	81.9	73.0	8.7	.2	( <sup>2</sup> )	5,361	3,505	1,606	226	4

<sup>1</sup> Figures are yearly averages.

<sup>2</sup> Less than 50 customers.

<sup>3</sup> Less than \$500.

Source: American Gas Association, New York, N. Y.; yearbook, Gas Facts.

## No. 860.—GAS PRICES—NET MONTHLY BILLS FOR SPECIFIED QUANTITIES, BY CITIES

[Based on rates as of December 15, 1946 and 1947]

CITY AND KIND OF GAS	Heating value per cubic foot in British thermal units (Dec. 15, 1947)	NET MONTHLY BILLS							
		10.6 therms <sup>1</sup>		19.6 therms <sup>1</sup>		30.6 therms <sup>1</sup>		40.6 therms <sup>1</sup>	
		1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>
Atlanta.....natural	1,022	\$1.58	\$1.51	\$3.38	\$2.99	\$5.35	\$3.73	\$8.94	\$3.32
Baltimore <sup>3</sup> .....manufactured	530	1.80	2.73	3.33	4.39	4.78	6.07	6.08	7.00
Birmingham.....do	520	1.62	1.62	2.66	2.66	3.78	3.75	4.53	4.53
Boston.....do	530	2.97	3.07	4.47	4.66	6.31	6.59	7.98	8.25
Buffalo <sup>4</sup> .....mixed	532	2.46	2.65	4.55	4.80	6.13	6.68	7.79	8.53
Butte <sup>5</sup> .....natural	900	1.11	.79	1.42	1.44	2.21	2.23	2.93	2.96
Charleston <sup>6</sup> (B-1) <sup>7</sup> .....manufactured		2.70							
Charleston <sup>6</sup> (B-2) <sup>7</sup> .....do		2.95		4.42		5.92		7.28	
Chicago.....mixed	900	1.65	1.65	2.68	2.68	3.47	3.47	4.17	4.17
Cincinnati.....do	1,000	.79	1.04	1.42	1.67	2.14		2.79	3.04
Cleveland.....natural	1,100	*.90	*.88	1.33	1.31	1.88	1.86	2.58	2.36
Columbus <sup>4</sup> .....do		.90		1.34		1.86		2.34	
Dallas <sup>4</sup> .....do		1.26		1.77		2.40		2.98	
Denver <sup>7</sup> .....do	840	1.54	1.54	2.21	2.21	2.88	2.87	3.36	3.36
Detroit <sup>8</sup> .....do	1,004	1.31	1.30	2.24	2.21	3.17	3.14	4.01	3.96
Fall River <sup>4</sup> .....manufactured		3.03		4.68		6.69		8.53	
Houston.....natural	1,078	.93	.93	1.43	1.43	2.04	2.04	2.60	2.60
Houston.....do	1,081	.93	.93	1.43	1.43	2.04	2.04	2.60	2.60
Houston.....do	1,062	.86	.88	1.32	1.35	1.87	1.91	2.36	2.43
Indianapolis.....manufactured	570	1.58	1.58	2.92	2.92	4.56	4.57	6.06	6.06
Jacksonville.....do	525	4.03	4.09	5.86	6.54	7.66	8.63	9.40	10.73
Kansas City <sup>7</sup> .....natural	1,047	1.33	.67	2.12	1.06	3.05	1.54	3.88	1.98
Little Rock <sup>4</sup> .....do		1.06		1.46		1.97		2.42	
Los Angeles.....do	1,100	1.18	1.18	1.66	1.66	2.20	2.20	2.67	2.67
Louisville <sup>4</sup> .....mixed		1.14		1.79		2.48		3.08	
Manchester.....manufactured	526	3.24	3.30	4.90	5.01	6.55	6.72	8.02	8.25
Memphis.....natural	980	1.39	1.39	2.26	2.26	3.27	3.27	3.63	3.63
Milwaukee.....manufactured	520	1.76	1.90	2.89	3.11	4.26	4.48	5.51	5.74
Minneapolis.....mixed <sup>9</sup>	1,000	1.50	1.57	2.24	2.24	2.96	2.94	3.60	3.57
Mohile.....natural	1,067	1.50	1.50	2.20	2.31	3.16	3.18	3.68	3.70
Newark <sup>4</sup> .....manufactured		2.69		4.34		6.20		7.55	
New Haven <sup>4</sup> .....do		2.41		4.11		6.20		8.09	
New Orleans.....natural	1,071	1.07	1.07	1.58	1.58	2.20	2.20	2.75	2.75
New York:									
3 boroughs <sup>7</sup> .....manufactured		2.30	2.30	4.20	4.26	6.65	6.65	8.82	8.82
Brooklyn <sup>7</sup> .....do	541	2.34	2.44	3.79	3.97	5.24	5.53	6.41	6.79
Brooklyn <sup>7</sup> .....do	537	2.44	2.74	3.93	4.55	5.40	6.32	6.72	7.94
Brooklyn <sup>7</sup> .....do	537	2.59	2.74	4.26	4.58	5.91	6.46	7.12	7.87
Richmond <sup>7</sup> .....do	640	3.12	3.18	5.11	5.28	7.10	7.34	8.90	9.23
Norfolk.....do	530	2.40	2.40	4.36	4.36	6.62	6.62	8.51	8.51
Omaha <sup>4</sup> .....do		1.58		2.14		3.06		3.88	
Peoria <sup>4</sup> .....natural		1.74		2.71		3.81		4.81	
Philadelphia.....manufactured	530	1.66	2.01	3.27	3.50	4.82	5.16	6.24	6.67
Philadelphia.....do	1,115	*1.00	*1.00	1.06	1.06	1.64	1.64	2.18	2.18
Pittsburgh.....natural	1,045	1.31	1.22	1.79	1.78	2.43	2.46	3.04	3.09
Pittsburgh.....do	1,100	1.18	1.18	1.72	1.72	2.37	2.37	2.96	2.96
Portland, Maine.....manufactured	527	3.46	3.87	5.76	6.36	7.10	7.60	8.80	9.78
Portland, Oreg.....do	556	2.58	2.87	4.32	4.87	5.62	6.43	6.94	8.01
Providence <sup>4</sup> .....do		3.13		5.06		7.41		9.86	
Richmond.....do	530	2.80	2.60	4.74	4.74	5.99	5.99	7.69	7.69
Rochester, N. Y. <sup>4</sup> .....do		2.36		3.99		5.35		6.88	
St. Louis <sup>7</sup> .....mixed	800	2.04	2.04	3.20	3.20	4.38	4.38	5.45	5.45
St. Paul.....manufactured	508	1.96	1.96	3.11	3.13	4.52	4.54	5.77	5.80
Salt Lake City <sup>4</sup> .....natural		2.08		3.23		4.11		4.80	
San Francisco.....do	1,100	.90	.90	1.21	1.21	1.59	1.59	1.98	1.98
Savannah.....manufactured	800	2.65	2.65	4.90	4.90	7.37	7.37	9.37	9.37
Scranton.....do	521	2.87	2.87	4.56	4.56	5.76	5.76	7.68	7.68
Seattle <sup>5</sup> .....do	806	3.66	4.06	6.26	6.83	8.16	8.90	7.80	8.55
Springfield, Ill. <sup>4</sup> .....natural		1.74		2.71		3.81		4.81	
Washington, D. C.....mixed <sup>9</sup>	1,100	1.53	1.53	2.60	2.66	3.98	3.98	5.11	5.11

<sup>1</sup> 1 therm equals 100,000 British thermal units.   <sup>2</sup> Preliminary.<sup>3</sup> Bills include taxes effective July 1947; Baltimore, 2 percent; Buffalo, 1 percent.<sup>4</sup> Not available for 1947.<sup>5</sup> Available only to customers using less than 3,200 cubic feet per month, served under this rate schedule on or before Jan. 1, 1944.   <sup>6</sup> Minimum bill.<sup>7</sup> Bills include 2 percent tax.   <sup>8</sup> Bills include 3 percent tax.   <sup>9</sup> Changed to natural gas last quarter 1947.

Source: Department of Labor, Bureau of Labor Statistics; Monthly Labor Review.



## No. 861.—PETROLEUM, CRUDE—PRODUCTION: 1861 TO 1946

[Quantities in thousands of barrels (42 gallons); values in thousands of dollars]

YEARLY AVERAGE	Quantity	Value	YEAR	Quantity	Value	YEAR	Quantity	Value
1861-1865....	2,479	9,965	1915.....	281,104	179,463	1931.....	851,081	550,630
1866-1870....	4,013	15,795	1916.....	300,767	330,900	1932.....	785,159	680,460
1871-1875....	8,221	16,430	1917.....	335,316	522,635	1933.....	905,656	608,000
1876-1880....	16,816	22,926	1918.....	355,928	703,944	1934.....	908,065	904,825
1881-1885....	25,508	22,933	1919.....	378,367	760,266	1935.....	996,596	961,440
1886-1890....	32,990	23,830	1920.....	442,929	1,360,745	1936.....	1,099,687	1,199,820
1891-1895....	51,095	35,708	1921.....	472,183	814,745	1937.....	1,279,160	1,513,340
1896-1900....	59,498	56,836	1922.....	557,531	895,111	1938.....	1,214,355	1,373,060
1901-1905....	102,083	83,524	1923.....	732,407	978,430	1939.....	1,264,962	1,294,470
1906-1910....	172,769	119,572	1924.....	713,940	1,022,683	1940.....	1,353,214	1,385,440
1911-1915....	247,739	185,793	1925.....	763,743	1,284,960	1941.....	1,402,228	1,602,000
1916-1920....	362,661	735,698	1926.....	770,874	1,447,760	1942.....	1,386,645	1,643,470
1921-1925....	647,961	999,186	1927.....	901,129	1,172,830	1943.....	1,505,613	1,809,020
1926-1930....	895,762	1,205,217	1928.....	901,474	1,054,880	1944.....	1,677,904	2,032,960
1931-1935....	889,311	741,071	1929.....	1,007,323	1,280,417	1945.....	1,713,655	2,094,250
1936-1940....	1,242,276	1,353,226	1930.....	898,011	1,070,200	1946 <sup>1</sup> .....	1,733,424	2,441,810

<sup>1</sup> Preliminary.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

## No. 862.—PETROLEUM, CRUDE AND REFINED—PRODUCTION, IMPORTS, EXPORTS, AND BUNKER OIL LADEN ON VESSELS IN FOREIGN TRADE: 1871 TO 1946

[Exports of refined oils include residuum prior to 1913 and natural gasoline prior to 1932, and exclude them thereafter. Exports exclude reexports of imported oils. General imports through 1933; imports for consumption thereafter]

YEARLY AVERAGE OR YEAR	QUANTITY (THOUSANDS OF BARRELS OF 42 GALLONS)						VALUE (MILLIONS OF DOLLARS)				
	Production, crude oil	Imports		Exports		Bunker oil	Imports		Exports		Bunker oil
		Crude oil	Refined oils	Crude oil	Refined oils		Crude oil	Refined oils	Crude oil	Refined oils	
1871-1880....	12,519	(1)	(1)	528	6,026	(1)	(1)	(1)	2.4	37.7	(1)
1881-1890....	29,249	(1)	(1)	1,719	12,084	(1)	(1)	(1)	5.1	43.7	(1)
1891-1895....	51,095	(1)	(1)	2,606	16,751	(1)	(1)	(1)	5.0	40.8	(1)
1896-1900....	59,498	(1)	(1)	2,907	20,240	(1)	(1)	(1)	5.8	57.1	(1)
1901-1905....	102,083	(1)	(1)	3,029	22,317	(1)	(1)	(1)	6.3	68.5	(1)
1906-1910....	172,769	<sup>2</sup> 295	(1)	3,686	30,521	(1)	<sup>2</sup> 0.7	(1)	6.4	90.4	(1)
1911-1915....	247,739	12,080	293	4,134	44,475	(1)	7.6	1.1	6.1	125.8	(1)
1916-1920....	362,661	49,531	1,396	5,413	58,896	11,681	26.5	5.0	14.1	323.7	24.2
1921-1925....	647,961	94,857	12,545	13,330	76,455	36,501	68.0	22.2	22.5	363.6	55.9
1926-1930....	895,762	67,919	23,779	20,062	119,700	50,198	78.6	51.8	30.2	464.7	62.3
1931-1935....	889,311	38,395	23,901	36,413	70,896	34,868	27.3	22.3	38.2	176.2	31.3
1936-1940....	1,242,276	32,701	30,774	63,651	86,876	35,845	23.6	22.2	87.0	231.9	39.3
1930.....	898,011	62,129	43,381	23,704	122,167	50,773	64.9	78.7	32.2	438.2	53.6
1931.....	851,081	47,250	38,702	25,535	91,009	43,714	39.2	52.1	20.8	232.3	38.8
1932.....	785,159	44,700	30,228	27,391	69,348	38,152	30.4	29.2	27.1	168.1	29.4
1933.....	905,656	31,908	13,257	36,584	61,419	32,272	17.7	7.1	32.0	151.3	27.1
1934.....	908,065	35,772	14,952	41,127	64,750	29,899	25.9	9.6	49.8	159.5	31.3
1935.....	996,596	32,345	22,369	51,430	67,932	30,304	23.4	13.5	61.2	169.9	29.9
1936.....	1,099,687	32,957	25,460	50,313	71,402	33,407	23.2	16.5	66.1	179.0	34.3
1937.....	1,279,160	27,310	32,693	67,127	93,464	37,688	20.8	22.1	96.4	253.4	43.5
1938.....	1,214,355	26,048	27,837	77,254	102,124	36,059	18.6	19.6	111.6	249.6	37.8
1939.....	1,264,962	34,106	27,350	72,064	103,428	37,036	23.3	18.7	92.8	262.6	39.0
1940.....	1,353,214	43,085	40,528	51,495	63,960	35,037	32.2	34.0	67.8	214.9	41.9
1941.....	1,402,228	52,029	48,564	34,484	60,736	30,400	43.4	37.6	49.5	208.2	38.1
1942.....	1,386,645	13,540	25,780	35,560	71,251	25,417	12.8	23.0	51.6	273.2	35.1
1943.....	1,505,613	13,803	51,834	43,313	96,860	47,895	14.7	69.9	66.5	421.3	74.0
1944.....	1,677,904	44,846	56,663	34,802	161,854	71,815	49.0	63.6	58.9	872.8	109.4
1945.....	1,713,655	74,003	58,742	35,353	136,283	82,314	79.2	71.9	58.3	663.3	119.4
1946.....	<sup>2</sup> 1,733,424	89,210	57,047	42,574	90,884	62,494	101.7	57.0	74.1	306.3	94.1

<sup>1</sup> Data not available.<sup>2</sup> Average for years 1908-10 for total mineral oils.<sup>3</sup> Preliminary.

Sources: Production, Dept. of the Interior, Bur. of Mines; Minerals Yearbook. Imports and exports, Dept. of Commerce, Bur. of Foreign and Domestic Commerce through 1940; thereafter, Bur. of Census; annual report, Foreign Commerce and Navigation of the U. S.

No. 863.—PETROLEUM, CRUDE—WORLD PRODUCTION; UNITED STATES PRODUCTION,  
BY REGIONS AND STATES: 1921 TO 1945

[In thousands of barrels of 42 gallons]

REGION AND STATE	1921- 1925 (aver- age)	1926- 1930 (aver- age)	1931- 1935 (aver- age)	1936- 1940 (aver- age)	1941	1942	1943	1944	1945 (prel.)
World total <sup>1</sup> .....	944, 777	1, 316, 390	1, 460, 372	2, 009, 651	1, 222, 941	2, 079, 866	2, 231, 423	2, 614, 345	2, 624, 929
United States <sup>2</sup> .....	647, 961	895, 762	889, 311	1, 242, 276	1, 402, 228	1, 386, 645	1, 505, 613	1, 677, 904	1, 711, 163
Percent of total.....	69	68	61	62	63	67	67	64	66
Regions:									
Appalachian.....	28, 504	31, 603	30, 079	34, 817	33, 102	34, 563	35, 237	34, 272	33, 047
Lima—N. E. Ind.— Mich.....	2, 298	3, 603	10, 050	18, 716	16, 933	22, 075	20, 944	18, 709	17, 473
Illinois—S. W. Indi- ana.....	9, 585	7, 495	5, 326	57, 570	139, 780	113, 110	87, 516	82, 507	80, 054
Mid-continent.....	343, 545	527, 944	566, 251	694, 826	716, 544	703, 490	736, 487	818, 678	844, 445
Gulf.....	33, 688	54, 140	75, 401	178, 326	225, 649	221, 495	296, 322	366, 385	360, 432
Rocky Mountain.....	35, 258	29, 468	17, 984	27, 765	39, 957	43, 586	44, 919	45, 560	49, 170
California.....	195, 074	241, 509	184, 221	230, 256	230, 263	248, 326	284, 188	311, 793	326, 482
States:									
Arkansas.....	36, 644	35, 010	12, 144	17, 485	26, 327	26, 628	27, 600	29, 418	28, 613
California.....	195, 074	241, 509	184, 221	230, 256	230, 263	248, 326	284, 188	311, 793	326, 482
Colorado.....	392	2, 477	1, 260	1, 539	2, 150	2, 199	2, 320	3, 063	4, 959
Illinois.....	8, 815	6, 654	4, 551	55, 722	132, 393	106, 391	82, 260	77, 413	75, 210
Indiana.....	1, 011	937	800	1, 870	7, 411	6, 743	5, 283	5, 118	4, 868
Kansas.....	32, 733	41, 123	43, 033	63, 197	83, 242	97, 636	106, 178	98, 762	95, 997
Kentucky.....	8, 044	7, 103	5, 494	5, 549	4, 762	4, 534	7, 883	9, 621	10, 325
Louisiana.....	25, 759	22, 338	30, 396	92, 771	115, 908	115, 785	123, 592	129, 645	130, 566
Michigan.....	1	1, 913	9, 004	18, 103	16, 359	21, 754	20, 768	18, 490	17, 259
Mississippi.....			( <sup>3</sup> )	4, 507	15, 327	28, 833	18, 807	16, 337	18, 775
Montana.....	2, 729	4, 826	3, 153	5, 861	7, 526	8, 074	7, 916	8, 647	8, 397
New Mexico.....	4 554	3, 171	15, 829	35, 720	39, 569	31, 544	38, 896	39, 555	37, 281
New York.....	1, 274	2, 765	3, 618	5, 057	5, 185	5, 421	5, 059	4, 997	4, 648
Ohio.....	7, 045	7, 022	4, 504	3, 404	3, 510	3, 543	3, 322	2, 937	2, 828
Oklahoma.....	155, 068	235, 663	176, 293	185, 293	154, 702	140, 690	123, 152	124, 616	138, 036
Pennsylvania.....	7, 607	10, 613	13, 443	17, 684	16, 750	17, 779	15, 757	14, 118	12, 515
Texas.....	127, 009	245, 792	364, 341	478, 063	505, 572	483, 097	594, 343	746, 099	755, 533
West Virginia.....	6, 575	5, 655	4, 032	3, 680	3, 433	3, 574	3, 349	3, 070	2, 879
Wyoming.....	31, 901	21, 145	13, 158	19, 987	29, 878	32, 812	34, 253	33, 356	35, 359

<sup>1</sup> Estimated.  
<sup>2</sup> Includes for certain years small quantities not distributed by regions and States.  
<sup>3</sup> Not shown separately.  
<sup>4</sup> Average for years 1924 and 1925.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 864.—CRUDE PETROLEUM, REFINED PRODUCTS, AND NATURAL GASOLINE—  
PRODUCTION AND STOCKS: 1920 TO 1945

[Barrels of 42 gallons]

ITEM	1920	1925	1930	1935	1940	1943	1944	1945 (prel.)
<b>Crude petroleum:</b>								
Domestic production 1,000 bbls.	442,929	763,743	898,011	998,596	1,353,214	1,505,613	1,677,904	1,711,103
Imports <sup>1</sup> do.	106,175	61,824	62,129	32,239	42,662	13,833	44,806	74,095
Exports <sup>1</sup> do.	9,295	13,837	23,705	51,430	51,496	41,342	34,238	32,998
Stocks, end of period:								
Refinable crude do.	149,448	345,863	408,809	314,856	264,700	243,506 242,132	220,862 220,863	218,763
California heavy crude do.	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	11,906	8,289 7,272	6,107	5,998
Run to stills do.	433,915	739,920	927,447	965,790	1,294,162	1,429,738	1,665,684	1,719,534
Total value at wells 1,000 dolls.	1,360,745	1,284,960	1,070,200	961,440	1,383,440	1,509,020	2,032,960	2,093,300
Average price per barrel at wells	\$3.07	\$1.68	\$1.19	\$0.97	\$1.02	\$1.20	\$1.21	\$1.22
<b>Refined products:</b>								
Imports <sup>1</sup> 1,000 bbls.	2,647	16,376	43,489	20,398	41,089	49,579	47,506	39,278
Exports <sup>1</sup> do.	70,281	100,497	132,794	77,557	78,970	108,615	173,378	151,275
Stocks, end of period do <sup>3</sup>	60,397	208,275	254,311	223,361	282,265	229,362	245,868	235,998
Output of motor fuel do.	118,022	262,252	440,728	616,685	616,685	508,180	739,340	799,059
Yield of gasoline percent	89.1	32.4	42.0	44.2	43.1	37.1	37.1	40.9
Completed refineries, end of year	111	510	632	632	556	452	( <sup>4</sup> )	( <sup>4</sup> )
Daily crude-oil capacity of refineries 1,000 bbls.	1,699	2,863	3,943	4,117	4,719	5,093	( <sup>4</sup> )	( <sup>4</sup> )
Average dealer's net price (excl. tax) of gasoline in 50 U. S. cities <sup>5</sup> cents per gal.	28.05	17.46	14.49	12.02	9.06	10.46	10.46	10.33
<b>Natural gasoline:</b>								
Production 1,000 bbls.	9,161	26,307	62,631	39,333	55,700	87,716	100,036	111,274
Stocks, end of period do.	( <sup>6</sup> )	4,326	2,377	3,668	5,704	4,541	4,252 14,451	4,322

<sup>1</sup> Import and export figures from Bureau of Foreign and Domestic Commerce through 1940 and from Bureau of Census thereafter, except for imports of crude petroleum for 1935 and later years which are as reported to Bureau of Mines. Exports include shipments to noncontiguous Territories and possessions.

<sup>2</sup> For comparison with succeeding year.

<sup>3</sup> Figure for California heavy crude not available for 1920; included in refined products in 1925, 1930, and 1935.

<sup>4</sup> Not available.

<sup>5</sup> American Petroleum Institute figures; prior to 1939, average tank-wagon prices.

<sup>6</sup> At plants only.

Source: Department of the Interior, Bureau of Mines (except as noted), Minerals Yearbook.

No. 865.—PETROLEUM—RUNS TO STILLs AND REFINERY PRODUCTS, BY CLASS:  
1920 TO 1945

[In thousands of barrels of 42 gallons, except as indicated]

PRODUCT	1920	1925	1930	1935	1940	1943	1944	1945
<b>Input, total</b>	437,068	759,556	970,517	996,815	1,333,709	1,490,936	1,732,911	1,769,858
Crude petroleum, total	433,915	739,920	927,447	965,790	1,294,162	1,429,738	1,665,684	1,719,534
Domestic	372,779	698,582	866,615	933,650	1,252,364	1,417,550	1,622,514	1,645,862
Foreign	61,136	41,338	60,832	32,131	41,798	12,179	43,170	73,672
Natural gasoline	3,153	19,636	43,170	31,025	39,547	61,198	67,207	70,324
<b>Output, total</b>	437,068	759,556	970,517	996,815	1,333,709	1,490,936	1,732,691	1,769,858
Gasoline	116,281	259,601	432,241	457,842	597,375	692,425	722,718	774,400
Kerosene	55,240	59,689	49,208	55,813	73,882	72,270	78,344	81,024
Distillate fuel oil	210,987	364,991	81,551	100,235	183,304	211,516	239,152	249,224
Residual fuel oil	24,938	31,053	290,947	259,826	316,221	417,306	461,455	469,492
Lubricating oil	24,938	31,053	34,201	27,853	36,765	38,679	41,106	41,867
Wax	( <sup>1</sup> )	2,136	1,956	1,608	1,833	2,697	2,863	2,921
Coke	( <sup>1</sup> )	5,281	9,895	7,290	7,633	6,942	9,017	10,115
Asphalt	( <sup>1</sup> )	18,067	18,194	17,133	29,406	37,162	38,479	39,196
Still gas	( <sup>1</sup> )	( <sup>1</sup> )	5,377	51,184	75,950	89,756	102,239	103,458
Wax 1,000 lbs.	541,204	590,577	547,680	450,240	513,240	755,160	807,240	817,880
Coke 1,000 tons <sup>2</sup>	677	991	1,940	1,458	1,527	1,388	1,803	2,023
Asphalt do.	1,291	2,677	3,308	3,115	5,347	6,757	6,996	7,127
Still gas 1,000,000 cu. ft.	( <sup>1</sup> )	( <sup>1</sup> )	23,000	197,220	273,420	312,318	368,061	372,449
Road oil	10,909	8,044	5,425	6,030	7,771	2,295	1,556	2,686
Other finished products	3,202	1,888	1,888	3,202	9,660	18,436	19,060	19,060
Crude gasoline (net)	( <sup>3</sup> )	2,242	2,242	2,242	2,242	2,242	2,242	2,242
Other unfinished oils (net)	( <sup>3</sup> )	2,242	2,242	2,242	2,242	2,242	2,242	2,242
Shortage	18,743	22,914	37,003	11,493	3,313	9,623	13,177	6,967

<sup>1</sup> Not available.

<sup>2</sup> Of 2,000 pounds.

<sup>3</sup> Other finished products includes other unfinished oils.

<sup>4</sup> Negative quantity; represents net excess of unfinished oils rerun over unfinished oils produced.

Source: Department of the Interior, Bureau of Mines; Petroleum Refinery Statistics 1930 (Bulletin 267) and Minerals Yearbook.

### No. 866.—PETROLEUM—RUNS TO STILL, 1944 AND 1945, AND MAJOR REFINERY PRODUCTS, 1945, BY REGIONS

(In thousands of barrels of 42 gallons, except wax which is in thousands of pounds)

REGION	CRUDE OIL RUN TO STILL		NATURAL GASOLINE RUN TO STILL OR BLENDED		OUTPUT OF REFINERIES, 1945				
	1944	1945	1944	1945	Gasoline	Kerosene	Distillate fuel oil	Residual fuel oil	Wax
<b>Total.....</b>	<b>1,865,684</b>	<b>1,719,534</b>	<b>67,307</b>	<b>70,324</b>	<b>774,460</b>	<b>61,624</b>	<b>249,224</b>	<b>489,482</b>	<b>517,890</b>
East coast.....	257,046	273,667	2,078	1,687	99,207	10,755	50,243	85,352	209,400
Appalachian.....	58,349	59,199	410	435	25,895	3,288	6,101	9,152	102,480
Ind., Ill., Ky., etc.....	278,786	275,853	8,911	8,309	143,826	12,719	34,601	53,494	60,200
Okla., Kans., and Mo.....	133,106	139,176	4,850	5,810	72,746	8,039	20,600	24,764	90,160
Texas.....	491,920	487,927	28,513	20,377	234,703	27,450	79,823	111,108	124,320
Louisiana and Ark.....	112,809	127,246	6,357	5,563	56,125	14,724	23,110	23,393	83,320
Rocky Mountain.....	41,254	45,944	1,149	1,502	21,864	1,117	5,135	12,253	25,200
California.....	294,715	313,522	14,944	17,141	121,094	2,832	39,702	148,976	23,800

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

### No. 867.—PETROLEUM PRODUCTS—PRODUCTION, BY KIND: 1929, 1937, AND 1939

PRODUCTS	QUANTITY (THOUSANDS OF GALLONS UNLESS OTHERWISE SPECIFIED)			VALUE (THOUSANDS OF DOLLARS)		
	1929	1937	1939	1929	1937	1939
<b>Refinery products, total value.....</b>				<b>2,637,533</b>	<b>2,837,000</b>	<b>2,454,290</b>
Gasoline.....	17,538,789	22,626,325	24,393,809	1,531,242	1,447,089	1,424,426
Naphtha, including benzine.....	712,583	319,963	392,772	70,180	22,083	22,116
Kerosene.....	2,338,929	2,508,045	2,710,109	164,836	123,681	112,066
<b>Fuel oils.....</b>	<b>16,296,354</b>	<b>19,242,714</b>	<b>19,963,006</b>	<b>254,639</b>	<b>512,504</b>	<b>472,299</b>
Distillates.....	1,024,354	2,997,561	2,866,730	80,338	122,157	107,649
Gas oils, including Diesel oils.....	2,862,959	2,153,937	3,972,609	96,094	110,426	130,467
Residual fuel oils.....	12,409,041	13,092,216	13,123,667	249,198	280,289	234,183
<b>Partially refined oils sold for re-refining.....</b>	<b>1,466,861</b>	<b>1,147,454</b>	<b>1,331,987</b>	<b>49,142</b>	<b>22,726</b>	<b>26,572</b>
Above fuel oil.....	899,066	538,758	1,013,265	(1)	(1)	(1)
Fuel oil.....	567,535	247,723	249,674			
Below fuel oil.....	30,273	60,973	69,049			
<b>Lubricating oils<sup>1</sup>.....</b>	<b>1,553,711</b>	<b>1,517,193</b>	<b>1,696,839</b>	<b>364,673</b>	<b>345,006</b>	<b>237,161</b>
Neutral, cylinder, and black.....	940,870	970,593	712,372	169,366	133,966	100,149
All other, including compounded and unclassified.....	612,840	546,600	984,467	195,307	211,040	137,012
<b>Road oils.....</b>	<b>323,602</b>	<b>592,557</b>	<b>661,772</b>	<b>11,641</b>	<b>19,522</b>	<b>25,601</b>
Liquid asphaltic road oils.....	323,602	481,125	608,915	11,041	16,418	17,162
Other road oils.....		111,432	232,857		3,104	8,439
<b>Residuum or tar.....</b>	<b>104,111</b>	<b>20,421</b>	<b>82,030</b>	<b>3,149</b>	<b>853</b>	<b>623</b>
<b>Greases.....</b>	<b>53,017</b>	<b>61,826</b>	<b>61,885</b>	<b>16,446</b>	<b>17,216</b>	<b>17,324</b>
Petrolatum, mineral jelly, etc.....	13,664	23,083	18,875	2,548	3,953	2,872
Lubricating greases <sup>2</sup> .....	39,353	38,743	43,010	14,098	13,263	14,452
Paraffin wax.....	84,639	90,606	80,649	22,328	19,213	19,685
Acid oil.....	34,767	57,522	55,273	663	1,016	784
Liquefied petroleum gases.....	(1)	116,065	145,429	(1)	3,904	4,962
Asphalt, other than liquid asphalt <sup>3</sup> .....	2,115	2,971	2,345	24,508	21,352	20,802
Petroleum coke <sup>3</sup> .....	1,265	1,327	1,522	5,461	5,068	4,967
Other refinery products.....				29,035	68,787	51,651

<sup>1</sup> No data.

<sup>2</sup> Production in "Petroleum refining" industry only; also made in "Lubricating oil and greases, not made in petroleum refineries" industry.

<sup>3</sup> Thousands of tons of 2,000 pounds.

Source: Dept. of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures.

## No. 868.—PETROLEUM PIPE LINES—SUMMARY: 1925 TO 1946

[All figures, except miles of line operated, in thousands of dollars]

YEAR	Miles of line operated	Investment in pipe lines	Other investments	Pipe-line operating revenues	Pipe-line operating expenses	Pipe-line operating income	Net income
1925	78,000	511,000	22,000	122,000	29,000	70,000	22,000
1926	85,111	532,771	22,000	127,000	29,000	121,000	123,701
1927	92,000	532,000	122,000	127,000	29,000	70,000	70,000
1928	94,000	532,000	11,000	127,000	29,000	70,000	61,700
1929	95,000	532,000	21,000	127,000	29,000	70,000	102,700
1930	95,000	532,000	21,000	127,000	29,000	70,000	102,700
1931	95,000	532,000	21,000	127,000	29,000	70,000	102,700
1932	95,000	532,000	21,000	127,000	29,000	70,000	102,700
1933	95,000	532,000	21,000	127,000	29,000	70,000	102,700
1934	95,000	532,000	21,000	127,000	29,000	70,000	102,700
1935	95,000	532,000	21,000	127,000	29,000	70,000	102,700
1936	95,000	532,000	21,000	127,000	29,000	70,000	102,700
1937	95,000	532,000	21,000	127,000	29,000	70,000	102,700
1938	95,000	532,000	21,000	127,000	29,000	70,000	102,700
1939	95,000	532,000	21,000	127,000	29,000	70,000	102,700
1940	100,126	541,977	21,000	127,000	29,000	70,000	70,000
1941	105,000	565,177	21,000	127,000	29,000	70,000	70,000
1942	105,000	565,177	21,000	127,000	29,000	70,000	70,000
1943	105,000	565,177	21,000	127,000	29,000	70,000	70,000
1944	111,015	1,000,741	21,000	127,000	29,000	70,000	70,000
1945	112,351	1,042,523	21,000	127,000	29,000	70,000	70,000
1946	114,544	1,106,454	21,000	127,000	29,000	70,000	70,000

Source: Interstate Commerce Commission; annual report, Statistics of Oil Pipe Line Companies.

## No. 869.—OIL WELLS, NUMBER AND PRODUCTION, 1943 AND 1944, AND NUMBER OF OIL AND GAS WELLS DRILLED, 1944 AND 1945, BY STATES

STATE	PRODUCING OIL WELLS				WELLS DRILLED <sup>1</sup>					
	Approximate number Dec. 31		Average production per well per day (barrels)		Oil		Gas		Dry	
	1943	1944	1943	1944	1944	1945	1944	1945	1944	1945
Total	407,170	412,220	10.2	11.2	13,039	14,397	2,067	2,330	7,010	7,471
Arkansas	3,150	3,250	24.2	25.1	128	115	2		25	70
California <sup>2</sup>	19,700	21,470	40.7	41.4	1,063	1,000	63	36	333	414
Colorado	210	230	30.3	30.3	22	42	1	1	14	17
Illinois	24,000	24,000	9.4	8.7	1,196	1,000	6	1	747	604
Indiana	2,000	2,050	7.4	6.9	144	111	22	21	127	100
Kansas	23,100	25,000	12.5	11.2	834	838	93	201	930	743
Kentucky	15,000	17,000	1.4	1.6	374	372	303	104	314	247
Louisiana	7,250	7,400	47.7	48.2	429	646	73	104	202	254
Michigan	3,380	3,400	17.0	14.9	239	200	20	24	357	454
Mississippi	370	470	143.1	106.3	78	198	1		77	104
Montana	2,070	2,200	10.5	11.1	221	217	63	31	108	57
Nebraska <sup>3</sup>	90	80	19.3	13.4	12	1	3	4	14	27
New Mexico	3,980	4,250	27.2	26.3	283	279	18	21	116	124
New York	22,450	21,700	.6	.6	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Ohio	23,000	20,800	.4	.4	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Oklahoma	53,100	51,900	6.4	6.5	1,031	1,426	212	200	647	833
Pennsylvania	82,800	83,300	.5	.5	2,681	2,820	1,202	1,303	1,447	1,447
Texas	100,800	102,300	16.2	20.1	3,526	4,036	204	714	1,085	2,434
West Virginia	16,900	16,750	.5	.5	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Wyoming	3,710	3,900	25.5	24.0	167	162	6	10	28	28
Other States	110	110	1.3	1.7	11	14		2	46	46

<sup>1</sup> Figures, except for California, from Oil and Gas Journal.<sup>2</sup> From American Petroleum Institute.<sup>3</sup> Includes Missouri and Iowa.<sup>4</sup> Included in Pennsylvania.<sup>5</sup> Includes New York, Ohio, and West Virginia.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook, except as noted.

## No. 870.—ASPHALT—SUPPLY, DISTRIBUTION, AND VALUE: 1940 TO 1946

ITEM	1940	1941	1942	1943	1944	1945	1946
<b>SUPPLY (1,000 TONS OF 2,000 LBS.)</b>							
<b>Total</b> .....	<b>6,525</b>	<b>8,022</b>	<b>7,999</b>	<b>8,172</b>	<b>8,483</b>	<b>8,609</b>	<b>9,832</b>
Native asphalt and related bitumens:							
Produced.....	491	691	975	886	790	704	846
Imported (chiefly lake asphalt).....	12	14	8	8	8	5	4
Petroleum asphalt (excluding road oil):							
Produced at refineries from domestic and foreign petroleum.....	5,347	6,558	6,297	6,757	6,996	7,127	8,166
Imported <sup>1</sup> .....	126	145	115	110	126	147	123
Stocks, Jan. 1.....	550	614	604	411	563	626	693
<b>DISTRIBUTION (1,000 TONS OF 2,000 LBS.)</b>							
<b>Total</b> .....	<b>6,525</b>	<b>8,022</b>	<b>7,999</b>	<b>8,172</b>	<b>8,483</b>	<b>8,609</b>	<b>9,832</b>
Native asphalt and related bitumens:							
Indicated domestic demand.....	479	680	966	851	752	657	819
Exports (unmanufactured).....	11	11	9	35	37	47	27
Petroleum asphalt (excluding road oil):							
Indicated domestic demand (incl. lake asphalt).....	5,161	6,502	6,527	6,637	6,949	6,999	7,895
Exports.....	259	225	85	86	119	213	389
Stocks, Dec. 31.....	614	604	411	563	626	693	702
<b>VALUE (1,000 DOLLARS)</b>							
Native asphalt and related bitumens:							
Sales.....	2,725	3,169	4,279	4,288	3,688	3,816	4,262
Imports (chiefly lake asphalt).....	143	183	136	222	254	122	92
Exports (unmanufactured).....	443	329	232	819	730	1,207	974
Petroleum asphalt (excluding road oil):							
Sales <sup>2</sup> .....	45,191	60,513	70,815	78,868	75,715	78,876	93,991
Imports <sup>1</sup> .....	566	777	680	659	726	842	771
Exports.....	4,004	3,690	1,585	2,147	2,606	5,172	9,509

<sup>1</sup> Includes cut-backs and road oil.<sup>2</sup> Excludes export sales.

## No. 871.—GYPSUM—SUPPLY, SALES, IMPORTS, AND EXPORTS: 1940 TO 1946

[Quantities in thousands of short tons (2,000 pounds); values in thousands of dollars]

ITEM	1940	1941	1942	1943	1944	1945	1946
Crude gypsum: <sup>1</sup>							
Mined.....	3,699	4,789	4,698	3,878	3,761	3,812	5,629
Imported.....	1,405	1,348	394	231	342	509	1,457
Apparent supply.....	5,104	6,136	5,092	4,109	4,104	4,320	7,087
Calcined gypsum produced: <sup>2</sup>							
Short tons.....	3,308	3,981	3,045	2,558	2,363	2,485	4,170
Value.....	17,255	19,747	16,403	14,752	13,841	14,474	20,273
Gypsum products sold: <sup>2</sup>							
Uncalcined uses:							
Short tons.....	929	1,321	1,515	1,234	1,056	1,148	1,641
Value.....	2,251	3,139	3,534	3,115	2,954	3,433	5,106
Industrial uses:							
Short tons.....	124	152	143	164	200	158	207
Value.....	1,533	1,885	1,841	2,259	2,551	2,326	3,161
Building uses, value.....	49,709	64,734	57,796	53,723	50,196	54,390	88,928
Gypsum and gypsum products:							
Imported for consumption, value.....	1,429	1,282	508	304	395	549	1,833
Exported, value.....	264	530	978	284	490	1,503	1,065

<sup>1</sup> Excludes byproduct gypsum.<sup>2</sup> Made from domestic, imported, and byproduct crude gypsum.

Source of tables 870 and 871: Department of the Interior, Bureau of Mines; Minerals Yearbook.



# No. 872.—PORTLAND CEMENT—PRODUCTION, BY STATES; SHIPMENTS, IMPORTS, AND STOCKS: 1910 TO 1946

[In thousands of barrels of 276 pounds]

STATE	1910	1920	1925	1930	1935	1940	1945	1946
<b>Production, total</b> .....	<b>76,550</b>	<b>100,523</b>	<b>151,059</b>	<b>151,197</b>	<b>76,742</b>	<b>130,217</b>	<b>102,805</b>	<b>164,054</b>
Alabama.....	<sup>1</sup> 1,481	1,132	6,288	4,821	2,493	5,122	5,542	7,897
California.....	<sup>2</sup> 6,386	7,066	13,096	10,124	7,974	14,216	15,953	19,541
Illinois.....	4,459	5,539	7,101	7,935	3,366	4,975	4,367	5,270
Iowa.....	<sup>3</sup> 2,010	4,849	4,648	7,088	3,520	4,606	3,194	5,513
Kansas.....	5,656	4,341	6,511	6,012	2,387	3,438	2,001	6,406
Michigan.....	3,688	4,691	10,936	11,811	4,579	8,603	5,839	9,694
Missouri.....	4,456	6,018	8,332	7,809	3,322	4,968	3,185	6,512
New York.....	3,296	5,885	8,770	10,373	4,285	8,437	<sup>4</sup> 5,617	<sup>5</sup> 11,412
Ohio.....	1,528	1,780	5,715	8,632	3,876	6,664	4,604	8,035
Pennsylvania.....	25,676	28,269	42,347	37,844	15,502	26,853	15,564	29,202
Tennessee.....	( <sup>6</sup> )	( <sup>7</sup> )	( <sup>8</sup> )	3,875	2,703	3,808	2,982	5,218
Texas.....	<sup>9</sup> 2,287	2,562	4,658	6,782	3,787	7,375	8,097	10,713
Other States.....	14,627	27,659	43,065	38,293	18,925	31,166	25,022	37,653
<b>Shipments</b> <sup>10</sup> .....	( <sup>11</sup> )	96,312	157,295	159,059	75,235	130,360	106,354	169,668
<b>Imports</b> <sup>12</sup> .....	307	525	2,667	965	519	538	( <sup>13</sup> )	4
<b>Stocks at mills (Dec. 31)</b> .....	( <sup>14</sup> )	8,833	18,335	25,899	23,066	23,365	16,455	10,951

<sup>1</sup> Includes production of Puerto Rico.

<sup>2</sup> Includes production of Hawaii.

<sup>3</sup> Includes Georgia and Tennessee.

<sup>4</sup> Included in figures for Alabama for 1910; "Other States," 1920 and 1925.

<sup>5</sup> Includes Oklahoma.

<sup>6</sup> Including exports made directly by manufacturers and shipments made by them to noncontiguous U. S. Territories and possessions.

<sup>7</sup> Not available.

<sup>8</sup> "Imports for consumption" of portland and other hydraulic cement.

<sup>9</sup> Less than 500 barrels.

<sup>10</sup> Includes Washington.

<sup>11</sup> Includes Kentucky and West Virginia.

<sup>12</sup> Includes Maine.

## No. 873.—PORTLAND CEMENT—SHIPMENTS, BY STATE OF DESTINATION: 1943 TO 1946

[In thousands of barrels of 276 pounds]

STATE	1943	1944	1945	1946	STATE	1943	1944	1945	1946
<b>Shipped from cement plant</b> .....	<b>127,632</b>	<b>94,272</b>	<b>106,354</b>	<b>169,568</b>	<b>Shipments to States—Con.</b>				
<b>Shipments to States</b> .....	<b>120,655</b>	<b>87,369</b>	<b>94,457</b>	<b>163,094</b>	South Atlantic—Continued.				
New England.....	3,923	2,829	2,379	5,696	West Virginia.....	1,191	903	1,080	2,007
Maine.....	440	248	306	658	North Carolina.....	3,197	2,709	1,369	3,506
New Hampshire.....	268	212	254	517	South Carolina.....	1,049	555	589	1,347
Vermont.....	118	117	188	378	Georgia.....	2,252	1,246	1,447	3,049
Massachusetts.....	1,468	1,084	1,299	2,527	Florida.....	2,997	1,713	2,068	3,731
Rhode Island.....	535	308	266	495	<b>E. S. Central</b> .....	<b>7,977</b>	<b>4,896</b>	<b>5,678</b>	<b>10,416</b>
Connecticut.....	1,093	864	997	2,120	Kentucky.....	1,836	1,256	1,206	2,320
<b>Middle Atlantic</b> .....	<b>15,879</b>	<b>11,441</b>	<b>13,496</b>	<b>25,056</b>	Tennessee.....	3,002	1,883	1,772	3,669
New York.....	5,932	4,058	5,252	10,232	Alabama.....	2,354	1,194	1,912	2,744
New Jersey.....	3,435	2,585	2,772	5,122	Mississippi.....	784	662	788	1,687
Pennsylvania.....	6,512	4,798	5,474	9,702	<b>W. S. Central</b> .....	<b>14,622</b>	<b>6,837</b>	<b>11,677</b>	<b>16,825</b>
<b>E. N. Central</b> .....	<b>22,464</b>	<b>18,137</b>	<b>21,023</b>	<b>35,084</b>	Arkansas.....	1,260	728	978	1,332
Ohio.....	6,384	4,387	4,777	9,027	Louisiana.....	2,996	1,589	1,928	2,564
Indiana.....	3,407	2,934	3,629	5,266	Oklahoma.....	3,060	1,300	1,580	3,029
Illinois.....	5,965	4,787	5,392	8,787	Texas.....	7,264	5,220	6,595	9,904
Michigan.....	4,826	3,770	4,636	7,571	<b>Mountain</b> .....	<b>5,837</b>	<b>3,335</b>	<b>4,668</b>	<b>6,905</b>
Wisconsin.....	1,802	2,260	2,608	4,443	Montana.....	250	250	356	553
<b>W. N. Central</b> .....	<b>13,455</b>	<b>9,341</b>	<b>10,468</b>	<b>16,529</b>	Idaho.....	726	351	432	707
Minnesota.....	1,534	1,638	2,135	3,717	Wyoming.....	384	248	220	343
Iowa.....	2,156	1,996	2,186	3,759	Colorado.....	951	694	1,134	1,727
Missouri.....	2,543	1,970	2,579	4,685	New Mexico.....	464	383	799	1,073
North Dakota.....	268	287	382	672	Arizona.....	997	577	740	1,171
South Dakota.....	670	288	383	728	Utah.....	1,454	611	675	933
Nebraska.....	2,590	1,340	1,030	1,814	Nevada.....	612	262	310	400
Kansas.....	3,705	1,821	1,772	2,954	<b>Pacific</b> .....	<b>17,868</b>	<b>15,123</b>	<b>15,617</b>	<b>22,183</b>
<b>South Atlantic</b> .....	<b>18,648</b>	<b>12,035</b>	<b>11,249</b>	<b>21,380</b>	Washington.....	3,700	3,239	2,304	3,364
Delaware.....	531	212	210	434	Oregon.....	1,006	736	921	1,478
Maryland.....	2,620	1,596	1,656	2,752	California.....	13,158	12,048	11,792	17,341
Dist. of Col.....	1,314	667	765	1,011	Unspecified.....	36	185	491	35
Virginia.....	3,496	2,434	2,066	3,492	<b>Exports direct by manufacturers</b> <sup>1</sup> .....	<b>6,974</b>	<b>6,063</b>	<b>9,897</b>	<b>6,474</b>

<sup>1</sup> Includes shipments to Alaska, Hawaii, and Puerto Rico, etc., as well as shipments to foreign countries.

Source of tables 872 and 873: Dept. of Interior, Bur. of Mines; Minerals Yearbook.

## No. 874.—CEMENT—PRODUCTION, BY KIND: 1890 TO 1946

[Portland cement, in barrels of 376 pounds; masonry, natural, and puzzolan cement in 1921 and later years in 376-pound barrels but prior to 1921 in barrels of 240, 265, and 320 pounds, respectively]

YEAR	PRODUCTION IN THOUSANDS OF BARRELS			Total value in thousands of dollars <sup>1</sup>	YEAR	PRODUCTION IN THOUSANDS OF BARRELS			Total value in thousands of dollars <sup>1</sup>
	Total	Port-land	Mason-ry, nat-ural, and puz-zolan			Total	Port-land	Mason-ry, nat-ural, and puz-zolan	
1890.....	7,777	336	7,441	4,527	1930.....	162,989	161,197	1,792	231,249
1895.....	8,731	990	7,741	5,482	1931.....	126,671	125,429	1,242	142,580
1900.....	17,231	8,482	8,749	13,284	1932.....	77,198	76,741	457	82,718
1905.....	40,102	35,247	4,855	35,932	1933.....	63,984	63,473	511	86,229
1910.....	77,785	76,550	1,235	68,752	1934.....	78,419	77,748	672	117,882
1915.....	86,708	85,915	794	74,285	1935.....	77,748	76,742	1,006	114,810
1919.....	81,307	80,778	529	138,714	1936.....	114,469	112,650	1,819	172,778
1920.....	100,791	100,023	767	203,198	1937.....	118,075	116,175	1,901	171,414
1921.....	99,381	98,842	539	187,708	1938.....	107,178	105,357	1,821	156,703
1922.....	115,679	114,790	889	203,324	1939 <sup>2</sup> .....	124,698	122,259	2,439	184,255
1923.....	138,732	137,460	1,272	263,122	1940 <sup>2</sup> .....	132,751	130,217	2,535	193,465
1924.....	150,777	149,358	1,418	272,345	1941 <sup>2</sup> .....	166,907	164,031	2,876	250,589
1925.....	163,388	161,659	1,729	281,076	1942 <sup>2</sup> .....	185,342	182,781	2,560	286,905
1926.....	166,635	164,530	2,105	280,786	1943 <sup>2</sup> .....	135,254	133,424	1,830	202,460
1927.....	175,330	173,207	2,124	281,736	1944 <sup>2</sup> .....	92,152	90,906	1,247	151,997
1928.....	178,509	176,299	2,210	278,883	1945 <sup>4</sup> .....	104,289	102,805	1,484	175,431
1929.....	172,856	170,646	2,209	255,105	1946 <sup>4</sup> .....	166,539	164,064	2,475	206,549

<sup>1</sup> Value of shipments beginning 1925.      <sup>2</sup> Shipments.      <sup>3</sup> All items except masonry, etc., include data for Puerto Rico.

<sup>4</sup> All items except masonry, etc., include data for Puerto Rico and Hawaii.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

## No. 875.—STONE—SALES, BY KIND AND BY USE: 1940 TO 1946

VARIETY AND USE	QUANTITY SOLD, THOUSANDS OF SHORT TONS (2,000 POUNDS) <sup>1</sup>							VALUE, 1,000 DOLLARS	
	1940	1941	1942	1943	1944	1945	1946	1945	1946
Total.....	153,733	183,108	195,884	171,343	155,580	153,405	178,852	179,308	234,339
Granite.....	10,881	14,299	14,065	9,240	7,395	7,740	11,119	17,053	29,492
Basalt and related rocks.....	15,716	17,937	17,627	14,385	14,043	14,911	16,400	17,533	20,683
Sandstone.....	6,499	7,593	6,701	7,408	6,427	4,387	4,254	8,712	11,407
Marble.....	240	176	170	169	153	171	205	5,285	7,920
Limestone.....	112,658	133,164	142,488	128,980	115,506	112,574	134,717	121,442	155,649
All other.....	7,740	9,939	14,835	11,160	12,055	13,622	12,156	9,284	9,188
Building stone.....	836	816	481	319	200	382	707	5,485	13,768
Monumental.....	196	237	226	210	243	251	300	11,361	17,435
Paving blocks.....	19	<sup>2</sup> 21	19	7	4	2	5	22	50
Curbing.....	71	<sup>2</sup> 66	25	12	17	13	30	204	544
Flagging.....	68	77	52	32	21	21	38	228	525
Rubble.....	916	729	544	253	135	390	293	549	650
Riprap.....	5,264	5,153	8,764	4,950	4,011	4,801	3,848	5,590	5,010
Crushed stone.....	100,268	120,964	125,268	99,648	83,081	85,373	107,267	80,430	110,893
Furnace flux, limestone and marble.....	22,872	27,436	30,263	<sup>3</sup> 31,571	<sup>3</sup> 31,080	<sup>3</sup> 27,640	<sup>3</sup> 25,158	<sup>3</sup> 22,076	<sup>3</sup> 20,792
Refractory stone.....	1,740	2,254	2,718	2,708	2,314	2,527	2,068	4,545	4,157
Agricultural limestone.....	8,724	11,910	13,745	14,522	18,941	17,396	22,782	25,892	32,483
Other uses.....	12,757	13,444	13,779	17,113	15,534	14,610	16,335	22,926	28,033

<sup>1</sup> Quantities of stones not sold by short ton are expressed in approximate equivalents in short tons; expressed in their selling units, quantities for 1946 are as follows: Building stone (cut stone, slabs, and mill blocks), 6,654,340 cubic feet; monumental stone, 3,677,920 cubic feet; paving blocks, 578,750 (number); curbing, 374,900 cubic feet; and flagging, 475,620 cubic feet.

<sup>2</sup> Sandstone paving blocks included with "curbing."

<sup>3</sup> Limestone only.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

**No. 876.—SALT—PRODUCTION, EXPORTS, AND IMPORTS: 1880 TO 1946**

[In short tons (2,000 pounds). Production figures represent sales plus that used by producers; they include Puerto Rico. Imports are imports for consumption]

YEAR	Production	Exports	Imports	YEAR	Production	Exports	Imports
1880.....	834,548	1,642	509,703	1934.....	7,612,074	105,365	53,124
1885.....	985,411	2,108	440,290	1935.....	7,926,897	112,213	51,245
1890.....	1,242,779	2,464	257,323	1936.....	8,828,936	76,974	51,041
1895.....	1,913,751	3,602	279,576	1937.....	9,241,564	70,111	45,906
1900.....	2,921,708	7,511	199,909	1938.....	8,025,768	67,498	39,513
1905.....	3,635,257	34,238	161,150	1939.....	9,277,911	124,273	46,083
1910.....	4,242,792	49,013	137,103	1940.....	10,359,960	147,044	30,402
1915.....	5,352,409	80,474	122,326	1941.....	12,720,629	123,195	15,432
1920.....	6,840,029	139,272	137,654	1942.....	13,693,284	118,424	7,754
1925.....	7,397,500	155,079	85,788	1943.....	15,214,152	145,803	1,268
1930.....	8,054,440	70,478	54,021	1944.....	15,717,171	198,368	5,554
1931.....	7,358,070	98,710	33,216	1945.....	15,394,141	190,524	4,553
1932.....	6,407,973	63,581	28,018	1946.....	15,132,145	223,426	4,263
1933.....	7,604,972	105,178	30,132				

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

**No. 877.—SALT—PRODUCTION, BY STATES AND BY KIND: 1925 TO 1946**

[Quantity figures in short tons (2,000 pounds). Represents sales plus that used by producers; includes Puerto Rico]

STATE OR KIND	1925	1930	1935	1940	1944	1945	1946
<b>Production, total.....</b>	<b>7,397,500</b>	<b>8,054,440</b>	<b>7,926,897</b>	<b>10,359,960</b>	<b>15,717,171</b>	<b>15,394,141</b>	<b>15,132,145</b>
<b>By States:</b>							
Michigan.....	2,172,600	2,558,290	2,128,171	2,863,035	4,287,758	4,285,493	4,334,202
New York.....	2,053,970	2,009,280	1,927,822	2,117,671	2,925,675	2,862,224	2,813,752
Ohio.....	1,173,590	1,311,440	1,487,315	2,080,133	2,891,395	2,764,926	2,645,995
Kansas.....	812,540	759,800	608,204	684,053	932,238	855,806	815,018
Louisiana.....	500,350	535,250	702,990	1,132,594	1,843,728	1,857,689	1,846,522
California.....	292,480	350,370	356,222	469,354	712,558	694,609	729,092
Texas.....	(1)	(1)	268,809	402,165	1,147,397	1,100,791	1,098,569
Utah.....	88,150	85,240	57,625	71,472	119,809	122,907	121,669
West Virginia.....	25,870	28,670	65,968	144,312	359,217	370,200	272,841
Other States.....	277,950	416,100	323,771	395,171	497,396	469,346	454,435
<b>By kinds:</b>							
Manufactured (evaporated).....	2,235,170	2,358,610	2,330,042	2,782,741	3,448,578	3,182,570	3,249,457
In brine.....	2,819,690	3,718,460	3,837,613	5,311,671	8,820,355	8,705,831	8,470,680
Rock salt.....	2,342,640	1,977,370	1,759,242	2,265,548	3,448,238	3,505,740	3,412,006
<b>Total value <sup>1</sup> (dollars).....</b>	<b>26,162,361</b>	<b>25,009,480</b>	<b>21,837,911</b>	<b>26,474,619</b>	<b>43,715,492</b>	<b>43,914,406</b>	<b>44,912,586</b>

<sup>1</sup> Included in "Other States."

<sup>2</sup> F. o. b. mine or refinery; values exclude cost of cooerage or containers.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

## No. 878.—EMPLOYMENT AND INJURIES IN MINERAL INDUSTRIES: 1931 TO 1946

YEAR	Average days active	WORKING		Man-days worked	Killed	INJURED		RATE 1		
		Average number	Equivalent in 300-day workers			Total	Except coal mines	Killed	Injured	
									Total	Except coal mines
1931	188	784,347	492,009	147,602,799	1,707	98,412	16,063	3.5	196.0	99.7
1932	186	671,343	398,852	110,655,616	1,368	68,717	9,745	3.7	186.3	91.6
1933	181	677,722	409,292	122,787,658	1,242	72,342	13,039	3.0	176.7	96.6
1934	195	739,737	481,807	144,542,133	1,429	81,660	13,662	3.0	189.5	100.9
1935	195	783,139	507,847	152,354,170	1,408	82,220	16,645	2.9	161.9	98.3
1936	216	824,514	593,088	177,920,334	1,696	92,644	23,098	2.8	156.2	109.8
1937	217	859,951	622,634	186,790,293	1,759	96,484	28,207	2.8	155.0	117.7
1938	187	774,894	483,523	145,056,875	1,399	71,618	20,304	3.8	148.1	107.2
1939	202	788,925	531,295	159,368,490	1,334	75,495	21,480	2.5	142.1	102.5
1940	219	801,926	585,546	175,863,792	1,716	82,861	23,080	2.9	141.5	99.7
1941	234	835,095	651,417	195,425,228	1,621	90,319	26,954	2.5	136.7	102.0
1942	260	802,640	695,800	208,739,906	1,862	94,465	24,901	2.7	135.8	93.8
1943	277	747,645	691,387	207,416,144	1,799	88,470	23,876	2.6	129.0	90.6
1944	287	877,005	648,434	194,530,188	1,571	83,466	19,775	2.4	128.7	88.5
1945 2	273	836,475	579,343	173,803,000	1,281	75,867	16,317	2.2	130.6	82.5
1946 2	244	674,700	548,647	164,894,000	1,161	74,425	17,625	2.1	135.7	86.9

<sup>1</sup> Number killed or injured per 1,000 300-day workers.<sup>2</sup> Preliminary.

## No. 879.—EMPLOYMENT AND INJURIES IN MINERAL INDUSTRIES, BY INDUSTRY GROUPS, 1946 AND EARLIER YEARS

YEAR	WORKING		Killed	INJURED		YEAR	WORKING		Killed	INJURED	
	Avg. number	Equivalent in 300-day workers		Temporary	Permanent		Avg. number	Equivalent in 300-day workers		Temporary	Permanent
Metal mines: <sup>1</sup>						Metallurgical plants—Con.					
1915	152,118	141,997	553	34,686	600	1942	51,154	56,911	29	3,518	156
1920	136,583	134,540	426	32,205	387	1943	64,735	72,542	31	4,443	223
1925	126,713	123,908	371	34,468	674	1944	58,065	63,710	38	3,928	239
1930	103,233	92,900	271	15,091	503	1945 <sup>2</sup>	46,467	50,893	19	3,371	(?)
1935	92,314	67,841	164	9,963	253	1946 <sup>2</sup>	44,700	42,533	19	2,810	(?)
1940	120,120	96,822	223	14,343	423	Coke ovens:					
1941	125,290	106,512	230	15,285	487	1916	31,603	34,119	46	5,154	83
1942	112,446	104,806	287	13,516	441	1920	28,139	29,921	49	3,336	79
1943	100,752	97,879	220	12,685	440	1925	23,254	24,054	26	1,652	44
1944	81,741	78,463	147	10,192	(?)	1930	19,865	22,936	26	990	32
1945 <sup>2</sup>	71,841	69,147	112	8,090	(?)	1935	16,125	17,251	10	304	21
1946 <sup>2</sup>	77,500	65,580	110	8,886	(?)	1940	19,962	22,879	16	523	22
Quarries:						1941	22,641	25,803	15	770	23
1915	100,740	82,447	148	9,148	523	1942	23,909	27,006	13	601	30
1920	86,488	77,069	178	10,880	337	1943	25,766	29,836	17	941	46
1925	91,872	83,487	149	13,713	452	1944	24,766	28,968	15	963	36
1930	80,633	68,631	106	7,152	265	1945 <sup>2</sup>	22,987	26,385	16	834	(?)
1935	73,005	48,744	51	4,023	129	1946 <sup>2</sup>	21,600	24,010	8	355	(?)
1940	79,509	63,737	73	5,016	172	Coal mines:					
1941	86,123	74,566	76	6,675	195	1911	728,348	532,565	2,656	(?)	(?)
1942	94,270	76,026	112	6,199	180	1915	734,008	511,598	2,269	(?)	(?)
1943	99,877	63,785	90	6,069	140	1920	784,621	601,283	2,272	(?)	(?)
1944	58,476	52,302	73	4,322	115	1925	748,806	480,227	2,234	(?)	(?)
1945 <sup>2</sup>	58,180	51,253	53	4,121	(?)	1930	644,006	412,979	2,063	101,083	2,728
1946 <sup>2</sup>	73,500	66,190	50	5,375	(?)	1935	668,202	338,672	1,242	63,701	1,874
Metallurgical plants:						1940	633,267	354,180	1,388	57,630	2,161
1916	80,201	88,896	53	14,863	217	1941	546,692	388,146	1,266	61,284	2,181
1920	69,232	65,587	61	8,714	149	1942	630,861	430,452	1,471	67,454	2,110
1925	68,935	66,230	44	7,480	231	1943	486,516	427,656	1,451	63,281	1,313
1930	40,787	44,403	26	2,570	166	1944	463,937	424,998	1,298	63,691	(?)
1935	36,498	35,438	28	1,842	119	1945 <sup>2</sup>	437,000	381,667	1,079	59,350	(?)
1940	49,068	48,278	18	2,438	144	1946 <sup>2</sup>	467,600	350,233	974	58,800	(?)
1941	54,549	56,868	34	3,298	142						

<sup>1</sup> Includes data for mines producing nonmetallic minerals other than coal.<sup>2</sup> Preliminary.<sup>3</sup> Not available.

Source of tables 878 and 879: Department of the Interior, Bureau of Mines; annual bulletins, Metal Mine Accidents, Quarry Accidents, Accidents at Metallurgical Plants, Coke Oven Accidents, and Coal Mine Accidents.

## 28. Construction and Housing<sup>1</sup>

**Construction.**—Monthly estimates of the value of work put in place are probably the most widely used of the current Federal statistics on construction. These estimates are prepared jointly by the Department of Commerce and the Bureau of Labor Statistics. Estimates of private nonresidential construction activity are primarily the responsibility of the Department of Commerce. Publicly financed construction of all types and housing construction activity are primarily the responsibilities of the Bureau of Labor Statistics.

Estimates of privately financed nonresidential construction such as stores, warehouses, and factories are based primarily on F. W. Dodge Corporation reports of construction contracts awarded, supplemented by building permit data for States which the Dodge Corp. does not cover. Public utility construction estimates are derived from data reported by the Interstate Commerce Commission and other Federal regulatory agencies, and by private associations such as the American Gas Association and the American Transit Association.

A considerable number of Federal agencies administer construction programs or award contracts for construction; some of them engage in construction themselves. In this field, construction activity data are derived by the Bureau of Labor Statistics from the reports of the respective Federal agencies. Data on other State and local governmental construction activity are obtained from F. W. Dodge Corporation and Engineering News Record reports.

Estimates of residential construction activity, including number of housing units started, average construction costs, and number of units per structure, are based primarily upon reports of building permits granted which are received from approximately 4,000 permit-granting authorities. Field surveys on a sample basis are used to obtain data on construction activity in nonpermit areas. Sample field surveys are also conducted in permit areas to determine such factors as the proportion of permits allowed to lapse, the time lag between the grant of the permit and the date of start, the relationship between permit valuation and contract valuation, and the length of the building period.

The Bureau of the Census has taken a Census of Construction for 1929, 1935, and 1939. The last census covered all persons or establishments whose principal business in 1939 was utilizing construction materials and labor in construction work for others, or for themselves for speculative and investment purposes on projects located within the limits of continental United States. Because the Census excluded force account work, its coverage was substantially less than current estimates of value of work put in place.

**Housing.**—The first national Census of Housing was taken in 1940 by the Bureau of the Census as part of the Sixteenth Decennial Census and provided comprehensive data on housing characteristics. (See tables 902-911, 913-917, 919-921.) In contrast, collection of current statistics on housing places emphasis upon data directed toward the administrative needs of specific programs. Data on housing characteristics, roughly comparable to those collected in the 1940 Census of Housing, were collected in April 1947 by the Bureau of the Census in its current population survey. During 1946 and 1947 these national figures on housing units started and on average construction costs were supplemented by national data on units completed and by corresponding data for each of 60 local areas. The current program of the Bureau of Labor Statistics provides monthly estimates of the number of housing starts in the nation as a whole, but the series on completions and the local area data have been discontinued.

Data on home mortgages and foreclosures are provided by the Home Loan Bank Board. The Federal Housing Administration compiles data on its real estate financial operations, such as volume of mortgages insured, type of lending institution, etc.

<sup>1</sup> Based on "Statistical Services of the United States Government", a paper prepared by the Division of Statistical Standards, Bureau of the Budget, for International Statistical Conference, August 20, 1947.



# No. 880.—CONSTRUCTION IN THE UNITED STATES—ESTIMATED EXPENDITURES FOR PRIVATE AND PUBLIC CONSTRUCTION: 1930 TO 1947

[Represents value of work put-in-place during year; consequently differs from building permit and construction contract data which measure value of work started. In addition, coverage generally broader than permit and contract data. Includes value and cost of installation of equipment which is integral part of structure, but not that of machinery, shipbuilding, or land costs. Annual estimates, 1915-29, comparable with data below, available in Office of Domestic Commerce, Bureau of Foreign and Domestic Commerce]

[In millions of dollars]

TYPE OF CONSTRUCTION	1930	1931	1932	1933	1934	1935	1936	1937	1938
Total.....	11,692	8,990	5,684	4,782	5,976	6,483	9,392	9,845	9,873
New construction, total.....	8,042	5,967	3,290	2,376	2,805	3,230	4,836	5,487	5,186
Private, total.....	5,265	3,375	1,467	1,012	1,235	1,676	2,550	3,300	3,076
Residential (excl. farm) <sup>1</sup> .....	1,446	1,228	462	278	361	665	1,131	1,372	1,511
Nonresidential building.....	2,099	1,104	499	404	455	472	712	1,088	764
Industrial <sup>2</sup> .....	532	221	74	176	191	158	266	492	232
Warehouses, office and loft bldgs.....	559	259	110	41	62	70	104	128	89
Stores, restaurants and garages.....	297	178	106	86	107	136	179	250	190
Other nonresidential.....	711	446	209	101	95	108	163	218	253
Farm construction.....	193	97	39	69	93	176	189	225	196
Residential.....	107	59	26	43	54	96	104	118	104
Nonresidential.....	86	38	13	26	39	80	85	107	92
Public utility.....	1,527	946	467	261	326	363	518	705	605
Railroad.....	521	292	139	94	128	116	149	199	119
Telephone and telegraph.....	333	166	87	45	47	52	67	102	92
Other public utility.....	673	488	241	122	151	195	302	404	394
Public, total.....	2,777	2,592	1,823	1,364	1,570	1,554	2,286	2,097	2,110
Residential.....					1	9	61	93	35
Nonresidential building.....	623	578	392	205	286	278	604	470	568
Industrial <sup>2</sup> .....	(?)	(?)	(?)	2	11	2	4	2	12
Educational.....	344	269	123	43	110	130	323	221	266
Hospital and institutional.....	111	104	78	43	41	31	63	62	83
Other nonresidential.....	168	205	191	117	124	115	214	185	207
Military and naval.....	29	40	34	36	47	37	29	37	62
Highway.....	1,505	1,351	961	809	826	709	927	902	858
Sewer and water.....	343	270	156	81	116	137	208	174	179
Misc. public service enterprises.....	157	209	135	61	41	59	111	101	94
Conservation and development.....	111	135	139	168	245	317	339	310	299
All other public.....	9	9	6	4	8	8	7	10	15
Work relief.....				161	658	490	1,359	924	1,403
Maintenance and repair.....	3,650	3,023	2,394	2,245	2,513	2,763	3,197	3,434	3,284

TYPE OF CONSTRUCTION	1939	1940	1941	1942	1943	1944	1945	1946	1947
Total.....	10,938	11,600	15,196	17,757	12,005	8,636	9,782	16,284	21,061
New construction, total.....	6,307	7,042	10,490	13,412	7,784	4,136	4,808	10,458	13,977
Private, total.....	3,808	4,390	5,426	3,007	1,744	1,823	2,716	8,253	10,893
Residential (excl. farm) <sup>1</sup> .....	2,114	2,355	2,765	1,315	650	535	684	3,183	5,260
Nonresidential building.....	785	1,028	1,486	635	232	350	1,014	3,346	3,131
Industrial.....	254	442	801	346	156	208	642	1,680	1,702
Warehouses, office and loft bldgs.....	76	85	114	57	13	16	52	309	216
Stores, restaurants and garages.....	211	257	286	93	19	39	147	801	619
Other nonresidential.....	244	244	285	139	44	87	173	547	594
Farm construction.....	226	236	303	271	292	213	191	350	450
Residential.....	120	127	174	144	185	136	116	212	250
Nonresidential.....	106	109	129	127	107	77	75	138	200
Public utility.....	683	771	872	786	570	725	827	1,374	2,052
Railroad.....	137	167	187	197	211	247	264	258	318
Telephone and telegraph.....	93	122	179	155	61	83	117	305	510
Other public utility.....	453	482	506	434	298	395	446	811	1,224
Public, total.....	2,499	2,652	5,064	10,405	6,040	2,313	2,092	2,205	3,084
Residential.....	65	200	430	545	700	190	71	369	182
Nonresidential building.....	859	556	1,584	3,653	1,805	638	652	325	505
Industrial.....	23	164	1,280	3,437	1,668	507	470	84	25
Educational.....	418	132	135	116	62	41	59	101	275
Hospital and institutional.....	114	50	34	32	43	58	85	85	81
Other nonresidential.....	304	210	135	68	32	32	38	55	124
Military and naval.....	125	385	1,620	5,016	2,550	837	690	188	204
Highway.....	867	882	800	616	420	346	396	772	1,233
Sewer and water.....	162	194	168	139	102	79	97	194	331
Misc. public service enterprises.....	91	90	63	36	43	46	55	87	117
Conservation and development.....	310	310	354	350	285	163	130	240	396
All other public.....	20	35	45	50	135	14	11	30	116
Work relief.....	1,189	918	711	330	38				
Maintenance and repair.....	3,442	3,640	3,995	4,015	4,183	4,500	4,974	5,826	7,104

<sup>1</sup> Estimates of new private nonfarm residential construction prepared by Bureau of Labor Statistics.

<sup>2</sup> Public industrial building not segregable from private construction in 1930-1932.

Source: Estimates of new construction for 1939-47 are joint estimates of Dept. of Commerce, Bureau of Foreign and Domestic Commerce, and Dept. of Labor, Bureau of Labor Statistics; other data except as indicated in note 1, are estimates of Bureau of Foreign and Domestic Commerce. Current estimates are published monthly in the Industry Report on Construction and Construction Materials and Survey of Current Business.



# TABLE 1001.—NEW PERMANENT DWELLING UNITS STARTED IN NONFARM AREAS BY TYPE 1920 TO 1947

Figures are estimates covering construction of all new permanent family dwelling units in nonfarm areas of United States, based upon building-permit reports, and from 1944 on building-permit information supplemented by data from field survey, in non-permitting areas. This area consists of all urban and rural nonfarm places. Urban designation is applied to all incorporated place with a population of 2,500 or more in 1940, and by special rule, to a small number of unincorporated cities and divisions. Rural nonfarm construction includes all construction for nonagricultural use in unincorporated areas and incorporated places of less than 2,500 population. Home-urban construction is classified by location whereas rural nonfarm construction is classified according to the number of individuals building. The series published formerly in the Statistical Abstract included temporary as well as permanent dwelling units from 1941. The official series of the Bureau of Labor Statistics now exclude temporary units; a new unit is not added to the country's lasting inventory of housing.

YEAR	Total non-farm	AREA		TYPE OF DWELLING		
		Urban	Rural non-farm	1-family	2-family	Multi-family
1920	27.00	19.00	8.00	202.00	2.00	2.00
1921	44.00	32.00	12.00	311.00	7.00	6.00
1922	71.00	57.00	14.00	457.00	14.00	12.00
1923	57.00	49.00	8.00	51.00	17.00	15.00
1924	82.00	71.00	11.00	52.00	17.00	14.00
1925	87.00	73.00	14.00	72.00	15.00	20.00
1926	94.00	68.00	26.00	49.00	11.00	24.00
1927	51.00	44.00	7.00	45.00	9.00	25.00
1928	73.00	59.00	14.00	42.00	7.00	20.00
1929	50.00	40.00	10.00	31.00	5.00	14.00
1930	32.00	22.00	10.00	27.00	2.00	3.00
1931	25.00	17.00	8.00	18.00	2.00	4.00
1932	14.00	9.00	5.00	17.00	1.00	4.00
1933	9.00	6.00	3.00	7.00	1.00	1.00
1934	13.00	9.00	4.00	10.00	1.00	2.00
1935	22.00	17.00	5.00	16.00	1.00	3.00
1936	31.00	21.00	10.00	24.00	1.00	6.00
1937	32.00	21.00	11.00	27.00	1.00	5.00
1938	40.00	28.00	12.00	31.00	1.00	7.00
1939	51.00	35.00	16.00	39.00	2.00	6.00
1940	60.00	39.00	21.00	49.00	3.00	8.00
1941	74.00	43.00	31.00	60.00	3.00	9.00
1942	35.00	27.00	8.00	29.00	2.00	4.00
1943	19.00	12.00	7.00	14.00	1.00	2.00
1944	14.00	9.00	5.00	11.00	1.00	1.00
1945	20.00	12.00	8.00	19.00	1.00	1.00
1946	67.00	40.00	27.00	59.00	2.00	5.00
1947	85.00	47.00	38.00	74.00	3.00	7.00

<sup>1</sup> Urban and rural nonfarm classification for years 1920-29 are based on 1920 Census; for years 1930-47 on 1940 Census.

<sup>2</sup> Includes 1- and 2-family dwelling with store.

<sup>3</sup> Includes multifamily dwelling with store.

<sup>4</sup> Preliminary.

Source: 1920-29, National Bureau of Economic Research; 1930 and later years, Department of Labor, Bureau of Labor Statistics. Annual and current data are published in monthly releases and in the monthly publication, Construction.

### No. 882.—BUILDING CONSTRUCTION IN ALL URBAN AREAS—VALUE, BY CLASS OF CONSTRUCTION AND BY SOURCE OF FUNDS: 1946 AND 1947<sup>1</sup>

[In thousands of dollars. Compiled from estimates of construction costs made by prospective builders when applying for permits to build and value of contracts awarded by Federal Government. Covers entire urban area of United States which includes all incorporated places of 2,500 or more in 1940 and, by special rule, a small number of unincorporated civil divisions]

CLASS OF CONSTRUCTION	TOTAL		NON-FEDERAL		FEDERAL <sup>2</sup>	
	1946	1947 <sup>1</sup>	1946	1947 <sup>1</sup>	1946	1947 <sup>1</sup>
All building construction.....	4,745,413	5,549,718	4,303,972	5,356,457	439,443	192,261
New buildings.....	3,972,392	4,658,605	3,574,700	4,493,901	397,692	164,704
Residential buildings <sup>3</sup> .....	2,513,789	2,945,933	2,158,202	2,910,736	355,587	35,197
1-family dwellings.....	2,106,421	2,369,476	1,830,260	2,361,509	276,161	7,967
2-family dwellings <sup>4</sup> .....	103,042	156,618	103,042	156,406	—	210
Multifamily dwellings <sup>4</sup> .....	238,814	390,008	181,531	363,009	57,283	26,999
Nonhousekeeping buildings.....	66,512	29,831	43,369	29,810	22,143	21
Nonresidential buildings.....	1,458,603	1,712,672	1,416,498	1,583,155	42,105	129,807
Amusement buildings.....	33,123	43,216	33,123	43,216	—	—
Churches.....	36,971	76,234	36,971	76,234	—	—
Factories and workshops.....	397,237	321,845	305,562	321,845	1,675	—
Public garages.....	73,513	61,713	73,513	61,713	—	—
Private garages.....	58,490	77,914	58,490	77,914	—	—
Service stations.....	23,088	25,440	23,088	25,440	—	—
Institutions.....	55,183	144,796	41,595	79,036	13,588	65,760
Office buildings.....	93,908	95,258	83,908	95,258	—	—
Public buildings.....	12,042	40,699	3,625	14,874	8,417	25,825
Public works and utilities.....	102,242	143,824	93,033	143,824	9,209	—
Schools and libraries.....	98,029	185,861	88,793	147,939	9,236	37,922
Sheds, stables and barns.....	12,210	14,621	12,210	14,621	—	—
Stores and warehouses.....	455,832	461,294	455,832	461,294	—	—
All other.....	16,645	19,957	16,645	19,957	—	—
Additions, alterations and repairs.....	771,023	891,113	729,272	862,556	41,751	28,557
On residential buildings.....	328,574	371,113	301,207	348,555	27,367	2,558
Housekeeping dwellings.....	315,697	356,163	299,396	353,789	26,301	2,364
Nonhousekeeping buildings.....	12,877	14,950	11,811	14,766	1,065	164
On nonresidential buildings.....	442,449	520,000	428,065	494,001	14,384	25,999

<sup>1</sup> Preliminary.

<sup>2</sup> Housing financed solely by State and local governments is included under "Federal" to segregate public from private housing. Includes for 1946 \$55,991,000 and for 1947 \$21,966,000, estimated cost of 8,027 and 2,942 dwelling units built by the New York City Housing Authority. Also includes for 1947 \$7,243,000 estimated cost of 1,474 units financed by all other public housing authorities.

<sup>3</sup> Includes 1- and 2-family dwellings with stores.

<sup>4</sup> Includes multifamily dwellings with stores.

Source: Department of Labor, Bureau of Labor Statistics; annual and current data are published in the monthly pamphlet, Construction, in monthly releases, and in the Monthly Labor Review.

### No. 883.—CONSTRUCTION PROJECTS FINANCED WHOLLY OR PARTIALLY FROM FEDERAL FUNDS—VALUE OF CONTRACTS AWARDED AND FORCE ACCOUNT WORK STARTED: 1935 TO 1947

[In thousands of dollars. Covers continental U. S. only, excluding unknown value of some secret work]

TYPE OF PROJECT	1935	1939	1941	1943	1945	1946	1947 <sup>1</sup>
Total.....	1,478,073	1,538,604	5,331,536	2,506,736	902,265	1,450,252	1,261,125
Airport construction <sup>2</sup> .....	( <sup>3</sup> )	4,753	499,427	243,443	41,219	14,859	15,252
Building construction:							
Residential.....	7,533	231,071	322,248	375,471	53,133	435,453	48,965
Nonresidential.....	434,949	438,151	4,099,883	1,322,008	503,806	114,200	211,701
Electrification <sup>4</sup> .....	5,497	29,775	4,125	12,299	4,606	4,530	7,484
Reclamation.....	158,027	115,612	41,880	101,270	30,765	160,263	76,677
River, harbor, and flood control.....	280,698	109,611	157,804	54,467	41,385	131,152	225,114
Streets, roads, and highways <sup>5</sup> .....	381,037	355,701	446,903	161,852	100,969	535,784	656,822
Water and sewerage.....	136,243	118,131	23,672	37,694	23,020	13,231	7,600
Miscellaneous <sup>7</sup> .....	73,789	183,599	335,594	197,682	43,298	31,761	11,450

<sup>1</sup> Preliminary.

<sup>2</sup> Exclusive of hangars and other buildings.

<sup>3</sup> Included in miscellaneous.

<sup>4</sup> Includes nonresidential construction at site of 3 Resettlement Administration projects for which breakdown of residential and nonresidential costs is not available.

<sup>5</sup> Excludes loans granted by Rural Electrification Administration.

<sup>6</sup> Includes work under jurisdiction of Public Roads Administration.

<sup>7</sup> Includes forestry and railroad construction and repair projects.

Source: Department of Labor, Bureau of Labor Statistics; current data published in Monthly Labor Review.

**No. 884.—CONSTRUCTION CONTRACTS AWARDED IN 37 STATES—VALUE OF CONSTRUCTION AND FLOOR SPACE OF BUILDINGS, BY CLASS OF CONSTRUCTION: 1927 TO 1946**

[For State figures, see table 885. Public works and public utilities cover some projects not measurable in terms of floor space, such as highways, pipe lines, subways, etc. Statistics for the 37 States were not compiled for years prior to 1925, but available figures covering a varying number of States for earlier years have been published in the 1932 and previous issues of the Statistical Abstract. Figures for the individual States and districts in table 885 represent the value of construction contracts awarded in the States and districts where the work was actually done.]

[Values in millions of dollars; floor space in thousands of square feet]

YEAR	Total	Residential	Commercial <sup>1</sup>	Manufacturing buildings <sup>2</sup>	Public works	Public utilities <sup>3</sup>	Educational	Hospital and institutional	Public buildings	Religious	Social and recreational	Miscellaneous non-residential
<b>VALUE OF CONSTRUCTION</b>												
1927	6,303.1	2,873.3	932.9	375.9	972.9	318.3	368.9	162.5	72.5	166.5	260.9	101.5
1928	6,628.3	2,788.3	864.6	506.8	964.4	417.4	390.0	164.7	76.9	197.9	253.5	67.0
1929	5,750.8	1,915.7	929.2	545.9	940.1	469.6	369.6	152.2	120.8	106.1	146.6	54.9
1930	4,523.1	1,101.3	616.3	256.6	969.6	629.8	304.2	163.1	139.8	92.8	116.6	70.9
1931	3,692.8	811.4	311.1	116.2	890.9	239.9	223.4	121.2	181.3	63.1	98.7	33.8
1932	1,351.2	280.1	122.7	43.5	621.1	62.4	80.7	48.4	118.0	27.3	32.9	13.3
1933	1,255.7	249.3	99.4	127.5	504.5	84.5	38.9	37.3	50.9	17.7	27.2	13.7
1934 <sup>4</sup>	1,543.1	248.8	160.6	116.1	631.6	111.8	112.3	37.3	55.7	18.8	46.2	14.7
1935	1,844.5	478.8	164.6	108.9	589.1	95.7	163.3	47.1	97.8	23.7	54.9	16.0
1936	2,675.3	801.6	249.1	198.0	721.8	192.1	219.0	74.1	102.2	28.3	74.9	14.2
1937	2,913.1	908.3	297.0	313.7	588.7	262.9	223.2	81.8	104.9	36.9	82.6	14.8
1938	3,196.9	985.8	215.8	121.1	850.2	289.8	334.1	115.6	114.1	35.8	108.0	27.7
1939	3,550.5	1,334.3	246.9	174.8	961.7	289.0	301.4	82.9	110.0	38.4	82.8	26.9
1940	4,004.0	1,596.9	318.3	442.4	831.3	281.1	147.2	94.1	80.2	45.7	62.6	104.3
1941	6,007.5	1,953.8	471.2	1,181.5	1,109.3	628.7	140.9	88.5	89.4	52.5	78.1	213.6
1942	3,255.1	1,817.7	302.2	2,227.3	1,302.5	1,248.1	147.9	184.9	101.6	23.5	101.8	407.7
1943	3,274.0	987.8	130.7	760.2	470.6	511.4	62.4	110.7	24.7	7.1	38.2	274.2
1944	1,994.0	348.4	80.8	472.7	429.6	310.6	69.2	69.2	11.9	11.6	32.7	161.3
1945	3,299.3	562.5	346.4	1,027.0	482.6	402.8	100.2	112.6	15.9	34.8	60.3	153.2
1946	7,489.7	3,142.1	773.2	1,317.3	1,194.7	436.6	221.4	130.9	25.1	67.6	92.6	188.3
<b>FLOOR SPACE OF BUILDINGS</b>												
1927	860,678	494,566	141,815	68,131	918	4,635	53,917	16,802	9,943	17,192	33,820	7,240
1928	965,568	568,382	159,192	92,902	809	3,496	61,460	20,014	11,268	15,368	28,012	5,795
1929	791,099	367,670	101,264	105,524	450	5,363	58,639	19,490	12,020	12,818	21,457	5,802
1930	510,382	230,040	66,586	48,019	826	7,611	67,955	19,121	17,023	10,844	10,080	7,244
1931	365,841	100,274	50,037	20,109	496	4,530	36,596	16,840	24,257	5,578	14,019	3,944
1932	185,577	73,007	23,884	9,648	575	1,219	13,710	7,319	16,196	3,518	5,534	964
1933	147,053	72,783	22,561	18,985	170	1,491	5,523	5,598	9,474	2,633	5,008	2,239
1934	162,394	64,255	28,261	17,506	292	1,804	16,775	4,222	9,455	2,670	6,582	612
1935	251,568	135,416	35,391	20,638	915	1,077	26,040	6,176	13,522	3,534	7,909	994
1936	409,676	222,314	57,178	40,291	1,038	3,360	41,965	10,369	14,282	4,312	12,689	1,496
1937	446,064	235,515	62,263	60,816	1,301	5,197	36,489	11,411	12,464	5,730	13,544	1,334
1938	429,028	240,508	41,789	25,246	1,036	1,679	57,022	17,235	15,564	6,303	17,091	5,893
1939	513,380	332,656	48,798	44,268	603	1,319	34,418	11,593	15,121	6,218	12,371	6,020
1940	690,469	420,531	66,588	94,772	330	1,536	24,761	14,401	11,869	7,108	11,909	26,553
1941	966,719	502,076	105,851	187,923	11,647	2,104	24,499	15,394	14,453	3,667	14,761	66,844
1942	1,314,221	449,454	74,079	446,055	13,400	3,837	30,586	34,083	19,806	3,477	23,326	216,117
1943	448,244	200,647	22,171	105,822	1,851	1,090	11,960	19,947	4,764	1,001	12,862	68,130
1944	234,549	73,955	12,490	84,350	1,240	3,748	9,797	7,037	1,999	1,420	5,096	32,709
1945	412,423	111,244	63,197	158,207	1,348	13,701	12,453	11,331	1,866	4,569	8,097	20,423
1946	959,610	516,250	118,563	235,238	919	10,537	25,883	16,246	2,211	8,464	11,292	15,980

<sup>1</sup> Data for airports now included with "Public utilities"; prior to 1930, included with "Commercial."

<sup>2</sup> Data for pipe lines now included with "Public utilities"; prior to 1929, included with "Manufacturing buildings."

<sup>3</sup> Excludes data for 23 Civil Works Program projects, valued at \$29,561,900, not available by class of construction.

Source: The F. W. Dodge Corporation, New York, N. Y.; Statistical and Research Division, historical record. Figures published currently in Statistical Research Service.

# No. 885.—CONSTRUCTION CONTRACTS AWARDED IN 37 STATES—VALUE BY DISTRICTS AND STATES: 1939 TO 1946

[Value in thousands of dollars. See headnote, table 884]

DISTRICT AND STATE	1939	1940	1941	1942	1943	1944	1945	1946
<b>Total (37 states).....</b>	<b>2,550,543</b>	<b>4,003,987</b>	<b>6,087,474</b>	<b>8,255,061</b>	<b>2,273,956</b>	<b>1,994,916</b>	<b>2,299,303</b>	<b>7,490,722</b>
<b>New England.....</b>	<b>255,223</b>	<b>324,695</b>	<b>439,407</b>	<b>415,983</b>	<b>190,754</b>	<b>63,778</b>	<b>164,837</b>	<b>563,411</b>
Connecticut.....	76,781	84,780	128,405	94,175	54,901	22,623	55,313	172,129
Maine.....	8,193	13,774	35,567	47,967	27,427	6,531	6,816	38,347
Massachusetts.....	126,990	150,145	200,131	152,946	74,113	39,988	82,895	292,511
New Hampshire.....	12,854	11,574	23,911	19,344	2,789	3,456	4,704	17,367
Rhode Island.....	23,692	65,203	43,158	96,466	27,039	13,980	12,121	29,741
Vermont.....	7,213	9,210	8,235	5,005	4,489	1,200	2,778	12,316
<b>Metrop. N. Y. and No. N. J.....</b>	<b>547,176</b>	<b>488,380</b>	<b>561,699</b>	<b>421,722</b>	<b>185,443</b>	<b>156,949</b>	<b>247,484</b>	<b>897,442</b>
Northern New Jersey.....	116,018	125,327	190,607	195,810	72,966	103,743	101,618	307,756
Metropolitan New York <sup>1</sup> .....	431,158	363,053	371,092	225,912	92,477	53,206	145,866	589,687
<b>Upstate New York<sup>1</sup>.....</b>	<b>138,691</b>	<b>111,196</b>	<b>174,854</b>	<b>315,811</b>	<b>77,604</b>	<b>54,612</b>	<b>79,239</b>	<b>265,767</b>
<b>Middle Atlantic.....</b>	<b>433,455</b>	<b>577,747</b>	<b>863,729</b>	<b>1,167,469</b>	<b>485,371</b>	<b>337,391</b>	<b>458,308</b>	<b>952,497</b>
Delaware.....	13,635	16,612	13,255	34,192	15,332	7,837	13,913	17,918
District of Columbia.....	77,175	64,790	84,011	101,974	33,682	30,382	41,510	61,633
Maryland.....	80,633	122,584	193,571	228,822	106,942	83,951	101,725	297,033
Southern New Jersey.....	24,738	39,240	39,308	38,089	39,487	14,157	30,745	71,995
Eastern Pennsylvania.....	188,572	165,648	283,312	351,385	116,686	93,807	187,784	316,033
Virginia.....	78,502	168,893	250,272	413,006	173,242	107,247	112,631	192,895
<b>Southeast.....</b>	<b>373,123</b>	<b>529,678</b>	<b>900,115</b>	<b>1,113,353</b>	<b>708,830</b>	<b>256,159</b>	<b>483,917</b>	<b>1,025,337</b>
Alabama.....	42,352	56,630	157,706	204,128	65,493	30,494	50,870	141,243
Florida.....	92,223	167,058	157,603	290,697	164,556	81,256	108,027	287,847
Georgia.....	64,837	91,277	158,910	188,641	73,711	42,300	66,759	196,737
North Carolina.....	68,402	90,843	200,331	170,694	91,438	46,293	80,564	180,286
South Carolina.....	41,077	48,833	87,579	110,324	52,160	21,784	21,948	119,020
Eastern Tennessee.....	64,232	85,037	137,986	148,569	256,462	34,042	157,749	101,302
<b>Pittsburgh.....</b>	<b>141,348</b>	<b>143,421</b>	<b>197,758</b>	<b>253,196</b>	<b>62,975</b>	<b>61,515</b>	<b>91,797</b>	<b>245,649</b>
Western Pennsylvania.....	104,637	102,808	137,190	182,181	40,654	35,799	60,963	161,577
West Virginia.....	36,511	40,613	60,568	70,017	22,321	25,716	30,844	84,072
<b>Cleveland (North and East Ohio).....</b>	<b>194,950</b>	<b>196,725</b>	<b>259,807</b>	<b>369,841</b>	<b>146,942</b>	<b>99,071</b>	<b>184,037</b>	<b>431,438</b>
<b>Cincinnati.....</b>	<b>216,803</b>	<b>127,789</b>	<b>196,378</b>	<b>268,437</b>	<b>105,345</b>	<b>46,686</b>	<b>119,110</b>	<b>235,839</b>
Kentucky.....	167,166	56,555	106,424	169,822	34,954	22,338	45,665	100,682
Southwest Ohio.....	49,637	71,234	91,754	98,615	70,391	24,267	64,545	134,938
<b>Southern Michigan.....</b>	<b>155,996</b>	<b>211,307</b>	<b>270,524</b>	<b>260,062</b>	<b>160,769</b>	<b>85,619</b>	<b>173,979</b>	<b>396,318</b>
<b>Chicago.....</b>	<b>401,282</b>	<b>442,113</b>	<b>725,695</b>	<b>1,035,368</b>	<b>273,449</b>	<b>253,362</b>	<b>509,695</b>	<b>963,007</b>
Northern Illinois.....	191,559	179,615	265,426	343,617	119,354	99,007	201,114	426,168
Indiana.....	87,155	126,990	254,783	403,662	89,772	66,032	184,712	253,837
Iowa.....	55,208	58,801	111,347	65,255	35,785	33,297	48,792	118,846
Northern Michigan.....	5,808	6,481	7,591	36,954	908	2,551	2,690	12,254
Southeast Wisconsin.....	61,464	72,226	86,748	166,900	27,630	56,065	72,397	161,912
<b>St. Louis.....</b>	<b>196,936</b>	<b>216,916</b>	<b>392,431</b>	<b>510,543</b>	<b>126,918</b>	<b>110,865</b>	<b>214,991</b>	<b>320,696</b>
Arkansas.....	29,172	29,103	83,195	153,499	44,555	42,251	76,568	88,103
Southern Illinois.....	73,280	77,977	91,628	186,355	38,597	30,831	46,043	65,597
Eastern Missouri.....	71,242	88,506	155,799	87,946	20,097	27,800	63,314	106,385
Western Tennessee.....	18,136	21,330	61,639	82,843	23,609	10,403	29,066	61,604
<b>New Orleans.....</b>	<b>93,279</b>	<b>122,164</b>	<b>260,484</b>	<b>381,612</b>	<b>121,303</b>	<b>73,681</b>	<b>79,413</b>	<b>119,327</b>
Louisiana.....	61,677	70,066	135,246	182,789	82,345	52,796	46,312	74,638
Mississippi.....	31,602	52,098	65,238	196,823	38,958	20,885	24,101	44,686
<b>Minneapolis.....</b>	<b>95,018</b>	<b>93,585</b>	<b>125,539</b>	<b>251,883</b>	<b>39,696</b>	<b>48,823</b>	<b>83,335</b>	<b>243,648</b>
Minnesota.....	69,446	66,132	94,021	153,613	18,548	27,967	56,635	170,745
North Dakota.....	8,364	7,335	8,658	3,445	3,710	4,400	5,703	22,747
South Dakota.....	7,696	9,817	10,799	36,699	13,090	4,228	7,626	28,381
Northwest Wisconsin.....	9,512	10,301	12,061	57,982	4,347	4,228	12,371	21,772
<b>Kansas City.....</b>	<b>127,930</b>	<b>165,497</b>	<b>298,314</b>	<b>662,231</b>	<b>294,432</b>	<b>163,236</b>	<b>162,757</b>	<b>292,262</b>
Kansas.....	35,478	51,989	100,683	264,352	80,025	67,551	49,611	92,985
Western Missouri.....	24,101	33,483	49,818	69,500	11,266	16,048	30,080	59,315
Nebraska.....	33,938	25,568	29,618	158,806	83,150	43,447	38,217	50,026
Oklahoma.....	34,413	54,367	119,196	159,571	119,991	36,184	44,949	89,924
<b>Texas.....</b>	<b>179,337</b>	<b>253,853</b>	<b>397,738</b>	<b>639,223</b>	<b>319,365</b>	<b>189,864</b>	<b>264,694</b>	<b>533,699</b>
<b>Totals for States in more than one district:</b>								
Illinois.....	269,939	257,592	357,254	549,972	157,951	129,538	247,157	491,755
Michigan.....	161,898	216,788	278,115	297,016	161,677	68,170	176,559	402,572
Missouri.....	95,343	121,989	208,887	157,446	81,369	43,843	93,394	164,700
New Jersey.....	140,756	164,507	229,915	233,999	112,473	117,900	132,363	379,751
New York.....	569,849	474,231	545,948	542,493	170,061	107,813	225,125	650,454
Ohio.....	244,587	266,959	351,561	467,956	217,333	123,338	248,572	566,376
Pennsylvania.....	263,499	268,456	420,592	533,566	157,340	129,606	218,737	477,810
Tennessee.....	82,368	106,367	199,625	231,712	280,131	44,445	166,815	162,806
Wisconsin.....	79,976	82,527	96,800	223,932	81,977	62,298	84,798	173,684

<sup>1</sup> Includes 6 boroughs, Nassau, Orange, Putnam, Rockland, Suffolk, and Westchester Counties.

<sup>2</sup> All counties north of Orange, Putnam, and Rockland.

Source: The F. W. Dodge Corporation, New York, N. Y.; figures published currently in Statistical Research Service.

## No. 886.—CONSTRUCTION CONTRACTS AWARDED—INDEXES OF VALUE: 1920 TO 1947

[1922-25 average=100. Indexes are derived from monthly figures of construction contracts awarded reported by F. W. Dodge Corporation. Reports covered 37 States beginning with May 1924 and a varying number for earlier years. In order to obtain comparable figures from 1919 to date, total value of construction contracts awarded in 37 States was estimated for January 1919 through April 1924. Seasonal adjustments computed separately for "residential" and "all other" types of construction and the two series combined. Indexes based on a 3-month moving average, centered at middle month. For more detailed description of indexes, see Federal Reserve Bulletin for July 1921.]

YEAR	Total	Residential	All other	YEAR AND MONTH	Total	Residential	All other	YEAR AND MONTH	Total	Residential	All other
1920	63	30	90	1928	64	45	80	1946—Con.			
1921	56	44	66	1929	72	60	81	September	151	147	155
1922	79	68	88	1940	87	72	89	October	148	140	144
1923	84	81	86	1941	122	98	149	November	159	139	162
1924	94	95	94	1942	166	82	233	December	164	143	163
1925	122	124	120	1943	46	40	92	1947			
1926	129	121	135	1944	41	16	61	January	146	144	148
1927	129	117	139	1945	68	36	102	February	151	152	149
1928	125	126	142	1946	133	143	161	March	152	139	154
1929	117	87	142	1947	157	142	169	April	153	135	149
1930	92	50	128	1948				May	137	110	140
1931	63	37	84	January	107	61	145	June	136	115	159
1932	28	13	40	February	135	95	160	July	163	136	170
1933	26	11	37	March	147	129	161	August	166	150	179
1934	32	12	48	April	170	172	161	September	183	168	195
1935	37	21	50	May	169	179	161	October	184	170	196
1936	56	37	70	June	174	177	172	November	193	163	217
1937	59	41	74	July	185	161	168	December	197	161	227
				August	158	167	158				

Source: Board of Governors of the Federal Reserve System; figures published currently in Federal Reserve Bulletin.

## No. 887.—ENGINEERING CONSTRUCTION CONTRACTS AWARDED—VOLUME, BY TYPE: 1926 TO 1947

[In millions of dollars. Covers continental U. S. construction projects of following minimum costs through 1945 (except for 1932-35): Waterworks, excavation, drainage, and irrigation, \$15,000; other public works, \$25,000; industrial buildings, \$40,000; other buildings, \$150,000. For 1946, these minimums were raised to \$22,500, \$40,000, \$55,000, and \$205,000, respectively, to account for rise in construction costs. For 1947, minimums used were \$28,000, \$50,000, \$68,000, and \$250,000. For 1932-35, minimums used were: \$10,500, \$17,500, \$28,000, and \$105,000.]

YEAR	Total	PUBLIC WORKS CONTRACTS					BUILDINGS			Unclassified
		Waterworks	Sewerage	Bridges	Earthwork, etc., drain.	Streets, roads	Industrial	Commercial	Public	
1926	2,554	63	104	87	55	486	313	1,277	227	344
1927	3,284	84	118	144	68	528	321	1,308	264	398
1928	3,579	100	201	139	74	617	355	1,506	280	513
1929	3,950	49	86	137	77	543	347	1,670	324	654
1930	3,173	40	83	131	77	585	331	1,084	336	529
1931	2,432	57	78	116	143	545	166	561	394	367
1932	1,219	35	25	94	101	380	98	166	341	95
1933	1,008	67	22	98	137	368	152	106	121	77
1934	1,361	92	61	99	266	345	106	81	204	108
1935	1,590	81	100	98	259	325	172	109	298	148
1936	2,387	92	121	168	167	488	309	276	436	309
1937	2,437	104	96	123	110	415	477	460	333	309
1938	2,792	131	126	125	209	636	152	550	503	279
1939	3,003	163	160	151	200	644	263	378	663	320
1940	3,987	70	91	120	224	678	594	400	1,196	603
1941	5,869	77	89	112	243	583	496	445	2,786	696
1942	9,206	151	118	80	251	531	300	292	5,678	2,064
1943	3,062	46	41	26	47	227	167	231	1,419	558
1944	1,730	33	32	17	64	195	174	140	634	416
1945	2,269	61	35	53	57	227	635	267	463	371
1946	5,176	109	114	127	228	769	1,112	1,845	414	355
1947	6,650	139	175	196	327	794	892	1,848	615	683

<sup>1</sup> \$1,200 millions canceled by W. P. B.

<sup>2</sup> Add \$1,357 millions for Atomic Bomb plants.

Source: Market and Media File, MKT. 1-5, Feb. 15, 1946; and Engineering Construction Markets, Jan.-Feb. 1946; published by Engineering News-Record and Construction Methods, New York, N. Y.

No. 888.—ENGINEERING CONSTRUCTION CONTRACTS AWARDED—VOLUME, BY TYPE,  
BY STATES: 1947

[In thousands of dollars. Covers continental U. S. construction projects of following minimum costs: Waterworks, excavation, and irrigation, \$28,000; other public works, \$50,000; industrial buildings, \$68,000; other buildings, \$250,000]

STATE	Total	PUBLIC WORKS CONTRACTS					BUILDINGS			Un- class- ified
		Water- works	Sewer- age	Bridges	Earth- work, irr., drain.	Streets, roads	Indus- trial	Com- mer- cial	Public	
United States.....	5, 659, 232	139, 141	174, 764	195, 223	326, 856	794, 133	862, 205	1, 897, 961	615, 492	653, 457
Alabama.....	63, 144	1, 617	761	1, 878	1, 263	11, 778	6, 248	21, 677	4, 963	12, 959
Arizona.....	12, 299	1, 680	-----	697	590	907	175	750	3, 260	4, 240
Arkansas.....	97, 265	1, 166	694	6, 688	44, 313	11, 215	9, 505	3, 066	3, 151	17, 467
California.....	544, 681	24, 794	18, 346	19, 978	21, 784	41, 522	73, 745	246, 921	52, 386	45, 205
Colorado.....	57, 650	671	47	1, 161	21, 166	10, 070	9, 738	275	5, 832	8, 690
Connecticut.....	99, 220	388	472	6, 857	1, 521	5, 803	28, 760	42, 736	11, 260	1, 423
Delaware.....	39, 726	355	993	314	199	2, 520	6, 511	27, 494	1, 083	257
Dist. of Columbia.....	32, 271	1, 725	937	8, 985	19	6, 581	724	9, 890	2, 113	1, 297
Florida.....	178, 097	2, 166	7, 501	4, 749	4, 001	17, 396	9, 025	92, 619	21, 051	19, 589
Georgia.....	124, 286	2, 908	2, 006	3, 001	16, 598	11, 097	11, 503	59, 585	9, 797	7, 791
Idaho.....	30, 442	-----	-----	132	2, 055	4, 510	4, 208	15, 757	1, 520	2, 260
Illinois.....	279, 389	2, 780	34, 308	10, 177	25, 326	43, 990	47, 344	36, 869	33, 699	44, 896
Indiana.....	85, 630	2, 074	1, 080	3, 509	2, 208	17, 142	18, 130	24, 851	13, 082	3, 554
Iowa.....	56, 169	987	984	4, 806	2, 366	15, 059	11, 837	7, 345	8, 269	4, 516
Kansas.....	79, 556	2, 061	2, 769	5, 160	1, 681	19, 793	13, 268	4, 852	6, 341	23, 691
Kentucky.....	83, 572	712	842	3, 511	659	23, 319	7, 906	15, 016	9, 049	22, 558
Louisiana.....	134, 204	566	1, 215	3, 955	17, 744	16, 794	39, 016	32, 033	17, 283	5, 598
Maine.....	18, 951	-----	-----	1, 563	-----	2, 729	-----	-----	353	14, 306
Maryland.....	66, 306	10, 766	1, 582	1, 355	1, 010	4, 293	3, 017	25, 192	12, 019	7, 072
Massachusetts.....	50, 737	1, 519	2, 467	1, 525	4, 011	9, 612	9, 958	8, 802	6, 113	6, 730
Michigan.....	94, 771	4, 471	7, 682	8, 055	998	12, 439	15, 924	4, 370	11, 434	29, 398
Minnesota.....	69, 641	1, 126	1, 903	1, 104	3, 111	21, 269	16, 665	6, 230	9, 063	9, 150
Mississippi.....	57, 796	927	271	2, 770	16, 768	21, 943	1, 908	4, 698	2, 565	5, 946
Missouri.....	138, 593	898	751	9, 494	5, 588	13, 580	21, 969	55, 753	15, 739	14, 821
Montana.....	42, 682	386	632	736	2, 248	4, 991	11, 306	17, 641	2, 164	2, 578
Nebraska.....	38, 102	1, 091	823	969	2, 795	7, 433	2, 903	2, 261	13, 308	6, 519
Nevada.....	12, 986	11	62	-----	86	3, 586	135	1, 655	3, 010	4, 441
New Hampshire.....	3, 926	-----	-----	1, 103	14	2, 108	-----	-----	364	337
New Jersey.....	226, 503	161	1, 750	5, 738	3, 208	14, 406	46, 155	132, 508	20, 783	1, 794
New Mexico.....	31, 097	338	-----	146	1, 025	7, 919	541	-----	5, 623	15, 505
New York.....	493, 810	15, 762	11, 804	7, 679	9, 557	52, 943	30, 026	214, 183	121, 840	30, 016
North Carolina.....	80, 795	2, 948	946	4, 011	1, 302	24, 213	7, 220	26, 494	7, 191	6, 470
North Dakota.....	33, 482	792	573	-----	13, 350	8, 078	1, 030	2, 142	4, 360	3, 157
Ohio.....	179, 696	10, 303	6, 432	2, 068	4, 823	35, 179	23, 709	73, 870	17, 348	5, 964
Oklahoma.....	75, 672	6, 576	4, 890	4, 745	4, 445	12, 461	14, 523	6, 834	8, 888	12, 310
Oregon.....	70, 259	1, 241	2, 047	1, 490	11, 767	16, 526	7, 951	8, 495	13, 656	7, 086
Pennsylvania.....	677, 979	4, 227	17, 439	17, 089	11, 900	63, 076	129, 371	388, 422	18, 919	27, 536
Rhode Island.....	27, 981	212	-----	220	193	1, 630	3, 437	19, 820	2, 093	376
South Carolina.....	64, 252	1, 406	1, 719	3, 368	15, 896	15, 010	9, 929	11, 203	3, 107	2, 614
South Dakota.....	24, 072	857	580	620	1, 243	7, 280	1, 013	3, 260	3, 491	5, 748
Tennessee.....	84, 207	2, 403	1, 547	5, 294	3, 149	18, 277	6, 376	29, 565	12, 263	5, 333
Texas.....	552, 424	10, 533	20, 220	8, 017	14, 644	71, 170	131, 520	145, 926	35, 527	114, 867
Utah.....	29, 408	1, 212	141	160	878	5, 401	7, 918	2, 001	2, 906	8, 791
Vermont.....	3, 197	-----	-----	127	-----	2, 750	-----	-----	320	-----
Virginia.....	74, 058	1, 694	3, 791	7, 503	1, 329	18, 505	5, 065	10, 790	11, 224	14, 157
Washington.....	146, 023	7, 127	4, 107	4, 410	6, 758	15, 815	11, 266	42, 965	36, 402	17, 173
West Virginia.....	34, 171	775	-----	4, 292	4, 630	7, 657	2, 920	904	603	12, 390
Wisconsin.....	119, 145	2, 733	7, 593	3, 593	592	25, 243	37, 106	10, 241	7, 397	24, 647
Wyoming.....	38, 909	56	57	421	16, 045	7, 135	3, 701	-----	1, 260	10, 234

Source: Engineering Construction Markets, January-February 1948; published by Engineering News-Record and Construction Methods, New York, N. Y.



**No. 889.—BUILDING CONSTRUCTION IN CITIES OF 50,000 OR MORE INHABITANTS  
VALUE OF ALL CONSTRUCTION AND NUMBER OF NEW DWELLING UNITS: 1943  
TO 1947**

[Valuation figures are derived from estimates of construction costs made by prospective builders when applying for permits to build and value of contracts awarded by Federal Government. No land costs are included. For type of building covered see table 882. Cities shown had a population of 50,000 and over in 1943.]

CITY	VALUE OF ALL CONSTRUCTION (\$1,000)					NUMBER OF NEW DWELLING UNITS				
	1943	1944	1945	1946	1947	1943	1944	1945	1946	1947
Akron, Ohio.....	15,926	7,838	10,300	13,890	18,037	2,530	675	821	1,301	1,028
Albany, N. Y.....	560	727	1,471	4,935	7,184	11	11	11	11	44
Allentown, Pa.....	2,113	1,890	1,658	4,498	5,632	416	361	24	375	261
Altoona, Pa.....	368	406	728	1,491	2,708	1	1	1	1	11
Amarillo, Tex.....	641	1,264	3,833	7,566	9,111	180	346	545	1,103	1,120
Arlington Co., Va. 3.....	16,143	7,007	6,874	14,023	24,709	3,640	557	823	1,428	2,011
Asheville, N. C.....	217	261	1,318	1,753	2,951	4	14	15	211	202
Atlanta, Ga.....	1,993	4,070	8,665	23,403	28,439	269	604	534	1,533	1,870
Atlantic City, N. J.....	400	1,331	1,685	2,188	2,017	1	1	1	1	1
Augusta, Ga.....	646	369	554	1,905	2,592	1	14	11	202	202
Austin, Tex.....	438	661	5,229	19,083	20,608	120	179	744	3,700	2,204
Baltimore, Md.....	11,932	11,210	12,361	50,016	48,168	2,639	944	665	1,045	1,118
Bayonne, N. J.....	986	1,274	1,777	1,774	1,700	75	209	100	219	100
Beaumont, Tex.....	352	805	1,729	3,798	6,708	75	209	100	100	100
Berkeley, Calif.....	6,290	2,856	4,331	7,079	8,890	2,571	540	303	200	200
Bethlehem, Pa.....	1,545	483	788	2,581	2,671	410	2	23	100	104
Binghamton, N. Y.....	722	715	3,069	3,102	4,010	1	1	33	279	100
Birmingham, Ala.....	3,773	3,207	5,636	15,764	18,041	60	129	304	2,007	2,410
Boston, Mass. 3.....	6,056	4,886	10,404	42,906	31,239	27	44	44	1,000	675
Bridgeport, Conn.....	4,884	1,009	2,736	5,304	5,963	623	40	58	222	441
Brockton, Mass.....	212	261	587	1,683	3,113	1	1	21	127	170
Buffalo, N. Y.....	6,235	3,911	4,596	16,197	25,909	933	61	149	271	400
Cambridge, Mass.....	1,483	1,519	2,038	8,818	9,331	2	2	101	700	17
Camden, N. J.....	1,165	768	2,440	5,314	9,885	124	2	42	202	249
Canton, Ohio.....	2,785	1,147	2,139	4,672	4,527	405	54	120	204	200
Cedar Rapids, Iowa.....	974	1,170	2,218	5,644	4,057	9	60	119	645	248
Charleston, S. C.....	1,648	1,190	2,842	1,546	1,809	26	11	35	44	60
Charleston, W. Va.....	1,426	401	2,654	3,403	(1)	25	5	67	234	(1)
Charlotte, N. C.....	275	803	4,217	9,700	10,955	2	2	200	1,120	1,807
Chattanooga, Tenn.....	509	710	2,128	4,923	6,782	14	10	170	200	218
Chester, Pa.....	1,238	181	676	3,713	1,145	310	2	13	200	20
Chicago, Ill.....	69,775	35,751	63,094	122,405	120,743	4,005	2,970	4,727	7,341	8,455
Cicero, Ill.....	1,447	1,413	2,748	2,707	3,098	197	191	221	75	100
Cincinnati, Ohio.....	2,140	2,460	7,517	35,625	31,117	24	9	410	2,122	1,144
Cleveland, Ohio.....	23,774	22,271	24,872	38,547	43,024	2,011	1,021	101	2,167	2,120
Cleveland Heights, Ohio..	509	304	2,398	1,261	3,304	123	49	200	60	102
Columbia, S. C.....	243	166	1,243	3,325	5,542	69	7	127	200	277
Columbus, Ga.....	279	794	1,842	3,493	3,697	3	102	145	120	200
Columbus, Ohio.....	2,066	1,732	7,444	19,464	23,449	203	60	400	2,015	1,677
Corpus Christi, Tex.....	1,802	2,855	3,775	9,573	14,612	200	205	641	1,100	1,705
Covington, Ky.....	48	74	(1)	958	125	1	1	(1)	22	20
Dallas, Tex.....	5,879	7,105	17,477	44,625	53,002	1,420	1,020	1,450	5,000	7,700
Davenport, Iowa.....	629	553	1,475	4,270	4,537	8	8	92	400	210
Dayton, Ohio.....	10,165	3,350	12,465	10,495	13,250	2,000	221	672	200	1,100
Dearborn, Mich.....	12,905	2,192	6,771	9,519	17,137	1,145	119	102	774	1,202
Decatur, Ill.....	929	1,128	605	2,249	4,057	120	244	101	200	220
Denver, Colo.....	2,695	4,715	16,205	20,040	26,175	200	100	2,000	6,101	2,002
Des Moines, Iowa.....	316	2,474	2,900	12,255	12,051	11	17	121	1,200	100
Detroit, Mich.....	45,975	24,161	57,975	115,445	147,057	9,100	2,700	4,027	9,400	11,975
Duluth, Minn.....	2,005	1,054	1,712	4,432	4,540	13	21	64	624	200
Durham, N. C.....	497	492	2,052	4,200	5,040	66	2	177	220	410
East Chicago, Ind.....	1,755	1,040	2,425	2,570	2,614	8	42	14	45	40
East Orange, N. J.....	540	451	550	2,310	4,245	61	2	200	200	200
East St. Louis, Ill.....	692	699	1,075	3,125	2,807	2	11	60	100	212
Elizabeth, N. J.....	750	542	540	2,700	5,700	114	13	12	200	717
El Paso, Tex.....	446	1,240	2,445	5,222	7,570	67	120	107	207	600
Erie, Pa.....	4,722	1,004	2,152	5,720	4,402	202	61	97	670	600
Evanston, Ill.....	120	715	4,422	6,000	4,100	21	21	150	441	602
Evansville, Ind.....	4,116	1,522	2,500	2,572	4,420	1,000	201	122	207	707
Fall River, Mass.....	150	202	504	2,400	1,700	1	1	14	200	110
Flint, Mich.....	2,672	2,220	4,422	10,000	11,000	400	200	200	200	970
Fort Wayne, Ind.....	1,100	1,000	2,200	7,000	4,400	100	100	100	700	772
Fort Worth, Tex.....	4,700	4,500	5,200	26,220	25,000	2,571	1,000	1,000	4,200	4,000
Fresno, Calif.....	470	1,500	2,500	4,700	14,700	200	200	200	200	700
Galveston, Tex.....	2,220	500	2,300	2,100	2,672	700	100	60	200	200

For further data, see p. 78.

**No. 889.—BUILDING CONSTRUCTION IN CITIES OF 50,000 OR MORE INHABITANTS—  
VALUE OF ALL CONSTRUCTION AND NUMBER OF NEW DWELLING UNITS: 1943 TO  
1947—Continued**

CITY	VALUE OF ALL CONSTRUCTION (\$1,000)					NUMBER OF NEW DWELLING UNITS				
	1943	1944	1945	1946	1947	1943	1944	1945	1946	1947
Gary, Ind.	1,632	2,221	3,062	6,070	9,194	84	337	302	686	1,199
Glendale, Calif.	344	1,597	4,098	8,272	10,360	39	359	454	857	972
Grand Rapids, Mich.	1,044	1,236	5,431	8,632	9,460	23	331	873	658	658
Greensboro, N. C.	126	312	3,591	4,299	8,888	2	19	147	618	1,160
Hamilton, Ohio	503	150	542	2,562	4,542	33	1	43	301	419
Hammond, Ind.	2,395	1,964	6,053	7,682	6,723	164	168	227	744	649
Harrisburg, Pa.	867	1,970	866	4,237	5,682	119	116	12	448	172
Hartford, Conn.	3,725	1,057	2,925	10,459	10,171	636	8	23	366	207
Highland Park, Mich.	535	661	2,192	1,351	3,301	—	—	3	2	1
Hoboken, N. J.	2,190	481	682	1,786	2,315	—	—	—	—	—
Holyoke, Mass.	412	273	614	1,826	1,767	52	3	24	36	120
Houston, Tex.	6,273	10,314	45,336	53,899	72,631	1,563	1,517	1,980	5,709	5,881
Huntington, W. Va.	202	1,024	2,100	4,095	4,965	6	40	160	740	684
Indianapolis, Ind.	2,997	6,049	6,874	14,783	26,804	308	494	528	1,771	2,577
Irvington, N. J.	631	971	517	799	2,462	192	246	13	36	326
Jackson, Miss.	531	895	3,682	6,945	9,661	100	199	383	838	984
Jacksonville, Fla.	6,756	5,162	7,879	15,686	21,128	1,775	509	585	1,460	1,841
Jersey City, N. J.	1,683	1,209	1,295	3,876	6,367	—	1	—	377	13
Johnstown, Pa.	175	579	851	1,641	994	1	1	5	44	39
Kalamazoo, Mich.	264	572	2,061	3,232	2,809	1	3	4	271	62
Kansas City, Kans.	612	2,672	2,076	2,997	3,847	124	519	117	256	304
Kansas City, Mo.	4,194	6,684	9,401	18,202	17,668	35	631	228	1,545	910
Knoxville, Tenn.	818	4,317	4,426	13,383	10,658	83	765	287	1,272	612
Lakewood, Ohio	880	200	667	1,294	1,577	217	7	32	229	78
Lancaster, Pa.	554	432	638	1,628	4,640	48	30	17	116	285
Lansing, Mich.	865	1,517	1,969	4,483	4,612	46	30	71	391	355
Lawrence, Mass.	202	348	924	1,611	1,997	1	1	7	49	100
Lincoln, Nebr.	742	1,439	2,113	7,124	9,875	70	127	159	447	1,032
Little Rock, Ark.	981	1,156	2,890	7,585	11,722	43	85	343	844	1,713
Long Beach, Calif.	10,816	16,673	16,073	37,426	35,206	2,971	3,354	2,679	2,380	3,979
Los Angeles, Calif.	39,591	66,295	91,570	227,742	259,041	3,408	9,091	8,063	24,532	21,139
Louisville, Ky.	4,471	4,613	7,994	15,957	18,769	613	259	802	1,877	2,655
Lowell, Mass.	155	211	419	1,697	1,871	3	3	4	323	82
Lynn, Mass.	861	597	666	2,897	2,962	3	1	11	216	124
Macon, Ga.	759	892	1,150	2,438	2,937	153	23	27	176	123
Madison, Wis.	1,894	830	2,621	6,183	5,354	73	25	215	399	625
Malden, Mass.	362	166	234	2,293	1,798	84	1	4	180	82
Manchester, N. H.	288	405	1,080	3,576	4,830	3	4	65	344	409
McKeesport, Pa.	427	195	521	1,208	1,567	39	4	9	36	69
Medford, Mass.	250	62	377	1,926	2,003	—	1	5	354	77
Memphis, Tenn.	4,225	7,927	15,305	22,581	27,047	686	740	1,253	2,468	3,440
Miami, Fla.	6,196	5,237	14,564	26,306	51,628	—	459	1,428	2,615	6,042
Milwaukee, Wis.	7,077	6,368	16,637	36,203	31,614	767	402	1,125	2,783	1,728
Minneapolis, Minn.	2,521	6,077	16,384	29,770	30,931	4	192	872	2,925	1,381
Mobile, Ala.	2,961	1,297	3,736	5,297	5,493	621	310	270	771	688
Montgomery, Ala.	284	1,822	3,616	4,281	6,016	79	421	356	876	965
Mount Vernon, N. Y.	101	134	569	1,640	2,655	—	—	211	70	108
Nashville, Tenn.	3,157	1,536	4,160	7,959	6,798	18	53	238	701	522
Newark, N. J.	5,709	2,751	6,319	11,127	16,080	70	29	298	419	606
New Bedford, Mass.	384	796	744	2,649	2,166	—	1	29	268	126
New Britain, Conn.	442	397	2,185	3,080	1,707	20	7	43	413	143
New Haven, Conn.	1,477	1,395	2,929	6,067	7,774	79	14	85	732	338
New Orleans, La.	27,664	20,237	7,362	15,072	12,452	982	4,563	1,731	2,427	1,335
New Rochelle, N. Y.	183	167	964	2,657	2,786	—	1	29	192	60
Newton, Mass.	313	271	941	3,622	7,626	7	—	90	296	366
New York, N. Y.: <sup>a</sup>										
Bronx	2,636	4,776	2,504	10,578	14,781	4	17	104	888	908
Brooklyn	7,771	15,630	7,200	84,367	46,872	7	2	549	4,443	2,474
Manhattan	4,093	11,916	14,829	141,757	62,268	2	—	389	23,776	5,530
Queens	7,582	7,213	9,666	64,412	79,062	11	96	735	8,151	8,693
Richmond	3,148	1,808	832	3,285	3,616	9	35	55	239	345
Niagara Falls, N. Y.	6,407	936	1,891	4,233	6,654	2,448	21	64	249	396
Norfolk, Va.	7,397	9,659	5,654	5,474	16,402	943	13	84	585	1,419
Oakland, Calif.	19,441	24,689	15,562	23,263	27,389	3,239	1,022	1,130	1,406	1,708
Oak Park, Ill.	152	187	571	866	1,607	14	—	16	69	165
Oklahoma City, Okla.	5,406	2,443	6,123	13,822	14,276	949	473	612	1,538	1,985
Omaha, Nebr.	5,263	5,476	4,773	13,156	8,823	169	490	322	1,069	691
Pasadena, Calif.	563	1,521	4,395	12,959	13,819	2	34	379	782	883
Passaic, N. J.	404	446	1,300	2,575	3,039	48	—	88	194	249
Paterson, N. J.	611	1,284	1,535	3,621	3,108	30	4	5	309	69
Pawtucket, R. I.	178	168	831	2,561	5,605	—	—	68	228	436

For footnotes, see p. 791.

No. 889.—BUILDING CONSTRUCTION IN CITIES OF 50,000 OR MORE INHABITANTS—  
VALUE OF ALL CONSTRUCTION AND NUMBER OF NEW DWELLING UNITS: 1943  
to 1947—Continued

CITY	VALUE OF ALL CONSTRUCTION (\$1,000)					NUMBER OF NEW DWELLING UNITS				
	1943	1944	1945	1946	1947 <sup>1</sup>	1943	1944	1945	1946	1947 <sup>1</sup>
Peoria, Ill.	497	992	2,318	4,436	4,451	1	1	51	316	314
Phoenix, Ariz.	1,918	2,471	6,928	8,534	9,656	384	310	867	817	818
Philadelphia, Pa.	23,420	17,424	22,632	65,499	72,386	4,015	170	750	5,611	5,321
Pittsburgh, Pa.	5,170	3,330	8,234	18,204	19,700	580	213	274	1,386	1,760
Pontiac, Mich.	1,248	1,598	8,777	9,605	4,438	172	214	84	345	241
Portland, Maine	2,427	498	1,411	2,643	3,336	761	35	13	104	183
Portland, Oreg.	18,850	8,022	12,336	34,922	39,953	4,830	666	710	2,434	2,274
Portsmouth, Va.	5,645	883	1,220	1,588	1,596	1,401	16	51	61	324
Providence, R. I.	884	987	2,670	12,529	8,636	—	2	46	197	178
Pueblo, Colo.	536	737	885	2,132	1,966	103	52	152	332	308
Quincy, Mass.	900	634	1,151	3,618	4,064	39	—	36	274	324
Racine, Wis.	709	1,749	2,139	3,206	6,563	87	225	157	274	348
Reading, Pa.	775	553	1,364	2,776	2,645	—	—	27	101	29
Richmond, Va.	1,409	2,558	7,770	18,266	16,611	40	209	1,066	1,799	1,722
Roanoke, Va.	153	321	1,241	5,982	7,504	—	6	103	565	455
Rochester, N. Y.	1,483	1,607	11,296	10,918	15,847	23	—	148	631	1,000
Rockford, Ill.	732	1,109	2,325	3,736	4,713	61	83	131	539	352
Sacramento, Calif.	580	1,085	11,757	13,427	12,849	3	7	377	1,779	1,174
Saginaw, Mich.	2,295	1,216	1,857	4,460	3,405	333	120	81	602	378
St. Joseph, Mo.	414	76	140	759	1,154	3	5	12	68	99
St. Louis, Mo.	4,019	8,077	14,756	31,639	28,498	39	57	190	2,370	841
St. Paul, Minn.	1,771	6,579	9,513	20,118	19,126	4	93	553	1,797	1,174
St. Petersburg, Fla.	612	829	4,614	11,088	17,426	1	46	565	1,533	2,295
Salt Lake City, Utah	2,626	4,621	6,233	14,057	11,368	292	734	400	1,709	1,146
San Antonio, Tex.	3,571	5,332	14,518	25,654	30,208	1,040	879	1,741	3,788	5,232
San Diego, Calif.	21,393	19,697	22,167	23,100	30,428	5,827	1,942	2,244	2,931	3,438
San Francisco, Calif.	28,432	24,564	2,780	50,959	48,290	4,722	3,814	3,762	3,530	3,102
San Jose, Calif.	429	1,131	3,526	10,376	11,451	—	8	269	994	818
Santa Monica, Calif.	1,375	1,666	3,245	9,894	11,817	166	352	364	1,265	1,428
Savannah, Ga.	2,898	1,107	2,156	3,443	5,886	808	210	214	480	578
Schenectady, N. Y.	578	2,599	2,348	4,553	2,541	1	—	5	177	124
Scranton, Pa.	5,788	1,211	1,326	2,417	3,253	—	—	2	25	27
Seattle, Wash.	24,148	17,290	20,828	41,807	40,435	4,306	1,724	2,827	3,264	3,346
Shreveport, La.	409	1,608	2,636	9,040	22,004	24	78	418	1,247	1,202
Sioux City, Iowa	109	601	1,184	2,740	3,293	1	5	37	442	231
Somerville, Mass.	182	216	670	1,609	2,500	—	—	—	2	63
South Bend, Ind.	2,694	3,040	6,437	7,085	9,814	101	483	398	906	640
Spokane, Wash.	12,162	3,320	7,622	14,181	18,697	3,453	64	333	1,623	1,731
Springfield, Ill.	189	425	816	4,915	4,865	16	10	39	472	351
Springfield, Mass.	4,293	1,845	4,780	9,606	11,220	666	15	200	929	574
Springfield, Mo.	507	1,033	1,890	4,336	4,762	8	74	236	637	589
Springfield, Ohio	1,065	830	2,217	2,937	5,038	179	68	29	308	257
Stockton, Calif.	2,240	1,375	10,662	6,110	6,627	715	21	445	604	575
Syracuse, N. Y.	1,238	1,504	3,097	7,254	6,503	62	22	115	874	374
Tacoma, Wash.	6,011	2,058	5,750	11,273	11,570	1,099	270	457	1,073	753
Tampa, Fla.	1,765	3,325	4,746	8,157	9,316	299	703	402	868	887
Terre Haute, Ind.	373	491	596	3,059	1,372	2	—	—	527	119
Toledo, Ohio	1,988	2,179	5,752	10,213	12,017	—	157	358	948	646
Topeka, Kans.	59	892	1,190	4,257	3,780	3	55	212	855	446
Trenton, N. J.	1,542	927	2,132	2,858	3,058	320	1	13	172	61
Troy, N. Y.	148	265	444	4,350	2,166	1	1	—	637	19
Tulsa, Okla.	1,371	1,158	4,228	9,511	11,288	209	275	525	1,266	1,233
Union City, N. J.	87	370	428	614	795	—	—	—	1	1
Upper Darby Township, Pa. <sup>2</sup>	1,266	131	1,069	4,179	4,803	381	—	157	570	601
Utica, N. Y.	265	1,218	1,450	2,502	2,233	—	187	9	76	129
Waco, Tex.	549	954	2,168	5,016	8,731	106	272	416	963	853
Washington, D. C.	24,315	19,918	26,574	46,253	42,964	5,234	2,598	3,352	4,000	4,303
Waterbury, Conn.	2,394	1,182	1,640	3,238	4,317	550	106	65	432	261
Waterloo, Iowa	290	757	2,847	5,137	4,413	1	23	165	588	312
Wheeling, W. Va.	291	449	1,823	2,389	3,257	1	1	1	42	46
Wichita, Kans.	4,687	2,251	3,029	14,003	16,643	1,484	38	165	1,690	1,993
Wilkes-Barre, Pa.	275	369	569	1,154	3,648	—	—	—	—	97
Wilmington, Del.	3,706	1,144	4,254	5,063	3,332	796	60	48	208	111
Winston-Salem, N. C.	380	1,086	1,492	3,387	6,057	2	4	119	434	584
Worcester, Mass.	645	1,064	3,164	7,443	8,033	12	13	288	800	563
Yonkers, N. Y.	322	514	1,281	6,843	10,288	—	2	66	577	1,152
York, Pa.	382	278	765	2,221	3,205	50	—	13	176	115
Youngstown, Ohio	400	607	1,914	4,822	6,528	12	8	60	466	366

<sup>1</sup> Preliminary. <sup>2</sup> Classified as urban under special rule by Bureau of the Census, 1940

<sup>3</sup> Figures represent applications filed. <sup>4</sup> Not available.

<sup>5</sup> 1943-44 represent applications filed, adjusted to eliminate large postwar projects. Data for 1945 to 1947 represent work actually started, based on inspections instead of on applications filed, as in previous years.

Source: Department of Labor, Bureau of Labor Statistics: 1943 from annual reports on building construction; subsequent annual and current data for cities of 100,000 or more published in monthly releases; data for cities 50,000 to 100,000 from records not published elsewhere.

No. 890.—CONSTRUCTION AND BUILDING COST INDEXES: 1913 TO 1947

[1913=100 except Aberthaw for which base year is 1914. For Bureau of Labor Statistics index of building material prices, see pp. 296 and 297]

YEAR	AAC (new) <sup>1</sup>	AGC <sup>2</sup>	ENR Const. <sup>3</sup>	ENR Bldg. <sup>3</sup>	Boeckh, N. Y. <sup>4</sup>	Aber- thaw <sup>5</sup>	Fuller <sup>6</sup>	Turner <sup>7</sup>
1913.....	100	100	100	100	100	-----	100	100
1914.....	98	99	89	92	102	100	102	100
1915.....	101	100	93	95	99	100	130	103
1916.....	116	114	130	131	116	107	143	120
1917.....	143	152	181	167	135	126	156	147
1918.....	177	175	189	159	155	147	160	166
1919.....	229	198	198	159	171	172	168	196
1920.....	283	247	251	207	230	234	209	252
1921.....	216	200	202	166	193	179	188	183
1922.....	200	184	174	155	187	170	175	175
1923.....	224	201	214	186	215	202	190	196
1924.....	222	202	215	186	215	198	194	194
1925.....	217	199	207	183	211	195	198	195
1926.....	217	197	208	185	230	197	202	195
1927.....	217	200	206	186	223	193	197	190
1928.....	217	199	207	188	238	191	196	190
1929.....	217	203	207	191	242	190	201	185
1930.....	200	200	203	185	238	186	199	165
1931.....	178	196	181	169	230	176	180	145
1932.....	155	171	157	141	208	168	157	136
1933.....	150	163	170	148	197	170	155	140
1934.....	161	178	198	167	209	176	171	160
1935.....	162	176	196	166	200	177	167	162
1936.....	170	179	206	172	206	184	168	169
1937.....	198	188	235	196	226	199	187	192
1938.....	199	189	236	197	243	191	192	188
1939.....	200	188	236	197	248	190	195	182
1940.....	204	189	242	203	251	193	196	193
1941.....	217	198	258	211	255	208	206	215
1942.....	241	209	276	222	260	223	229	245
1943.....	252	216	290	229	264	225	238	257
1944.....	261	223	299	235	284	227	240	244
1945.....	271	231	308	239	294	236	241	263
1946.....	322	257	346	262	333	279	290	318
1947.....	430	296	407	308	386	304	354	380

<sup>1</sup> American Appraisal Co. Average for 30 cities of 4 types of buildings: Wood frame, brick-wood frame, brick-steel frame, reinforced concrete. Mechanicals not included. Based on actual appraisal costs. Available for individual cities. Recently revised to include adjustments for social security taxes, unemployment insurance and corresponding "overhead."

<sup>2</sup> Associated General Contractors of America. Wages and materials for 12 cities combined in 40-60 ratio. Wages, prevailing rates for hod carriers and common labor. Materials, weighted: Sand, gravel and crushed stone, 1; cement, 1; lumber, 1; hollow tile, 1/4; structural and reinforcing steel, 1/4.

<sup>3</sup> Engineering News Record construction cost index has 4 components: (1) Structural steel shapes, base price; (2) cement at Chicago; (3) lumber, which until 1935 was 12 x 12 long leaf yellow pine wholesale at New York, and since 1935 is 2 x 4 S4S pine and fir in carload lots, ENR 20-cities average; (4) common labor, ENR 20-cities average of wage rates in force. This construction cost index is designed to predict changes in construction cost trends and to measure the movement of construction costs in general. It is not intended to apply to any specific class of construction or to a particular locality. ENR Building Cost index: In practice, the construction cost index has been used widely to apply to building costs, and when common and skilled labor rates move in similar trends it is a satisfactory measure of relative building cost movement. However, following the low wage rates of 1932, common labor climbed much faster than skilled and reached new all-time highs by July 1937. The increase was in the lower ranges between union and nonunion. When "prevailing" wages became synonymous with union wages the gap closed up, hence the ENR 20-cities wage average increased more rapidly than the union rates. To provide a more representative measure of building cost movement, the skilled labor trend has been substituted for the common labor trend in the ENR Construction Cost index, and the ENR Building Cost index computed.

<sup>4</sup> E. H. Boeckh & Assoc., Inc. Individual series for 10 types of buildings for 16 areas. Weights based on studies of actual building costs—vary with different type of structures. Material prices are those paid by contractors to material dealers. Prevailing skilled and common wage rates from contractors. Base: United States average, 1926-29=100. Series given here is brick and concrete, New York, converted to 1913=100 base.

<sup>5</sup> Aberthaw. Until Mar. 31, 1946, New England, 7-story and basement (62' 4" x 202' 4"), reinforced concrete building built in 1914, repriced quarterly as a construction bid to duplicate original building; labor costs based on current experience with similar construction. Since Mar. 31, 1946, New England, composite of 36 major cost items in 3 multi-story and 2 one-story industrial buildings, including all mechanical trades, repriced using actual and estimated labor and material costs.

<sup>6</sup> George A. Fuller Company. Composite of 36 major cost elements, in 3 commercial type buildings, including mechanicals, elevators, wiring, heating and ventilating, repriced.

<sup>7</sup> Turner Construction Co. Eastern Cities. Own building cost experience applied to these factors: Labor rates, material prices, productivity of labor, efficiency of plant and management, competitive conditions.

Source: Engineering News-Record, New York, N. Y.; May 27, 1948 issue.

## No. 891.—MATERIALS CONSUMPTION FOR NEW CONSTRUCTION: 1944 AND 1945

[Data represent estimated quantities of materials required by construction activity, both public and private, in the United States. They are divided into 4 major categories: (1) Military, which covers Army and Navy establishments, camps, cantonments, hospitals, airfields and bases, storage facilities, etc. (2) Plant expansion, which includes the construction of industrial plants engaged in the production of ships, aircraft, and other war materials, (3) Housing, which represents civilian, nonmilitary housing, and (4) All other nonmilitary construction such as schools, hospitals, commercial establishments, streets, roads, sewer and water development, farm construction, and utilities. Estimates do not include materials consumed in the manufacture of machines, machine tool and processing equipment.]

MATERIAL AND UNIT OF MEASURE	Year	Grand total	Maintenance, etc.	Total construction	MILITARY			
					Total	Housing	Aeronautics facilities	Other
Asphalt.....1,000 short tons..	1944	1,879	.....	1,379	468	90	261	117
	1945	1,548	.....	1,548	307	73	125	109
Brick (common and face) millions..	1944	2,004	1 052	1,352	161	49	44	66
	1945	2,213	1 008	1,515	116	67	17	33
Building blocks.....do.....	1944	276	80	196	4	3	(1)	2
	1945	336	95	240	5	3	(1)	3
Building boards.....million sq. ft..	1944	1,088	322	766	264	82	104	68
	1945	1,058	300	698	123	39	38	46
Cast iron.....1,000 short tons..	1944	392	.....	392	141	44	34	73
	1945	429	.....	429	111	29	13	70
Cement.....1,000 bbls..	1944	94,230	17,972	76,258	17,224	2,308	9,987	4,960
	1945	108,597	125,872	82,725	11,877	1,809	6,991	3,677
Copper.....short tons..	1944	29,616	.....	29,616	7,147	2,184	3,177	1,316
	1945	32,946	.....	32,946	4,640	1,604	1,420	1,618
Gypsum board.....million sq. ft..	1944	2,107	236	1,872	234	73	94	68
	1945	2,172	236	1,887	142	57	39	46
Lead.....short tons..	1944	37,784	.....	37,784	11,694	3,673	3,444	4,677
	1945	34,572	.....	34,572	6,414	1,579	1,203	3,642
Lumber.....million bd. ft..	1944	5,840	.....	5,840	1,273	610	269	394
	1945	4,603	.....	4,603	610	275	147	188
Roofing materials.....1,000 squares..	1944	65,317	52,328	12,989	6,704	2,149	2,749	1,806
	1945	66,940	53,448	13,492	4,907	1,440	1,614	1,858
Sewer pipe (clay).....1,000 tons..	1944	784	236	548	114	26	31	48
	1945	818	236	582	76	29	18	29
Steel.....1,000 short tons..	1944	2,067	.....	2,067	207	38	93	76
	1945	2,746	.....	2,746	211	33	71	108
Steel plate.....do.....	1944	286	.....	286	53	3	23	27
	1945	381	.....	381	42	5	16	23
Structural tile.....1,000 tons..	1944	600	1 202	598	39	18	6	16
	1945	826	1 197	629	22	6	6	11
Zinc.....short tons..	1944	10,370	.....	10,370	1,088	295	929	464
	1945	10,027	.....	10,027	1,124	258	452	414

MATERIAL AND UNIT OF MEASURE	Year	WAR PLANT EXPANSION			CIVILIAN HOUSING			ALL OTHERS	
		Total	Government financed	Privately financed	Total	Government financed	Privately financed	Public	Private
Asphalt.....1,000 short tons..	1944	186	149	37	169	63	106	423	134
	1945	231	129	102	166	34	132	619	226
Brick.....millions..	1944	452	344	108	701	194	507	8	30
	1945	586	300	286	731	126	606	20	53
Building blocks.....do.....	1944	47	27	20	106	18	88	11	28
	1945	64	30	34	122	30	92	15	34
Building boards.....million sq. ft..	1944	131	100	31	93	36	57	130	158
	1945	168	80	88	87	13	74	138	182
Cast iron.....1,000 short tons..	1944	130	114	17	59	14	45	38	21
	1945	181	106	75	61	9	52	43	34
Cement.....1,000 bbls..	1944	9,079	8,229	840	6,906	1,908	4,978	33,256	9,730
	1945	11,248	6,264	4,984	6,841	851	6,990	39,189	13,570
Copper.....short tons..	1944	11,155	9,371	1,784	1,548	430	1,118	3,728	6,033
	1945	16,643	9,119	7,524	1,966	512	1,454	1,935	7,762
Gypsum board.....million sq. ft..	1944	154	121	33	900	255	654	263	312
	1945	189	106	82	834	118	706	265	468
Lead.....short tons..	1944	9,221	7,943	1,288	6,219	1,728	4,491	3,654	6,989
	1945	12,361	7,669	4,692	5,476	901	4,575	2,826	7,496
Lumber.....million bd. ft..	1944	726	586	170	1,518	407	1,111	406	1,918
	1945	651	298	353	1,634	169	1,465	312	1,496
Roofing materials.....1,000 squares..	1944	2,806	1,835	971	1,771	498	1,273	767	941
	1945	2,906	1,660	1,346	1,628	171	1,452	1,532	2,526
Sewer pipe (clay).....1,000 tons..	1944	107	82	25	5	3	2	208	70
	1945	114	83	32	6	3	6	281	102
Steel.....1,000 short tons..	1944	916	786	130	74	19	55	519	252
	1945	1,321	894	427	96	16	80	488	620
Steel plate.....do.....	1944	158	118	35	7	2	5	42	21
	1945	256	177	79	7	1	6	36	39
Structural tile.....1,000 tons..	1944	504	380	124	35	10	25	6	15
	1945	535	290	245	45	7	38	9	16
Zinc.....short tons..	1944	1,612	1,152	460	2,504	705	1,799	1,558	2,006
	1945	2,608	1,290	1,313	2,373	323	2,050	1,212	2,715

<sup>1</sup> Includes exports.

<sup>2</sup> Less than indicated unit.

Source: War Production Board; published in Facts for Industry Series 50-5.



## No. 892.—BUILDING COSTS, SMALL-HOUSE—INDEXES: 1936 TO 1947

[Average month of 1935-39=100. This index is a 3-month moving average of cost estimates for building a standard 6-room frame house. Data have been revised to reflect a new system of data collection utilizing Bureau of Labor Statistics facilities. See source publication for discussion of old and new concepts. Series discontinued after July 1947]

YEAR	Yearly average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>TOTAL COST</b>													
1936.....	96.4	95.1	95.1	95.2	95.5	95.9	96.1	96.5	96.8	97.0	97.8	97.8	98.7
1937.....	104.5	99.9	101.1	102.9	104.3	105.2	105.8	106.2	106.3	106.2	105.9	105.5	104.8
1938.....	102.6	104.2	103.7	103.8	103.0	102.7	102.6	102.5	102.1	102.0	101.7	101.7	101.6
1939.....	101.5	101.5	101.5	101.6	101.4	101.2	101.1	101.0	100.9	101.3	101.8	102.3	102.3
1940.....	103.2	102.2	102.3	102.2	102.1	102.1	102.1	102.1	102.3	102.9	104.7	106.1	107.6
1941.....	113.1	108.4	109.2	109.7	110.2	110.7	111.8	112.8	114.3	115.7	117.6	118.2	118.8
1942.....	122.4	119.5	120.4	121.3	121.6	122.0	122.6	123.0	123.4	123.3	123.5	123.6	124.3
1943.....	127.0	124.4	124.9	125.1	125.5	126.0	126.3	126.7	127.3	127.8	129.1	130.1	131.0
1944.....	134.1	131.7	132.1	132.6	133.2	133.7	134.1	134.3	134.7	135.0	135.3	135.9	136.0
1945.....	137.4	136.1	136.3	136.7	136.8	136.9	137.0	137.2	137.4	138.0	138.5	139.1	139.3
1946.....	147.8	139.7	140.3	141.0	142.1	143.6	145.7	147.7	149.8	151.8	154.0	156.7	159.8
1947.....	-----	167.0	173.8	179.6	182.5	183.7	184.8	185.1	-----	-----	-----	-----	-----
<b>MATERIAL COSTS</b>													
1936.....	97.1	95.9	96.1	96.2	96.3	96.5	96.7	97.0	97.4	97.5	97.8	98.3	99.5
1937.....	105.6	101.0	102.6	104.6	106.0	106.7	107.0	107.2	107.3	107.0	106.5	105.9	105.0
1938.....	101.5	104.1	103.4	102.6	102.1	101.7	101.5	101.2	100.5	100.4	100.3	100.2	100.0
1939.....	100.0	99.9	99.9	99.9	99.8	99.6	99.5	99.4	99.3	99.9	100.5	101.3	101.4
1940.....	102.1	101.3	101.3	101.3	101.1	101.2	101.2	101.1	101.3	101.9	103.3	104.5	105.7
1941.....	111.0	106.4	107.2	107.9	108.2	108.4	109.0	110.2	112.1	113.8	115.7	116.3	117.1
1942.....	120.4	118.0	119.0	119.7	120.1	120.4	120.5	120.7	120.8	121.1	121.2	121.4	121.4
1943.....	123.7	121.3	121.5	121.7	121.9	122.4	122.6	123.1	123.8	124.5	126.1	127.2	128.1
1944.....	131.2	128.8	129.4	129.8	130.4	130.9	131.4	131.6	132.1	132.2	132.2	132.4	132.5
1945.....	133.8	132.5	132.8	133.1	133.2	133.4	133.5	133.8	133.9	134.1	134.6	135.0	135.2
1946.....	144.1	135.5	136.3	137.1	138.0	139.2	141.6	143.7	146.1	148.0	150.3	153.6	158.6
1947.....	-----	168.2	177.6	185.6	188.8	189.1	189.0	188.5	-----	-----	-----	-----	-----
<b>LABOR COSTS</b>													
1936.....	95.0	93.4	93.2	93.3	93.9	94.6	95.0	95.4	95.5	95.9	96.3	96.9	97.2
1937.....	102.4	97.6	98.2	99.4	101.1	102.2	103.5	104.2	104.5	104.6	104.7	104.8	104.5
1938.....	104.7	104.3	104.2	104.6	104.7	104.6	104.8	105.0	105.3	105.1	104.7	104.6	104.8
1939.....	104.4	104.7	104.8	104.9	104.5	104.3	104.2	104.2	104.1	104.3	104.5	104.2	104.2
1940.....	105.4	104.0	104.2	104.2	103.9	104.0	103.9	104.0	104.3	104.7	107.3	109.2	111.5
1941.....	117.3	112.6	113.2	113.3	114.2	115.3	117.3	117.9	118.8	119.5	121.6	121.9	122.4
1942.....	126.8	122.7	123.2	124.4	124.7	125.1	126.7	127.8	128.6	129.3	129.5	129.5	130.0
1943.....	133.7	130.5	131.8	132.0	132.8	133.4	133.7	133.9	134.1	134.3	135.3	135.7	136.9
1944.....	139.9	137.3	137.6	138.2	138.9	139.2	139.4	139.8	139.9	140.8	141.4	142.8	143.0
1945.....	144.8	143.3	143.4	143.9	143.9	143.8	143.9	144.1	144.5	146.0	146.3	147.3	147.5
1946.....	155.3	147.9	148.5	148.9	150.6	152.5	153.8	155.6	157.2	159.3	161.6	163.1	164.8
1947.....	-----	166.8	168.6	170.2	172.4	175.5	179.2	181.0	-----	-----	-----	-----	-----

Source: Housing and Home Finance Agency, Home Loan Bank Board; Statistical Supplement to Federal Home Loan Bank Review, 1947, and records.

## No. 893.—CONSTRUCTION—VALUE OF WORK PERFORMED, FOR CITIES OF 100,000 OR MORE INHABITANTS, BY SIZE GROUPS: 1939

[Geographic distribution based on office address of reporting establishment, not location of construction project. See also headnote, table 894]

CITY-SIZE GROUP	Number of cities	Percent of United States population	ESTABLISHMENTS		WORK PERFORMED	
			Number	Percent of United States total	Value (1,000 dollars)	Percent of United States total
All cities.....	92	28.8	79,755	37.1	2,475,405	54.7
500,000 and over.....	14	17.0	44,425	20.7	1,460,366	32.3
250,000 to 499,999.....	23	5.9	17,175	8.0	547,735	12.1
100,000 to 249,999.....	55	5.9	18,155	8.4	467,304	10.3

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. IV, Construction.



# No. 894.—CONSTRUCTION—SUMMARY, BY KIND OF CONTRACTOR, BY SIZE GROUPS: 1939

[The 1939 Census of Construction covered all persons or establishments whose principal business in 1939 was utilizing construction materials and labor in construction work for others, or for themselves for speculative and investment purposes, on projects located within the limits of continental United States. It included erection and installation departments of manufacturers and merchandisers, when it was an important but not necessarily major portion of their business enterprise. Force-account work, ship and boat building, and installation and servicing of domestic appliances were not included. "Work performed" represents contract or order value of work done by the contractor's or builder's own forces. Work sublet to others was not included as work performed in the report of the builder or general contractor, but was reported as part of the business of the special trade contractor who received the subcontract. "Construction work" includes alterations and repairs, as well as new construction and additions. Data for establishments reporting less than \$300 of work performed in 1939 are not included. The canvass is known to have been incomplete in coverage of small contractors who operated from their homes. Most of this shortage occurred in metropolitan districts. It is believed that this under-coverage affects materially only number of establishments and number of proprietors]

KIND OF CONTRACTOR	NUMBER OF ESTABLISHMENTS			VALUE OF WORK PERFORMED (1,000 DOLLARS)			MATERIALS USED AND EQUIPMENT INSTALLED (1,000 DOLLARS) <sup>1</sup>		
	Total	\$25,000 and over <sup>2</sup>	Under \$25,000 <sup>(3)</sup>	Total	\$25,000 and over <sup>2</sup>	Under \$25,000 <sup>(3)</sup>	Total	\$25,000 and over <sup>2</sup>	Under \$25,000 <sup>(3)</sup>
United States.....	215,059	30,912	184,139	4,519,794	3,479,671	1,040,123	2,046,613	1,625,344	421,269
<b>Builders.....</b>	<b>3,705</b>	<b>1,534</b>	<b>2,171</b>	<b>108,258</b>	<b>89,919</b>	<b>18,339</b>	<b>72,976</b>	<b>61,438</b>	<b>11,538</b>
General contractors.....	35,153	14,880	20,273	2,403,630	2,208,080	195,550	1,085,735	969,368	96,466
Building contractors.....	29,641	10,638	19,003	1,74,893	1,63,629	11,264	588,832	498,358	90,474
Highway contractors.....	3,627	2,667	960	590,571	579,704	10,867	248,395	245,380	3,015
Heavy contractors.....	1,890	1,577	313	638,306	634,747	3,559	248,508	247,528	980
Special trade contractors.....	176,187	14,496	161,689	2,007,904	1,181,672	826,232	887,902	574,640	313,262
Air conditioning <sup>3</sup> .....	798	338	460	40,398	35,459	4,939	22,911	20,318	2,593
Carpentering.....	30,044	467	29,577	132,957	24,521	108,436	48,190	10,890	37,300
Concreting.....	4,464	397	4,067	57,030	32,486	24,544	24,080	14,545	9,485
Electrical (other than power lines).....	15,915	1,640	14,275	222,774	137,472	85,302	102,036	64,324	37,706
Elevator (installation and repair).....	409	130	279	45,083	42,381	2,702	20,985	20,108	877
Excavating and foundation.....	406	75	330	8,007	5,321	2,686	2,780	1,913	866
Excavating and grading.....	1,852	201	1,651	22,536	10,389	12,147	2,016	826	1,190
Flooring (wood only).....	1,088	111	977	13,735	7,041	6,694	6,397	3,765	2,632
Flooring (wood and other).....	445	173	272	17,636	15,260	2,377	9,771	8,779	992
Flooring (surfacing and resurfacing).....	643	19	623	2,621	466	2,155	592	197	465
Heating and plumbing group.....	37,112	4,686	32,426	572,878	349,987	222,891	299,891	192,240	107,451
Heating and piping.....	2,882	743	2,139	75,550	57,048	18,502	40,133	30,790	9,427
Heating and piping, with sheet metal.....	1,572	289	1,283	36,297	25,306	10,992	18,500	13,345	5,155
Heating, piping, and plumbing.....	13,106	2,166	11,001	251,075	161,636	89,440	134,617	90,330	44,287
Heating, piping, plumbing, with sheet metal.....	2,122	533	1,589	62,384	48,078	14,306	33,761	26,430	7,322
Plumbing.....	16,609	914	15,695	141,334	55,724	85,610	69,546	31,363	38,183
Plumbing, with sheet metal.....	761	42	719	8,238	2,197	6,041	3,074	1,137	1,937
Insulation.....	708	273	435	26,800	22,132	4,668	11,356	9,465	1,891
Lathing.....	522	69	453	9,417	6,561	2,856	2,136	1,742	394
Plastering and lathing.....	720	231	489	24,782	20,015	4,767	8,703	6,907	1,796
Plastering.....	5,347	401	4,946	56,786	27,614	29,172	30,202	10,449	9,753
Ornamental iron.....	622	144	478	14,421	10,814	3,607	7,061	5,439	1,622
Painting.....	10,046	228	9,818	46,347	12,519	33,828	11,017	2,907	8,020
Painting, paperhanging, and decorating.....	39,973	829	39,144	180,917	46,931	133,986	43,979	10,783	33,196
Roofing and sheet metal group.....	11,793	1,782	10,011	187,666	118,128	69,537	84,043	54,715	29,328
Roofing.....	4,675	844	3,831	78,716	51,098	27,618	35,221	22,934	12,287
Roofing and sheet metal.....	3,046	646	2,400	68,726	49,480	19,246	32,133	24,079	8,054
Sheet metal.....	3,572	292	3,280	40,214	17,571	22,643	16,689	7,702	8,987
Masonry.....	7,026	702	6,324	97,339	60,921	36,418	30,540	20,888	12,652
Tile and mantel.....	2,149	519	1,630	48,944	35,223	13,721	22,904	16,324	6,580
Steel erection and repair.....	567	266	301	60,863	77,838	3,025	51,124	50,285	839
Weather stripping.....	419	56	363	7,214	4,656	2,558	2,568	1,706	862
Glass and glazing.....	1,040	180	860	17,821	12,698	5,123	8,336	6,112	2,224
House moving.....	608	83	525	4,016	1,449	2,567	286	199	193
Other.....	1,467	545	921	70,072	63,221	6,851	35,156	32,666	2,487

For footnotes, see next page.

## No. 894.—CONSTRUCTION—SUMMARY, BY KIND OF CONTRACTOR, AND BY SIZE GROUPS: 1939—Continued

KIND OF CONTRACTOR	ACTIVE PROPRIETORS AND FIRM MEMBERS			EMPLOYEES (AVERAGE FOR YEAR) <sup>1</sup>			TOTAL PAY ROLL (1,000 DOLLARS) <sup>4</sup>		
	Total	\$25,000 and over <sup>2</sup>	Under \$25,000 <sup>(3)</sup>	Total	\$25,000 and over <sup>2</sup>	Under \$25,000 <sup>(3)</sup>	Total	\$25,000 and over <sup>2</sup>	Under \$25,000 <sup>(3)</sup>
United States.....	236,784	26,367	200,417	1,072,655	509,474	264,181	1,482,771	1,144,842	258,929
<b>Builders</b> .....	3,300	1,173	2,127	20,268	16,230	4,038	25,798	21,868	3,930
General contractors.....	34,111	13,806	22,593	600,974	548,127	52,847	770,766	722,622	48,143
Building contractors.....	31,336	10,186	21,150	304,274	250,746	47,528	399,151	345,446	43,705
Highway contractors.....	3,361	2,331	1,030	161,317	157,403	3,914	171,946	168,733	3,213
Heavy contractors.....	1,414	1,091	323	135,383	123,978	1,405	209,669	208,444	1,225
Special trade contractors.....	187,373	11,586	175,787	453,413	245,117	207,296	607,307	400,371	206,936
Air conditioning <sup>3</sup> .....	671	187	484	6,754	5,691	1,063	10,715	9,534	1,181
Carpentering.....	32,718	479	32,239	31,282	5,854	25,428	32,872	9,315	23,557
Concreting.....	4,944	366	4,579	18,106	8,809	9,297	19,467	12,247	7,220
Electrical (other than power lines).....	16,121	1,213	14,908	42,390	25,198	17,192	68,749	49,826	18,921
Elevator (installation and repair).....	289	53	236	7,016	5,320	696	15,135	14,211	927
Excavating and foundation.....	446	69	377	2,826	1,682	1,134	2,932	2,642	290
Excavating and grading.....	1,992	182	1,810	7,943	3,457	4,486	8,017	4,075	3,942
Flooring (wood only).....	1,197	92	1,105	3,050	1,388	1,662	4,094	2,267	1,797
Flooring (wood and other).....	402	105	297	3,280	2,652	628	4,811	4,180	631
Flooring (surfacing and resurfacing).....	706	8	698	828	146	682	853	238	615
Heating and plumbing group.....	38,128	3,897	34,241	108,173	62,604	45,569	146,622	101,189	45,433
Heating and piping.....	2,265	324	1,941	14,251	9,882	4,369	21,796	17,306	4,488
Heating and piping, with sheet metal.....	1,713	260	1,453	6,821	4,375	2,446	10,269	7,744	2,515
Heating, piping, and plumbing.....	13,761	1,976	11,785	47,381	29,118	18,263	64,008	45,514	18,494
Heating, piping, plumbing, with sheet metal.....	2,283	471	1,812	11,954	8,950	3,004	17,044	14,034	3,020
Plumbing.....	17,281	825	16,456	26,412	9,830	16,582	32,070	15,989	16,111
Plumbing, with sheet metal.....	835	41	794	1,354	449	905	1,445	640	805
Insulation.....	508	106	402	6,970	5,673	1,297	10,025	8,707	1,318
Lathing.....	608	49	559	3,253	1,838	1,415	5,276	3,831	1,445
Plastering and lathing.....	811	264	547	7,754	6,164	1,590	11,688	9,940	1,746
Plastering.....	6,045	411	5,634	17,413	8,500	8,913	21,625	12,831	8,794
Ornamental iron.....	607	85	522	2,622	1,839	783	3,926	3,051	875
Painting.....	11,023	213	10,810	13,733	4,116	9,617	16,916	6,729	10,187
Painting, paperhanging, and decorating.....	44,253	804	43,449	52,077	15,119	36,958	65,585	26,142	39,444
Roofing and sheet metal group.....	12,354	1,416	10,938	44,632	27,320	17,311	56,474	39,572	16,902
Roofing.....	4,986	634	4,352	18,951	11,842	7,109	23,290	16,861	6,429
Roofing and sheet metal.....	3,210	533	2,683	16,908	11,802	5,104	21,424	16,697	4,727
Sheet metal.....	4,152	249	3,903	8,774	3,676	5,098	11,750	6,314	5,436
Masonry.....	7,712	648	7,064	30,273	17,821	12,452	36,785	25,199	11,586
Tile and marbel.....	2,134	400	1,734	11,362	8,326	3,036	16,174	12,799	3,375
Steel erection and repair.....	379	112	266	10,404	9,298	1,106	18,501	17,211	1,290
Weather stripping.....	402	21	381	1,793	1,283	510	2,833	2,225	608
Glass and glazing.....	978	95	882	3,142	2,171	971	5,134	4,056	1,078
House moving.....	708	33	675	1,912	484	1,428	1,649	537	1,012
Other.....	1,227	287	940	13,426	11,354	2,072	20,367	18,345	2,022

<sup>1</sup> Cost at site.<sup>2</sup> Value of work performed by establishment reporting.<sup>3</sup> Air conditioning with or without heating, plumbing, or sheet metal.<sup>4</sup> Employees and pay roll include data for paid executives of corporations but not proprietors of unincorporated businesses.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. IV, Construction.

## No. 885.—CONSTRUCTION—SUMMARY, BY STATES: 1939

[Geographic distribution based on office address of reporting establishment, not location of construction project  
(See headnote, table 884)]

DIVISION AND STATE	Number of establishments	Value of work performed (thousands of dollars)	Active proprietors and firm members	Employees (average for year) <sup>1</sup>	Total pay roll (thousands of dollars) <sup>1</sup>	Materials used and equipment installed (thousands of dollars) <sup>1</sup>
<b>United States</b>	<b>214, 899</b>	<b>4, 512, 794</b>	<b>286, 734</b>	<b>1, 072, 688</b>	<b>1, 462, 771</b>	<b>2, 946, 613</b>
<b>New England</b>	<b>18, 916</b>	<b>322, 471</b>	<b>18, 118</b>	<b>78, 089</b>	<b>104, 787</b>	<b>138, 669</b>
Maine	1, 008	16, 361	1, 736	4, 637	5, 161	6, 573
New Hampshire	902	11, 436	1, 080	3, 430	3, 644	4, 801
Vermont	746	6, 976	772	2, 104	2, 091	2, 940
Massachusetts	8, 569	167, 691	8, 830	36, 333	57, 111	72, 362
Rhode Island	1, 565	26, 811	1, 001	6, 472	5, 581	11, 022
Connecticut	5, 402	94, 206	5, 448	20, 064	30, 199	60, 441
<b>Middle Atlantic</b>	<b>59, 979</b>	<b>1, 196, 988</b>	<b>51, 749</b>	<b>249, 646</b>	<b>393, 141</b>	<b>534, 128</b>
New York	24, 632	675, 167	24, 206	137, 379	328, 003	289, 324
New Jersey	9, 128	153, 273	8, 901	32, 708	47, 814	67, 880
Pennsylvania	17, 219	362, 531	18, 532	79, 700	107, 322	177, 904
<b>East North Central</b>	<b>47, 262</b>	<b>944, 862</b>	<b>42, 708</b>	<b>204, 897</b>	<b>302, 800</b>	<b>421, 194</b>
Ohio	12, 407	246, 358	13, 150	49, 963	74, 847	112, 137
Indiana	6, 172	93, 714	6, 003	22, 646	36, 718	42, 842
Illinois	12, 855	322, 308	12, 498	69, 706	113, 549	134, 485
Michigan	8, 822	179, 227	9, 218	37, 620	53, 008	67, 947
Wisconsin	7, 007	105, 248	7, 226	23, 933	32, 177	47, 713
<b>West North Central</b>	<b>21, 892</b>	<b>416, 063</b>	<b>26, 874</b>	<b>162, 286</b>	<b>118, 791</b>	<b>196, 822</b>
Minnesota	6, 006	120, 267	6, 766	28, 381	32, 780	52, 663
Iowa	5, 063	79, 765	5, 565	19, 435	21, 703	37, 708
Missouri	6, 527	124, 450	6, 642	31, 468	38, 843	64, 977
North Dakota	557	9, 506	612	2, 434	2, 833	4, 066
South Dakota	708	10, 206	759	2, 612	2, 641	4, 008
Nebraska	2, 167	37, 808	2, 368	8, 908	9, 614	17, 208
Kansas	2, 964	36, 271	3, 144	10, 065	9, 636	16, 637
<b>South Atlantic</b>	<b>17, 634</b>	<b>497, 682</b>	<b>16, 622</b>	<b>121, 486</b>	<b>149, 669</b>	<b>241, 949</b>
Delaware	813	14, 436	795	4, 109	4, 780	6, 549
Maryland	3, 302	77, 580	3, 357	21, 427	25, 265	36, 207
District of Columbia	1, 147	54, 929	1, 073	13, 933	19, 603	26, 306
Virginia	3, 142	75, 738	3, 201	22, 063	21, 732	38, 344
West Virginia	1, 436	26, 420	1, 506	7, 701	7, 693	10, 194
North Carolina	2, 410	82, 820	2, 572	27, 080	23, 204	41, 301
South Carolina	843	27, 874	884	9, 042	7, 919	14, 120
Georgia	1, 936	66, 456	1, 906	22, 451	18, 080	24, 068
Florida	2, 605	71, 431	2, 579	21, 850	20, 458	32, 889
<b>East South Central</b>	<b>7, 494</b>	<b>161, 708</b>	<b>6, 826</b>	<b>52, 626</b>	<b>45, 663</b>	<b>75, 714</b>
Kentucky	2, 767	48, 167	2, 903	12, 261	13, 318	22, 010
Tennessee	2, 382	60, 424	2, 522	19, 862	17, 275	28, 179
Alabama	1, 233	36, 080	1, 322	12, 047	9, 968	19, 291
Mississippi	1, 112	17, 029	1, 188	6, 426	4, 432	8, 234
<b>West South Central</b>	<b>12, 634</b>	<b>201, 868</b>	<b>12, 893</b>	<b>67, 266</b>	<b>62, 326</b>	<b>144, 786</b>
Arkansas	1, 121	14, 274	1, 240	5, 141	3, 062	6, 109
Louisiana	1, 641	65, 218	1, 657	16, 129	16, 008	23, 863
Oklahoma	2, 106	47, 497	2, 217	12, 820	12, 203	23, 294
Texas	8, 166	169, 999	8, 779	53, 190	49, 747	89, 641
<b>Mountain</b>	<b>6, 761</b>	<b>137, 424</b>	<b>7, 512</b>	<b>22, 477</b>	<b>39, 626</b>	<b>67, 662</b>
Montana	769	16, 721	850	4, 123	5, 044	7, 225
Idaho	708	12, 715	821	3, 077	4, 093	4, 982
Wyoming	556	9, 104	624	2, 266	2, 565	3, 573
Colorado	2, 028	40, 165	2, 199	9, 668	11, 086	17, 122
New Mexico	803	11, 203	850	3, 039	2, 194	6, 179
Arizona	865	15, 296	936	3, 781	4, 809	6, 860
Utah	1, 104	24, 308	1, 267	5, 270	6, 726	10, 664
Nevada	218	6, 632	245	1, 294	1, 844	2, 876
<b>Pacific</b>	<b>29, 690</b>	<b>639, 426</b>	<b>22, 664</b>	<b>116, 482</b>	<b>166, 687</b>	<b>281, 786</b>
Washington	3, 478	82, 640	3, 742	17, 113	27, 282	30, 066
Oregon	2, 026	38, 572	2, 196	9, 428	11, 751	16, 921
California	23, 579	417, 213	26, 945	69, 701	127, 624	184, 789

<sup>1</sup> Employees and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses. <sup>2</sup> Cost at site.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. IV, Construction.

**No. 896.—CONSTRUCTION—VALUE OF WORK PERFORMED ON PROJECTS WITHIN EACH STATE, BY RESIDENT AND NONRESIDENT ESTABLISHMENTS: 1939**

[Value of work performed in thousands of dollars. All figures in this table are based on location of construction project and differ therefore from figures in tables 893, 895 and 898, in which geographic distribution is based on office address of reporting establishment]

DIVISION AND STATE	ALL CONTRACTORS					
	Total		Resident		Nonresident	
	Number of establishments	Value of work performed <sup>1</sup>	Number of establishments	Value of work performed	Number of establishments	Value of work performed
<b>New England:</b>						
Maine.....	1,877	21,882	1,694	15,851	183	6,031
New Hampshire.....	1,332	17,282	989	10,441	343	6,841
Vermont.....	923	10,615	739	6,624	184	3,991
Massachusetts.....	8,812	146,245	8,483	182,054	329	14,191
Rhode Island.....	1,847	30,090	1,557	22,844	290	7,246
Connecticut.....	6,036	99,182	5,397	83,610	639	15,572
<b>Middle Atlantic:</b>						
New York.....	25,155	665,932	24,561	608,657	594	57,275
New Jersey.....	9,880	164,399	9,099	128,337	781	36,062
Pennsylvania.....	17,814	314,934	17,182	271,758	632	43,176
<b>East North Central:</b>						
Ohio.....	12,815	227,447	12,371	209,807	444	17,640
Indiana.....	6,746	116,625	6,158	85,075	588	31,550
Illinois.....	13,395	288,496	12,801	258,942	594	29,554
Michigan.....	9,180	179,995	8,815	163,065	365	16,930
Wisconsin.....	7,375	112,140	6,993	100,207	382	11,933
<b>West North Central:</b>						
Minnesota.....	6,179	98,102	5,971	92,536	208	5,566
Iowa.....	5,428	78,185	5,039	65,192	389	12,993
Missouri.....	6,764	97,322	6,480	84,176	284	13,146
North Dakota.....	666	10,832	552	7,650	114	3,182
South Dakota.....	818	10,213	703	8,262	115	1,951
Nebraska.....	2,291	40,346	2,157	31,092	134	9,254
Kansas.....	3,271	43,605	2,847	29,866	424	13,739
<b>South Atlantic:</b>						
Delaware.....	1,057	17,629	808	13,104	249	4,525
Maryland.....	3,974	79,304	3,278	59,970	696	19,334
District of Columbia.....	1,420	60,787	1,113	40,412	307	20,375
Virginia.....	3,736	91,321	3,131	64,173	605	27,148
West Virginia.....	1,731	34,778	1,421	24,138	310	10,640
North Carolina.....	2,610	76,164	2,406	63,357	204	12,807
South Carolina.....	1,059	35,149	840	21,939	219	13,210
Georgia.....	2,135	58,717	1,924	46,979	211	11,738
Florida.....	2,782	72,657	2,602	63,512	180	9,145
<b>East South Central:</b>						
Kentucky.....	3,080	55,988	2,749	42,420	331	13,568
Tennessee.....	2,571	52,628	2,358	42,927	213	9,701
Alabama.....	1,409	48,501	1,224	29,973	185	18,528
Mississippi.....	1,315	40,941	1,109	15,478	206	25,463
<b>West South Central:</b>						
Arkansas.....	1,334	24,545	1,117	12,965	217	11,580
Louisiana.....	1,858	71,164	1,635	48,924	223	22,240
Oklahoma.....	2,242	37,805	2,091	30,632	151	6,673
Texas.....	8,380	199,540	8,144	170,139	236	29,402
<b>Mountain:</b>						
Montana.....	897	22,703	766	15,903	131	6,800
Idaho.....	873	13,739	704	8,536	169	5,203
Wyoming.....	658	14,439	556	8,121	102	6,318
Colorado.....	2,112	40,399	2,026	34,788	86	5,611
New Mexico.....	606	15,031	501	10,810	105	4,221
Arizona.....	945	18,286	864	14,395	81	3,891
Utah.....	1,148	18,665	1,095	16,308	53	2,357
Nevada.....	326	9,669	218	6,339	108	3,330
<b>Pacific:</b>						
Washington.....	3,637	90,678	3,464	78,336	173	12,342
Oregon.....	2,133	37,061	2,029	32,553	104	4,508
California.....	23,670	408,137	23,566	397,949	104	10,188

<sup>1</sup> Total value of work performed by each class of contractor is as follows: All contractors, \$4,519,794,000; building \$1,282,951,000; highway, \$590,571,000; heavy, \$638,366,000; special trade, \$2,007,906,000.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. IV, Construction.

**No. 897.—CONSTRUCTION—VALUE OF WORK PERFORMED, BY TYPE OF CONSTRUCTION, BY KIND OF CONTRACTOR: 1939**

(All value figures in thousands of dollars. See headnote, table 894)

KIND OF CONTRACTOR	Number of establishments	Value of all work performed <sup>1</sup>	WORK PERFORMED ON BUILDINGS				WORK PERFORMED OTHER THAN ON BUILDINGS	
			Total		New and additions, value	Repairs and alterations, value	Value	Per-cent of all work performed
			Value <sup>2</sup>	Per-cent of all work performed				
<b>United States</b> .....	<b>215,050</b>	<b>4,513,794</b>	<b>3,156,761</b>	<b>69.9</b>	<b>2,224,930</b>	<b>915,582</b>	<b>1,312,671</b>	<b>29.0</b>
<b>Builders</b> .....	<b>3,705</b>	<b>108,258</b>	<b>108,090</b>	<b>99.8</b>	<b>105,617</b>	<b>2,473</b>	<b>158</b>	<b>.2</b>
<b>General contractors</b> .....	<b>35,158</b>	<b>2,403,630</b>	<b>1,181,425</b>	<b>49.2</b>	<b>1,014,736</b>	<b>164,341</b>	<b>1,221,126</b>	<b>50.8</b>
Building contractors.....	29,641	1,174,693	1,149,712	97.9	964,978	162,386	23,903	■
Highway contractors.....	3,627	590,571	8,502	1.4	7,770	732	582,069	98.6
Heavy contractors.....	1,890	638,366	23,211	3.6	21,968	1,223	615,165	96.4
<b>Special trade contractors</b> .....	<b>176,187</b>	<b>2,007,906</b>	<b>1,867,185</b>	<b>92.9</b>	<b>1,101,577</b>	<b>748,638</b>	<b>91,377</b>	<b>4.6</b>
Air conditioning <sup>3</sup> .....	798	40,396	39,722	98.4	31,503	7,626	301	.7
Carpentering.....	30,044	132,967	130,905	98.5	69,079	64,826	1,992	1.5
Concreting.....	4,404	57,030	47,503	83.3	38,658	8,748	9,343	16.4
Electrical (other than power lines).....	15,915	222,774	209,806	94.2	141,676	67,351	11,174	5.0
Elevator (installation and repair).....	409	45,083	45,014	■ <sup>4</sup>	21,698	23,067	69	.2
Excavating and foundation.....	405	8,007	7,037	87.9	6,213	824	818	11.5
Excavating and grading.....	1,852	22,536	9,972	44.2	9,684	888	12,055	63.5
Flooring (wood only).....	1,088	13,735	13,709	99.8	10,310	3,399	26	.2
Flooring (wood and other).....	448	17,634	17,609	99.8	12,824	4,075	27	.2
Flooring (surfacing and resurfacing).....	645	2,621	2,520	100.0	969	1,831	1	(*)
Heating and plumbing group.....	37,112	572,878	554,834	96.9	330,243	223,183	10,900	1.9
Heating and piping.....	2,882	75,550	72,396	95.8	41,306	30,532	2,262	3.0
Heating and piping, with sheet metal.....	1,572	36,297	34,634	95.5	24,574	10,032	920	2.5
Heating, piping, plumbing.....	13,166	261,075	244,513	97.4	151,133	93,073	3,081	1.2
Heating, piping, plumbing, with sheet metal.....	2,122	62,384	60,394	96.8	39,771	20,473	668	1.1
Plumbing.....	16,809	141,334	137,011	96.9	70,490	66,231	3,690	2.6
Plumbing with sheet metal.....	761	6,238	5,894	94.5	2,967	2,820	311	5.0
Insulation.....	708	26,509	26,328	99.3	12,825	11,270	121	.5
Lathing.....	522	9,417	9,401	99.9	8,429	972	16	.2
Plastering and lathing.....	720	24,762	24,735	99.9	21,778	2,957	27	.1
Plastering.....	5,347	55,756	55,638	99.8	43,581	11,979	118	.2
Ornamental iron.....	622	14,421	13,656	94.7	10,523	3,036	740	5.1
Painting.....	10,046	46,347	43,732	94.3	11,955	31,690	2,889	6.6
Painting, paperhanging, and decorating.....	39,973	180,917	179,310	99.1	46,870	172,156	1,263	.7
Roofing and sheet metal group.....	11,793	187,656	180,925	96.4	79,802	98,465	3,991	2.1
Roofing.....	4,578	78,716	78,183	99.3	21,869	54,000	319	.4
Roofing and sheet metal.....	3,046	68,725	65,760	95.7	36,746	27,611	892	1.3
Sheet metal.....	3,872	40,214	36,982	92.0	20,947	15,945	2,790	6.9
Masonry.....	7,039	97,339	94,368	96.9	76,717	17,506	2,784	2.9
Tile and mantel.....	4,149	48,944	47,960	98.0	40,627	6,823	548	1.1
Steel erection and repair.....	567	80,863	32,782	40.6	30,160	2,622	13,933	17.2
Weather stripping.....	419	7,214	7,205	99.9	2,048	1,550	9	.1
Glass and glazing.....	1,040	17,821	17,616	98.8	9,647	7,796	203	1.2
House moving.....	608	4,016	3,838	95.8	85	3,773	112	2.8
Other.....	1,467	70,072	50,742	72.4	40,273	9,955	18,117	25.9

<sup>1</sup> Includes value of work performed, amounting to \$50,422,000, not specified as on buildings or other than on buildings, not shown separately or elsewhere included.

<sup>2</sup> Includes value of work performed, amounting to \$16,269,000, not specified as new construction or repairs, not shown separately.

<sup>3</sup> Air conditioning with or without heating, piping, plumbing, or sheet metal.

<sup>4</sup> Less than one-tenth of 1 percent.

Source. Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. IV, Construction.

# No. 898.—CONSTRUCTION—SUMMARY FOR ESTABLISHMENTS REPORTING BUSINESS OF \$25,000 OR MORE, BY STATES 1929 AND 1939

[1929 and 1939 comparisons must be limited to establishments reporting business of \$25,000 or more as the 1929 census covered only that size group. That size group in 1939 accounted for 77 percent of total value of work performed by all contractors and builders regardless of size. Geographic distribution is based on office address of reporting establishment, not location of construction project.]

KIND OF CONTRACTORS, DIVISION, AND STATE	NUMBER OF ESTAB- LISHMENTS		WORK PERFORMED			PAY ROLL (1,000 DOLLARS) <sup>1</sup>		MATERIALS USED AND EQUIPMENT INSTALLED (1,000 DOLLARS)	
	1929	1939	Value (1,000 dollars)		Per- cent change	1929	1939	1929	1939
			1929	1939					
United States.....	30,597	30,913	4,794,771	4,479,671	-27.4	1,769,613	1,144,842	2,065,538	1,625,344
Builders and building contractors.....	10,881	12,170	1,547,726	1,082,548	-30.0	626,406	367,214	674,766	557,796
Highway and heavy contractors.....	4,635	4,244	1,429,144	1,214,451	-15.0	491,906	377,177	536,524	492,808
Special trade contractors	15,081	14,498	1,817,901	1,181,672	-35.0	651,307	400,371	844,308	574,640
New England.....	2,780	2,218	376,192	222,693	-40.8	162,738	79,849	144,376	99,813
Maine.....	142	118	11,593	8,448	-27.1	5,175	3,056	4,185	3,508
New Hampshire.....	113	87	9,135	6,232	-31.8	3,512	2,182	4,091	2,818
Vermont.....	61	53	5,612	3,488	-37.8	2,106	1,127	2,611	1,641
Massachusetts.....	1,434	1,181	229,778	122,118	-46.9	94,720	44,524	88,448	56,167
Rhode Island.....	226	199	25,290	17,934	-29.1	10,318	6,287	9,968	7,983
Connecticut.....	804	630	86,784	64,478	-27.4	36,907	22,693	35,083	26,499
Middle Atlantic.....	6,546	6,949	1,608,972	941,998	-41.5	625,410	332,648	656,861	436,164
New York.....	4,372	3,943	938,099	556,380	-40.7	387,289	209,206	363,751	242,863
New Jersey.....	1,483	950	235,061	106,386	-54.8	80,440	35,964	110,026	48,693
Pennsylvania.....	2,691	2,056	435,812	279,263	-35.9	187,681	86,798	186,078	144,718
East North Central.....	7,934	6,927	1,224,644	716,327	-41.5	451,229	241,566	542,728	349,909
Ohio.....	2,043	1,817	310,519	186,836	-39.2	109,901	60,801	144,722	95,771
Indiana.....	748	649	86,760	68,044	-21.6	30,878	22,072	40,614	32,971
Illinois.....	2,497	2,221	454,524	256,281	-43.6	181,376	94,161	186,280	110,227
Michigan.....	1,501	1,390	252,993	134,765	-46.7	88,122	42,277	115,431	69,932
Wisconsin.....	1,147	860	119,868	68,401	-42.9	40,962	22,696	65,691	32,079
West North Central.....	2,498	2,799	367,544	316,784	-13.8	125,037	94,945	160,143	169,217
Minnesota.....	581	640	86,111	92,446	4.9	31,082	27,507	34,269	44,174
Iowa.....	486	494	68,660	58,565	-14.7	21,685	16,522	30,042	29,792
Missouri.....	759	853	120,296	95,667	-20.6	44,908	31,439	52,422	43,562
North Dakota.....	81	68	7,428	7,381	-1.3	2,114	2,068	2,557	3,163
South Dakota.....	70	70	7,691	7,804	2.8	2,238	2,092	2,968	3,126
Nebraska.....	243	216	40,814	29,606	-26.8	12,323	7,951	18,631	14,067
Kansas.....	290	239	35,144	25,435	-27.6	10,742	7,876	17,274	12,832
South Atlantic.....	2,164	3,626	338,238	416,061	23.2	116,691	126,616	152,139	201,664
Delaware.....	91	184	14,789	10,468	-29.2	4,944	2,847	6,702	4,832
Maryland.....	407	677	82,080	60,803	-25.0	28,124	20,773	32,390	26,441
District of Columbia.....	253	437	39,846	49,430	24.1	16,327	17,847	15,601	23,289
Virginia.....	337	681	41,682	59,322	42.8	14,906	17,582	19,604	30,960
West Virginia.....	169	178	20,053	20,801	3.2	7,244	6,895	7,946	7,974
North Carolina.....	298	492	47,900	70,207	46.9	14,974	20,359	24,767	35,435
South Carolina.....	116	166	14,833	23,588	59.0	4,662	6,810	6,161	12,116
Georgia.....	230	395	46,490	58,317	25.4	14,086	16,128	23,694	30,457
Florida.....	288	616	26,715	57,446	87.0	11,310	16,874	12,485	29,180
East South Central.....	936	1,062	137,100	128,626	-6.2	44,563	37,269	62,126	61,658
Kentucky.....	380	341	34,321	36,229	5.6	11,821	10,626	18,872	17,945
Tennessee.....	314	363	58,065	49,669	-15.4	16,033	14,773	23,706	20,719
Alabama.....	197	240	38,841	29,970	-22.6	13,224	8,556	19,890	16,467
Mississippi.....	96	108	10,873	12,768	17.3	3,485	3,414	5,177	6,527
West South Central.....	1,609	1,860	256,869	246,343	-4.1	82,599	68,278	118,364	119,791
Arkansas.....	118	86	14,657	10,095	-30.7	4,433	2,794	7,156	4,538
Louisiana.....	178	248	28,699	46,843	63.8	9,334	13,337	11,738	21,969
Oklahoma.....	312	272	49,212	38,974	-20.8	15,630	11,489	22,225	19,765
Texas.....	1,001	1,244	164,482	150,431	-8.5	53,902	41,099	77,260	72,499
Mountain.....	789	934	74,202	104,864	48.7	24,673	32,127	28,218	43,754
Montana.....	119	138	10,208	12,926	26.6	3,268	4,121	4,561	5,673
Idaho.....	44	71	6,268	9,976	59.2	2,406	3,899	1,168	2,298
Wyoming.....	40	67	2,765	6,424	(?)	949	1,909	984	2,548
Colorado.....	211	227	23,040	30,370	31.8	7,513	9,368	10,009	12,062
New Mexico.....	41	63	5,744	8,763	52.0	1,649	2,616	2,090	3,934
Arizona.....	102	131	9,312	11,278	21.1	2,963	3,590	4,404	4,839
Utah.....	129	166	12,899	19,235	49.1	4,763	5,643	4,717	8,333
Nevada.....	20	62	2,956	6,410	(?)	879	1,511	790	2,065
Pacific.....	3,409	4,466	417,009	392,485	-5.9	136,871	131,286	197,653	169,543
Washington.....	404	429	65,263	66,994	21.2	19,353	23,178	25,616	22,990
Oregon.....	249	287	26,816	26,479	8.2	9,377	9,881	10,916	12,531
California.....	2,756	3,750	325,931	299,012	-11.5	108,141	98,496	151,123	133,973

<sup>1</sup> See note 1, table 895.

<sup>2</sup> Not comparable due to undercoverage in 1929.

<sup>3</sup> Revised. Revision not carried to totals.

Source: Dept. of Commerce, Bur. of the Census; Census of Business, 1939, Vol. IV, Construction.



**No. 899.—PUBLIC HOUSING—NUMBER OF DWELLING UNITS COMPLETED FOR OCCUPANCY: 1935 TO 1947**

[Covers programs administered by Housing and Home Finance Agency or Public Housing Administration]

YEAR	All public housing	LOW-RENT HOUSING			WAR HOUSING			Veterans' reuse housing
		Total	U. S. Housing Act	All other <sup>1</sup>	Total	Built for war use	Low-rent housing in war use <sup>2</sup>	
<b>Total.....</b>	<b>1,213,949</b>	<b>124,884</b>	<b>187,823</b>	<b>27,021</b>	<b>848,388</b>	<b>784,817</b>	<b>64,541</b>	<b>1,232,737</b>
1935.....	1,171	1,171	.....	1,171	.....	.....	.....	.....
1936.....	1,000	1,000	.....	1,000	.....	.....	.....	.....
1937.....	8,258	8,258	.....	8,258	.....	.....	.....	.....
1938.....	16,586	16,586	.....	16,586	.....	.....	.....	.....
1939.....	5,588	5,588	5,588	.....	.....	.....	.....	.....
1940.....	34,423	33,798	33,798	.....	625	.....	625	.....
1941.....	135,326	55,453	55,453	.....	79,871	73,473	6,398	.....
1942.....	168,568	10,591	10,591	.....	158,974	151,390	24,584	.....
1943.....	405,844	102	102	.....	405,742	382,047	23,695	.....
1944.....	162,464	.....	.....	.....	162,464	159,486	2,978	.....
1945.....	39,001	.....	.....	.....	37,696	35,434	2,261	1,908
1946.....	131,651	1,833	1,833	.....	2,967	2,967	.....	129,831
1947.....	105,486	466	466	.....	.....	.....	.....	105,000

<sup>1</sup> Includes PWA low-rent, Subsistence Homestead and Greenbelt projects.

<sup>2</sup> Units financed under U. S. Housing Act and its amendment.

<sup>3</sup> Includes 81,052 units financed by local bodies.

Source: Housing and Home Finance Agency, Public Housing Administration.

**No. 900.—NUMBER OF DWELLING UNITS OWNED OR SUPERVISED BY THE PUBLIC HOUSING ADMINISTRATION, BY PROGRAM, AS OF DEC. 31, 1947**

[Excludes units which have been sold to mutual housing associations, limited dividend corporations (PWA) and homestead associations on which PHA holds mortgages for collection]

PROGRAM	TOTAL		Federally owned	Locally owned
	Number	Net change since December 31, 1946		
<b>Active.....</b>	<b>854,313</b>	<b>-30,065</b>	<b>443,680</b>	<b>410,633</b>
Veterans' reuse.....	261,573	+4,470	1,003	1,289,970
Under management.....	232,086	+103,349	1,003	230,493
Under construction.....	21,550	-93,015	.....	21,550
Not under construction <sup>1</sup> .....	7,928	-8,864	.....	7,928
Public War Housing (Lanham Constructed).....	361,802	-21,534	361,802	.....
Homes Conversion.....	24,243	-9,404	34,343	.....
Defense Homes Corporation.....	2,001	-5,904	2,001	.....
U. S. Housing Act.....	192,012	-4,269	41,349	150,663
Under management.....	169,733	+325	41,349	148,384
Under construction.....	146	-320	.....	146
Not under construction.....	2,133	-4,273	.....	1,213
PL-412.....	119,101	-3,830	11,855	107,246
PL-671.....	51,288	-450	7,871	43,417
PWA.....	21,623	+12	21,623	.....
Subsistence Homestead and Greenbelt Towns.....	2,862	-365	2,062	.....
<b>Inactive:</b>				
Public War Housing (Lanham Constructed).....	28,475	-2,365	28,475	.....
<b>Deferred—U. S. Housing Act.....</b>	<b>23,180</b>	<b>+4,298</b>	<b>23,180</b>	<b>.....</b>

<sup>1</sup> Considered as disposed of to local public bodies or educational institutions even though improvements provided by PHA may not be wholly complete or title to them formally transferred.

<sup>2</sup> Includes accommodations allocated but with no local contract.

<sup>3</sup> Includes 1,423 rural units not yet built which are parts of active rural projects.

Source: Housing and Home Finance Agency, Public Housing Administration; Annual Report.

No. 901 —ACTIVE PUBLIC HOUSING OWNED OR SUPERVISED BY THE PUBLIC HOUSING ADMINISTRATION—NUMBER OF PROJECTS AND DWELLING UNITS, BY STATE OR OTHER AREA, AS OF DEC. 31, 1947

[See headnote, table 900]

STATE OR OTHER AREA	TOTAL PROGRAM		VETERANS REUSE HOUSING		WAR HOUSING <sup>1</sup>		LOW RENT HOUSING <sup>2</sup>	
	Number of projects	Number of units	Number of projects	Number of units	Number of projects	Number of units	Number of projects	Number of units
Total.....	4,705	854,313	2,607	261,573	1,449	398,046	649	194,694
Alabama.....	98	19,964	38	5,043	40	9,476	20	5,445
Arizona.....	92	8,093	31	2,028	54	5,171	7	894
Arkansas.....	59	6,817	45	4,528	6	1,358	8	931
California.....	615	128,614	271	23,256	305	95,964	39	9,394
Colorado.....	43	5,061	28	3,199	10	1,092	5	770
Connecticut.....	96	21,254	24	2,975	55	12,047	17	6,232
Delaware.....	15	2,773	6	378	7	2,015	2	380
District of Columbia.....	47	13,573	9	2,223	28	8,203	10	3,147
Florida.....	91	18,452	28	5,166	31	5,952	32	7,324
Georgia.....	109	22,671	42	3,949	26	7,360	41	11,362
Idaho.....	43	3,640	33	2,691	8	865	2	84
Illinois.....	138	26,374	84	9,955	20	3,772	34	12,647
Indiana.....	111	17,107	72	8,654	24	5,196	15	3,257
Iowa.....	91	8,541	86	7,459	5	1,082		
Kansas.....	61	12,397	41	3,700	20	8,697		
Kentucky.....	93	8,611	73	3,274	4	984	16	4,353
Louisiana.....	56	14,343	33	6,133	10	2,406	13	5,804
Maine.....	19	3,616	5	1,315	14	2,301		
Maryland.....	60	20,567	10	1,318	36	13,061	14	6,188
Massachusetts.....	83	18,817	53	7,908	13	3,096	17	7,913
Michigan.....	179	34,653	86	6,859	84	22,615	9	5,179
Minnesota.....	72	4,497	69	3,910	2	113	1	464
Mississippi.....	103	10,943	66	5,002	15	3,775	22	2,166
Missouri.....	63	7,608	58	5,231	3	1,062	2	1,315
Montana.....	32	2,993	23	2,119	5	341	4	533
Nebraska.....	66	5,969	53	2,038	10	2,873	3	1,078
Nevada.....	36	2,355	14	510	22	1,845		
New Hampshire.....	9	2,119	5	636	4	1,483		
New Jersey.....	132	20,843	79	6,068	19	5,651	34	9,104
New Mexico.....	35	3,108	25	2,333	10	775		
New York.....	158	57,216	112	30,876	26	8,862	20	17,478
North Carolina.....	82	12,119	46	3,943	21	5,207	15	2,969
North Dakota.....	40	1,253	40	1,253				
Ohio.....	261	46,453	157	12,805	65	17,460	29	16,188
Oklahoma.....	72	8,788	65	5,991	5	2,363	2	434
Oregon.....	99	22,116	39	4,189	57	17,327	3	600
Pennsylvania.....	174	44,101	53	7,402	75	23,413	46	13,266
Rhode Island.....	14	3,604	7	876	2	800	5	1,928
South Carolina.....	59	7,677	29	2,320	15	2,810	15	2,547
South Dakota.....	38	1,749	36	1,591	2	158		
Tennessee.....	83	14,028	51	4,790	10	2,260	22	6,978
Texas.....	284	47,214	164	16,209	75	20,524	45	10,481
Utah.....	60	10,991	37	5,248	23	5,743		
Vermont.....	16	1,082	12	703	4	379		
Virginia.....	97	32,457	31	4,286	51	25,166	15	3,005
Washington.....	158	39,984	55	6,680	94	29,696	9	3,608
West Virginia.....	61	4,470	45	1,910	8	1,001	13	1,559
Wisconsin.....	107	9,307	94	6,075	9	1,696	4	1,536
Wyoming.....	36	2,668	28	1,723	8	945		
Alaska.....	18	595	6	238	12	357		
Hawaii.....	13	4,164	9	2,555	2	1,248	2	361
Puerto Rico.....	27	5,768	1	132			26	5,636
Virgin Islands.....	1	126					1	126

<sup>1</sup> Includes Public War Housing (Lanham Constructed), Defense Homes Corporation and Homes Conversion programs.

<sup>2</sup> Includes U. S. Housing Act and Subsistence Homestead—Greenbelt Towns programs.

Source: Housing and Home Finance Agency, Public Housing Administration; Annual Report.

No. 902.—DWELLING UNITS, URBAN AND RURAL—OCCUPANCY, TENURE AND COLOR OF OCCUPANTS: 1940

OCCUPANCY, AND TENURE AND COLOR OF OCCUPANTS	NUMBER				PERCENT DISTRIBUTION			
	Total	Urban	Rural- non- farm	Rural- farm	Total	Urban	Rural- non- farm	Rural- farm
<b>OCCUPANCY</b>								
All dwelling units.....	37, 325, 470	21, 616, 352	8, 066, 837	7, 642, 281	100. 0	57. 9	21. 6	20. 5
Occupied.....	34, 854, 532	20, 596, 500	7, 151, 473	7, 106, 559	100. 0	59. 1	20. 5	20. 4
Vacant, for sale or rent.....	1, 864, 383	918, 297	510, 676	435, 410	100. 0	49. 3	27. 4	23. 4
Ordinary.....	1, 475, 374	828, 243	275, 940	373, 191	100. 0	56. 0	18. 7	25. 3
Seasonal.....	341, 831	65, 074	224, 670	52, 087	100. 0	19. 0	65. 7	15. 2
Not reporting.....	47, 178	26, 980	10, 066	10, 132	100. 0	57. 2	21. 3	21. 5
Vacant, not for sale or rent.....	606, 555	101, 555	404, 688	100, 312	100. 0	16. 7	66. 7	16. 5
Held for absent household.....	500, 913	69, 599	346, 556	84, 758	100. 0	13. 9	66. 2	16. 9
Ordinary.....	164, 516	45, 203	67, 044	52, 269	100. 0	27. 5	40. 8	31. 8
Seasonal.....	336, 397	24, 396	279, 512	32, 489	100. 0	7. 3	83. 1	9. 7
Occupied by nonresident household.....	105, 642	31, 956	58, 132	15, 554	100. 0	30. 2	55. 0	14. 7
Ordinary.....	44, 276	21, 967	13, 474	8, 835	100. 0	49. 6	30. 4	20. 0
Seasonal.....	61, 366	9, 989	44, 658	6, 719	100. 0	16. 3	72. 8	10. 9
<b>TENURE AND COLOR</b>								
Occupied dwelling units.....	34, 854, 532	20, 596, 500	7, 151, 473	7, 106, 559	100. 0	59. 1	20. 5	20. 4
Owner.....	15, 195, 763	7, 714, 960	3, 648, 076	3, 782, 727	100. 0	50. 8	24. 3	24. 9
Tenant.....	19, 658, 769	12, 881, 540	3, 453, 397	3, 323, 832	100. 0	65. 5	17. 6	16. 9
Occupied by white household.....	31, 561, 126	18, 868, 480	6, 590, 687	6, 101, 959	100. 0	59. 8	20. 9	19. 3
Owner.....	14, 418, 092	7, 372, 835	3, 494, 220	3, 551, 037	100. 0	51. 1	24. 2	24. 6
Tenant.....	17, 143, 034	11, 495, 645	3, 096, 467	2, 550, 922	100. 0	67. 1	18. 1	14. 9
Occupied by nonwhite household.....	3, 293, 406	1, 728, 020	560, 786	1, 004, 600	100. 0	52. 5	17. 0	30. 5
Owner.....	777, 671	342, 125	203, 856	231, 690	100. 0	44. 0	26. 2	29. 8
Tenant.....	2, 515, 735	1, 385, 895	356, 930	772, 910	100. 0	55. 1	14. 2	30. 7

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 903.—OCCUPIED DWELLING UNITS OR FAMILIES—TENURE: 1890 TO 1940

[1940 figures based on occupied dwelling units; not strictly comparable with data for private families, but differences are negligible. Figures for 1900 and 1930 represent private families only; those for 1890, 1910, and 1920 include small number of quasi-family groups. For 1947 data, see table 912]

AREA AND YEAR	Occupied dwelling units or families	Reporting tenure	OWNER		TENANT	
			Number	Percent	Number	Percent
United States:						
1890 <sup>1</sup> .....	12, 690, 152	12, 690, 152	6, 066, 417	47. 8	6, 623, 735	52. 2
1900.....	15, 963, 965	15, 428, 987	7, 205, 212	46. 7	8, 223, 775	53. 3
1910.....	20, 255, 555	19, 781, 606	9, 083, 711	45. 9	10, 697, 895	54. 1
1920.....	24, 351, 676	23, 810, 558	10, 866, 960	45. 6	12, 943, 598	54. 4
1930.....	29, 904 663	29, 321, 891	14, 002, 074	47. 8	15, 319, 817	52. 2
1940 <sup>1</sup> .....	34, 854, 532	34, 854, 532	15, 195, 763	43. 6	19, 658, 769	56. 4
Urban:						
1930.....	17, 372, 524	17, 113, 913	7, 432, 554	43. 4	9, 681, 359	56. 6
1940.....	20, 596, 500	20, 596, 500	7, 714, 960	37. 5	12, 881, 540	62. 5
Rural-nonfarm:						
1930.....	5, 927, 502	5, 803, 159	3, 117, 418	53. 7	2, 685, 741	46. 3
1940.....	7, 151, 473	7, 151, 473	3, 658, 076	51. 7	3, 453, 397	48. 3
Rural-farm:						
1930.....	6, 604, 637	6, 404, 819	3, 452, 102	53. 9	2, 952, 717	46. 1
1940.....	7, 106, 559	7, 106, 559	3, 782, 727	53. 2	3, 323, 832	46. 8

<sup>1</sup> Includes estimated data for those of unknown tenure.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 904.—DWELLING UNITS, URBAN AND RURAL—TOTAL AND OCCUPIED, BY STATES:  
1940

DIVISION AND STATE	ALL DWELLING UNITS				OCCUPIED DWELLING UNITS			
	Total	Urban	Rural-nonfarm	Rural-farm	Total	Urban	Rural-nonfarm	Rural-farm
<b>United States</b> .....	<b>37,325,470</b>	<b>21,616,353</b>	<b>8,066,837</b>	<b>7,642,281</b>	<b>34,854,532</b>	<b>20,596,500</b>	<b>7,151,472</b>	<b>7,106,560</b>
<b>New England</b> .....	<b>2,438,329</b>	<b>1,763,742</b>	<b>626,411</b>	<b>148,176</b>	<b>2,201,421</b>	<b>1,674,289</b>	<b>395,606</b>	<b>121,526</b>
Maine.....	260,669	94,787	120,424	45,448	218,968	88,406	90,186	40,376
New Hampshire.....	158,044	79,549	59,290	19,235	132,936	75,355	41,550	16,031
Vermont.....	108,382	33,746	44,036	28,590	92,435	32,405	35,164	24,806
Massachusetts.....	1,221,252	1,069,441	135,579	26,232	1,120,694	1,002,433	94,541	23,720
Rhode Island.....	209,469	181,143	19,407	2,919	187,706	171,236		2,610
Connecticut.....	488,543	314,076	147,705	26,762	448,682	304,364	120,206	24,113
<b>Middle Atlantic</b> .....	<b>7,874,403</b>	<b>5,004,483</b>	<b>1,407,247</b>	<b>461,673</b>	<b>7,277,897</b>	<b>5,668,299</b>	<b>1,186,295</b>	<b>423,303</b>
New York.....	4,032,460	3,279,539	547,515	205,406	3,662,113	3,053,529	423,279	185,305
New Jersey.....	1,223,887	961,347	226,514	35,026	1,100,200	899,637	167,675	32,948
Pennsylvania.....	2,618,056	1,764,597	633,218	220,241	2,315,524	1,711,133	595,341	209,050
<b>East North Central</b> .....	<b>7,681,668</b>	<b>5,010,041</b>	<b>1,455,338</b>	<b>1,216,189</b>	<b>7,275,239</b>	<b>4,853,432</b>	<b>1,269,930</b>	<b>1,151,837</b>
Ohio.....	1,977,693	1,331,713	365,025	280,955	1,897,796	1,291,246	338,164	268,384
Indiana.....	1,006,952	555,147	228,338	222,467	961,498	541,073	208,010	212,415
Illinois.....	2,280,829	1,687,563	333,505	259,758	2,192,724	1,633,017	310,446	249,261
Michigan.....	1,519,378	958,532	322,921	237,925	1,396,014	924,913	252,211	218,890
Wisconsin.....	897,719	477,066	205,549	215,064	827,207	463,231	161,089	202,887
<b>West North Central</b> .....	<b>3,915,903</b>	<b>1,793,744</b>	<b>680,659</b>	<b>1,241,500</b>	<b>3,688,149</b>	<b>1,717,276</b>	<b>615,294</b>	<b>1,155,579</b>
Minnesota.....	773,042	394,093	159,799	218,580	728,369	363,336	135,699	209,334
Iowa.....	726,654	320,899	168,924	236,741	701,824	312,393	161,077	228,354
Missouri.....	1,140,493	609,286	219,368	311,841	1,068,642	573,347	204,507	290,788
North Dakota.....	162,861	35,118	49,003	78,700	152,043	34,099	47,624	70,950
South Dakota.....	179,744	45,281	53,067	81,376	165,428	43,568	49,548	72,322
Nebraska.....	387,368	153,358	94,515	129,495	360,744	146,269	89,390	125,085
Kansas.....	545,721	235,019	135,935	174,767	511,109	224,314	125,059	158,736
<b>South Atlantic</b> .....	<b>4,547,316</b>	<b>1,923,265</b>	<b>1,266,878</b>	<b>1,357,173</b>	<b>4,278,771</b>	<b>1,838,429</b>	<b>1,179,744</b>	<b>1,270,698</b>
Delaware.....	75,567	38,181	25,029	12,357	70,541	37,070	21,830	11,641
Maryland.....	500,166	297,243	143,734	59,179	465,683	288,505	124,112	55,066
Dist. of Columbia.....	185,128	185,128			173,445	173,445		
Virginia.....	669,787	252,170	184,768	222,840	627,532	244,103	174,219	209,208
West Virginia.....	459,725	144,152	199,660	115,913	444,815	140,556	192,771	111,488
North Carolina.....	820,888	246,030	227,681	347,147	789,659	239,917	217,703	332,039
South Carolina.....	458,899	126,508	132,432	199,974	434,968	123,503	126,119	185,346
Georgia.....	796,715	296,325	179,371	321,019	752,241	288,818	170,595	292,828
Florida.....	590,451	337,494	174,213	78,744	519,887	294,410	152,395	73,082
<b>East South Central</b> .....	<b>2,734,525</b>	<b>887,147</b>	<b>609,173</b>	<b>1,240,205</b>	<b>2,622,203</b>	<b>862,098</b>	<b>585,233</b>	<b>1,174,962</b>
Kentucky.....	729,206	247,957	187,475	293,774	696,538	228,283	179,890	288,365
Tennessee.....	742,030	283,649	158,037	300,344	714,894	276,056	152,197	286,641
Alabama.....	708,043	232,437	164,531	311,075	673,815	227,309	157,226	289,280
Mississippi.....	557,246	123,104	99,130	335,012	534,956	120,360	95,920	318,676
<b>West South Central</b> .....	<b>3,592,215</b>	<b>1,514,410</b>	<b>788,720</b>	<b>1,289,085</b>	<b>3,377,230</b>	<b>1,443,835</b>	<b>747,691</b>	<b>1,185,704</b>
Arkansas.....	520,613	127,751	116,225	276,637	495,825	123,528	111,636	260,661
Louisiana.....	619,233	271,064	143,392	204,777	592,528	262,927	136,616	192,986
Oklahoma.....	847,483	269,613	145,864	232,008	810,481	254,779	139,605	216,097
Texas.....	1,804,884	646,982	383,239	575,663	1,678,396	802,601	350,745	516,050
<b>Mountain</b> .....	<b>1,238,688</b>	<b>533,668</b>	<b>393,861</b>	<b>311,139</b>	<b>1,120,450</b>	<b>507,692</b>	<b>343,630</b>	<b>269,168</b>
Montana.....	177,443	57,221	56,301	53,921	159,963	64,148	49,737	46,078
Idaho.....	152,535	52,975	45,994	53,926	141,727	50,774	41,235	49,718
Wyoming.....	76,808	29,024	25,365	22,479	69,374	27,332	22,842	19,200
Colorado.....	254,660	182,794	96,308	75,658	218,000	174,759	77,966	63,285
New Mexico.....	145,842	49,527	50,166	45,949	129,475	46,713	43,097	39,665
Arizona.....	147,079	52,878	62,038	32,163	131,133	48,924	55,813	26,396
Utah.....	147,291	85,262	39,763	22,266	139,487	81,768	37,115	20,614
Nevada.....	26,770	13,907	18,086	4,777	23,291	13,284	15,795	4,212
<b>Pacific</b> .....	<b>1,300,623</b>	<b>2,185,932</b>	<b>732,680</b>	<b>376,141</b>	<b>3,013,172</b>	<b>2,843,329</b>	<b>628,296</b>	<b>341,562</b>
Washington.....	590,439	322,164	165,746	102,529	537,337	302,206	141,673	93,456
Oregon.....	369,811	184,069	104,744	60,908	337,492	172,660	92,667	72,265
California.....	2,340,373	1,679,699	462,090	192,514	2,138,343	1,568,552	393,960	175,841

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

**No. 905.—DWELLING UNITS, URBAN AND RURAL—OCCUPANCY AND TENURE, BY AVERAGE AND MEDIAN MONTHLY RENT: 1940**

[For urban and rural-nonfarm units, monthly rent includes land; for farm units, farm land is excluded. Monthly rental data include contract rent of tenant-occupied nonfarm units and estimated rent of other units. Monthly rent of owner-occupied rural-farm units is an estimate based on 1 percent of reported value]

AREA AND SUBJECT	All dwell- ing units	Owner occupied	Tenant occupied	Vacant, for sale or rent	Vacant, not for sale or rent
<b>REPORTING MONTHLY RENT</b>					
<b>Total</b> .....	<b>35, 938, 118</b>	<b>14, 403, 635</b>	<b>19, 223, 611</b>	<b>1, 749, 702</b>	<b>561, 170</b>
Urban and rural-nonfarm.....	29, 129, 996	11, 129, 428	16, 177, 770	1, 350, 647	472, 151
Urban.....	21, 239, 794	7, 488, 676	12, 790, 473	867, 613	93, 032
Rural-nonfarm.....	7, 890, 202	3, 640, 752	3, 387, 297	483, 034	379, 119
Rural-farm.....	6, 808, 122	3, 274, 207	3, 045, 841	399, 055	89, 019
<b>AVERAGE MONTHLY RENT</b>					
<b>Total</b> .....	<b>\$24. 15</b>	<b>\$27. 47</b>	<b>\$21. 17</b>	<b>\$26. 55</b>	<b>\$33. 30</b>
Urban and rural-nonfarm.....	27. 45	31. 52	23. 95	32. 60	37. 00
Urban.....	30. 83	36. 69	27. 01	34. 83	47. 24
Rural-nonfarm.....	18. 35	20. 88	12. 36	28. 50	34. 50
Rural-farm.....	10. 00	13. 69	6. 45	6. 00	13. 22
<b>MEDIAN MONTHLY RENT <sup>1</sup></b>					
<b>Total</b> .....	<b>\$20. 09</b>	<b>\$33. 17</b>	<b>\$18. 22</b>	<b>\$18. 59</b>	<b>\$21. 52</b>
Urban and rural-nonfarm.....	23. 73	27. 45	21. 41	24. 60	24. 25
Urban.....	27. 31	32. 59	24. 60	27. 98	32. 28
Rural-nonfarm.....	13. 20	16. 21	10. 08	17. 19	22. 57
Rural-farm.....	5. 97	9. 78	4. 72	3. 84	6. 29

<sup>1</sup> For definition of median, see headnote, table 910.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

**No. 906.—DWELLING UNITS, URBAN AND RURAL—ESTIMATED TOTAL MONTHLY RENT AND ESTIMATED TOTAL VALUE: 1940**

[For urban and rural-nonfarm units, monthly rent and value include land; for farm units, farm land is excluded. Monthly rental data include contract rent of tenant-occupied nonfarm units and estimated rent of other units. Monthly rent of owner-occupied rural-farm units is an estimate based on 1 percent of reported value. Value of owner-occupied units represents the owners' estimate of the value. For tenant-occupied and vacant units value was estimated as 100 times the monthly rent. Value or rent of units for which these data were not reported was estimated by assuming that the average value or rent of such units was the same as the value or rent of reporting units in the corresponding tenure and occupancy group of the urban and rural areas of each region]

[In thousands]

SUBJECT AND OCCUPANCY STATUS	Total	Urban	Rural- nonfarm	Rural- farm
<b>Estimated total monthly rent of all dwelling units</b> .....	<b>\$893, 715</b>	<b>\$668, 362</b>	<b>\$148, 565</b>	<b>\$76, 788</b>
Owner-occupied.....	411, 906	283, 508	77, 211	51, 187
Tenant-occupied.....	412, 287	347, 984	42, 705	21, 598
Vacant, for sale or rent.....	49, 422	32, 068	14, 678	2, 676
Vacant, not for sale or rent.....	20, 101	4, 802	13, 971	1, 327
<b>Estimated total value of all dwelling units</b> .....	<b>\$96, 439, 310</b>	<b>\$71, 116, 397</b>	<b>\$16, 267, 971</b>	<b>\$8, 055, 942</b>
Owner-occupied.....	46, 151, 888	31, 929, 917	8, 914, 115	5, 307, 855
Tenant-occupied.....	42, 211, 598	35, 442, 459	4, 443, 164	2, 325, 975
Vacant, for sale or rent.....	5, 035, 391	3, 252, 718	1, 493, 318	289, 355
Vacant, not for sale or rent.....	2, 040, 433	485, 302	1, 417, 373	137, 757

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Special Reports, Series H-1943, No. 1.

## No. 907.—OWNER-OCCUPIED DWELLING UNITS, URBAN AND RURAL, AND TENANT-OCCUPIED UNITS, BY STATES: 1940

[For total number of occupied units, see table 904]

DIVISION AND STATE	OWNER-OCCUPIED UNITS								TENANT-OCCUPIED UNITS	
	Number				Percent				Number	Percent
	Total	Urban	Rural-nonfarm	Rural-farm	Total	Urban	Rural-nonfarm	Rural-farm		
<b>United States</b> .....	15, 195, 763	7, 714, 969	3, 898, 876	2, 782, 727	43.8	37.5	51.7	53.2	12, 458, 799	55.4
<b>New England</b> .....	924, 408	592, 745	224, 236	107, 423	42.0	35.4	56.7	51.6	1, 277, 613	58.0
Maine.....	125, 890	36, 988	54, 209	34, 193	57.3	41.8	60.1	54.7	93, 578	43.7
New Hampshire.....	68, 705	30, 757	24, 374	13, 574	51.7	40.8	58.7	54.7	64, 231	48.2
Vermont.....	51, 709	13, 198	18, 638	19, 873	55.9	40.7	53.0	50.1	40, 726	44.1
Massachusetts.....	426, 785	351, 833	55, 940	19, 012	39.1	35.1	59.2	50.2	663, 906	51.9
Rhode Island.....	70, 190	61, 010	7, 274	1, 909	37.4	35.5	52.5	73.0	117, 518	52.6
Connecticut.....	181, 629	96, 959	63, 795	18, 875	40.6	32.5	53.1	73.3	267, 052	59.5
<b>Middle Atlantic</b> .....	2, 799, 214	1, 745, 412	644, 351	309, 351	37.1	30.8	54.3	72.7	4, 577, 683	62.9
New York.....	1, 111, 388	726, 860	247, 360	137, 168	30.3	23.8	58.4	74.9	2, 550, 725	69.7
New Jersey.....	433, 878	315, 560	95, 811	23, 007	39.4	35.1	56.8	69.8	666, 382	60.6
Pennsylvania.....	1, 154, 948	704, 192	301, 580	149, 176	48.9	41.2	50.7	71.4	1, 350, 576	54.1
<b>East North Central</b> .....	3, 555, 823	2, 033, 285	778, 560	753, 978	49.0	41.9	51.3	65.5	3, 708, 416	51.9
Ohio.....	948, 354	568, 057	200, 880	179, 417	50.0	44.0	59.4	66.9	949, 442	50.0
Indiana.....	516, 636	245, 764	128, 050	138, 522	53.1	45.4	50.6	65.4	450, 862	48.9
Illinois.....	882, 870	573, 029	185, 445	124, 398	40.2	35.1	59.7	69.9	1, 300, 854	59.7
Michigan.....	778, 755	438, 376	169, 355	169, 024	55.4	47.4	57.1	75.8	622, 259	44.6
Wisconsin.....	450, 206	208, 069	96, 830	145, 319	54.4	44.9	60.1	71.6	376, 999	45.6
<b>West North Central</b> .....	1, 817, 364	750, 233	452, 932	614, 199	49.3	43.7	55.6	63.1	1, 670, 845	69.7
Minnesota.....	402, 318	184, 686	82, 143	135, 289	55.2	48.2	60.5	64.5	326, 041	44.8
Iowa.....	381, 477	167, 782	94, 440	109, 305	51.5	50.5	58.6	47.9	340, 347	48.5
Missouri.....	472, 950	201, 054	109, 856	102, 080	44.3	35.1	53.7	55.7	596, 082	55.7
North Dakota.....	75, 710	13, 549	24, 526	37, 635	49.8	39.8	62.2	53.0	79, 333	50.2
South Dakota.....	74, 388	18, 259	23, 708	32, 421	45.0	41.9	47.9	44.8	91, 040	55.0
Nebraska.....	169, 966	67, 999	46, 606	55, 391	47.1	46.5	52.1	44.3	190, 778	52.9
Kansas.....	260, 495	106, 774	71, 653	82, 068	51.0	47.6	56.0	51.7	260, 614	49.0
<b>South Atlantic</b> .....	1, 733, 796	631, 317	491, 232	611, 155	40.5	34.5	41.6	48.1	2, 545, 066	59.5
Delaware.....	83, 218	15, 265	11, 613	5, 435	47.1	41.2	52.7	55.3	87, 328	52.9
Maryland.....	220, 766	116, 895	71, 480	32, 720	47.4	40.7	57.6	59.4	244, 918	52.6
Dist. of Columbia.....	51, 944	51, 944			29.9	29.9			121, 801	70.1
Virginia.....	306, 668	68, 362	85, 964	132, 322	49.0	36.2	49.4	63.3	320, 644	51.1
West Virginia.....	194, 409	56, 588	61, 920	75, 901	42.7	40.3	32.1	68.1	260, 406	54.3
North Carolina.....	335, 063	76, 759	92, 787	165, 518	42.4	32.0	42.6	49.3	454, 566	57.6
South Carolina.....	133, 279	23, 309	35, 618	64, 352	30.6	27.0	28.2	34.7	301, 689	69.4
Georgia.....	231, 689	76, 968	61, 297	98, 424	30.8	26.6	33.9	31.9	520, 552	69.2
Florida.....	226, 656	115, 528	70, 634	40, 473	43.6	39.2	46.4	55.4	293, 232	56.4
<b>East South Central</b> .....	1, 055, 110	294, 456	233, 166	527, 458	46.2	34.2	39.6	44.9	1, 567, 993	59.5
Kentucky.....	335, 850	90, 425	74, 854	170, 071	48.0	37.9	41.6	60.7	393, 188	52.0
Tennessee.....	315, 182	92, 385	69, 529	163, 268	44.1	33.5	45.7	53.5	399, 712	55.9
Alabama.....	226, 460	70, 224	51, 943	104, 293	33.6	30.9	33.0	35.1	447, 355	66.4
Mississippi.....	178, 118	41, 452	36, 840	99, 826	33.3	34.4	33.4	31.2	355, 838	69.7
<b>West South Central</b> .....	1, 394, 267	554, 835	352, 475	479, 897	41.3	33.3	47.7	39.7	1, 363, 923	59.7
Arkansas.....	196, 916	47, 397	47, 185	102, 334	39.7	38.4	42.3	39.3	266, 809	60.3
Louisiana.....	218, 447	83, 491	65, 967	69, 989	36.9	31.8	48.3	35.7	374, 081	63.1
Oklahoma.....	261, 162	109, 403	65, 748	86, 013	42.8	42.9	47.1	39.3	349, 319	57.2
Texas.....	717, 682	326, 544	177, 577	213, 561	42.8	40.7	49.4	41.4	900, 714	57.2
<b>Mountain</b> .....	582, 978	233, 574	179, 270	179, 134	52.0	46.6	52.2	63.2	537, 472	48.9
Montana.....	83, 126	27, 627	26, 552	29, 547	52.0	43.1	53.5	62.6	76, 837	48.0
Idaho.....	82, 078	27, 059	22, 577	32, 442	57.9	53.3	54.8	65.3	59, 649	42.1
Wyoming.....	33, 749	12, 645	9, 768	11, 336	48.6	46.3	42.8	59.0	35, 625	51.4
Colorado.....	145, 455	75, 062	38, 902	32, 491	46.3	43.0	49.9	51.3	169, 545	53.7
New Mexico.....	74, 150	21, 851	23, 824	28, 475	57.3	46.8	55.3	71.8	55, 325	42.7
Arizona.....	82, 842	19, 191	28, 867	16, 764	47.9	39.2	48.1	63.6	68, 291	52.1
Utah.....	85, 225	44, 568	23, 766	16, 891	61.1	64.5	64.0	81.9	54, 252	38.9
Nevada.....	15, 353	5, 571	6, 914	2, 868	46.1	41.9	43.8	68.1	17, 938	53.9
<b>Pacific</b> .....	1, 422, 614	885, 873	337, 369	318, 162	47.2	42.4	53.8	63.9	1, 591, 185	52.8
Washington.....	306, 174	152, 059	85, 973	68, 142	57.0	50.3	60.7	72.9	281, 163	43.0
Oregon.....	187, 044	84, 211	51, 564	51, 269	55.4	48.8	55.6	70.9	150, 448	44.6
California.....	928, 796	629, 603	300, 422	98, 771	43.4	40.1	50.9	66.3	1, 209, 547	56.6

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.



# URBAN AND RURAL-NONFARM HOUSING

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## No. 908.—DWELLING UNITS, URBAN AND RURAL-NONFARM—OCCUPANCY AND TENURE, BY CONTRACT OR ESTIMATED MONTHLY RENT: 1940

(Monthly rental data include contract rent of tenant-occupied units and estimated rental value of owner-occupied and vacant units)

AREA AND CONTRACT OR ESTIMATED MONTHLY RENT	NUMBER				PERCENT DISTRIBUTION			
	All dwelling units <sup>1</sup>	Owner occupied	Tenant occupied	Vacant, for sale or rent	All dwelling units	Owner occupied	Tenant occupied	Vacant, for sale or rent
<b>URBAN AND RURAL-NONFARM</b>								
Total	23, 631, 199	11, 413, 036	14, 334, 937	1, 428, 972				
Reporting monthly rent	23, 123, 994	11, 123, 423	14, 177, 778	1, 346, 447	100.0	100.0	100.0	100.0
Monthly rental under \$5	1, 089, 581	620, 059	886, 741	65, 247	5.5	5.5	5.5	4.8
\$5 to \$9	3, 035, 678	922, 485	1, 936, 861	130, 340	10.4	8.3	12.0	9.7
\$10 to \$14	3, 568, 828	1, 052, 797	2, 379, 797	172, 217	12.3	9.5	14.1	12.8
\$15 to \$19	3, 508, 089	1, 075, 771	2, 217, 486	157, 021	12.0	9.7	13.7	11.7
\$20 to \$24	3, 385, 357	1, 170, 129	2, 013, 190	147, 194	11.6	10.5	12.4	10.9
\$25 to \$29	3, 245, 638	1, 224, 290	1, 839, 540	134, 101	11.1	11.0	11.4	9.9
\$30 to \$39	4, 680, 646	1, 919, 155	2, 536, 102	237, 746	16.1	17.3	16.6	13.9
\$40 to \$49	2, 671, 003	1, 218, 572	1, 300, 080	131, 083	9.2	10.9	8.0	9.0
\$50 to \$59	1, 408, 799	739, 763	570, 410	73, 432	4.8	6.6	3.5	5.4
\$60 to \$74	936, 562	533, 463	328, 662	57, 394	3.2	4.8	2.0	4.2
\$75 to \$99	553, 949	328, 242	184, 301	42, 000	1.9	2.9	1.0	3.2
\$100 and over	541, 248	324, 682	117, 620	61, 571	1.9	2.9	.7	4.6
Not reporting	452, 193	263, 608	167, 167	78, 226				
<b>URBAN</b>								
Total	21, 614, 352	7, 714, 949	12, 881, 549	918, 297				
Reporting monthly rent	21, 239, 794	7, 498, 676	12, 793, 473	867, 612	100.0	100.0	100.0	100.0
Monthly rental under \$5	406, 019	145, 798	347, 500	31, 226	1.9	1.9	1.9	1.3
\$5 to \$9	1, 321, 672	307, 415	963, 181	47, 076	6.2	4.1	7.5	5.4
\$10 to \$14	2, 155, 095	474, 361	1, 676, 896	96, 111	10.1	6.3	12.3	11.1
\$15 to \$19	2, 342, 789	628, 686	1, 759, 994	106, 201	12.0	8.4	14.1	12.1
\$20 to \$24	2, 085, 580	796, 301	1, 774, 409	105, 134	12.6	10.6	13.9	12.1
\$25 to \$29	2, 085, 528	912, 352	1, 663, 812	94, 578	12.6	12.2	13.0	11.4
\$30 to \$39	4, 069, 805	1, 649, 526	2, 384, 318	149, 850	19.3	20.7	18.6	17.3
\$40 to \$49	2, 394, 265	1, 084, 977	1, 262, 794	96, 972	11.3	13.8	9.8	11.2
\$50 to \$59	1, 237, 613	627, 908	646, 414	55, 918	5.8	8.4	4.2	6.4
\$60 to \$74	819, 970	460, 286	313, 445	40, 634	3.9	6.1	2.6	4.7
\$75 to \$99	470, 016	262, 334	186, 877	27, 044	2.2	3.6	1.2	3.1
\$100 and over	422, 502	209, 042	111, 864	23, 158	2.0	3.6	.9	3.8
Not reporting	376, 556	226, 294	91, 067	50, 094				
<b>RURAL-NONFARM</b>								
Total	2, 016, 837	3, 698, 076	3, 453, 397	216, 876				
Reporting monthly rent	7, 899, 292	3, 649, 782	3, 397, 297	483, 834	100.0	100.0	100.0	100.0
Monthly rental under \$5	1, 162, 662	474, 261	686, 341	53, 919	15.0	13.0	18.8	11.2
\$5 to \$9	1, 714, 036	616, 070	973, 490	89, 271	21.7	16.0	29.7	17.2
\$10 to \$14	1, 413, 733	678, 436	702, 911	76, 808	17.8	18.9	20.8	16.8
\$15 to \$19	963, 300	417, 175	417, 682	52, 289	12.2	13.2	12.3	10.6
\$20 to \$24	669, 777	373, 626	326, 792	42, 078	8.6	10.3	7.0	8.1
\$25 to \$29	590, 112	311, 938	276, 729	35, 995	7.1	8.6	5.9	7.3
\$30 to \$39	587, 841	309, 026	141, 784	27, 360	7.5	10.3	4.2	7.8
\$40 to \$49	277, 399	163, 986	47, 399	24, 111	3.5	5.1	1.4	5.0
\$50 to \$59	173, 184	111, 796	23, 099	17, 516	2.2	3.1	.7	3.6
\$60 to \$74	116, 612	72, 197	13, 217	16, 541	1.5	2.0	.4	3.4
\$75 to \$99	82, 923	45, 998	8, 424	16, 496	1.1	1.3	.2	3.2
\$100 and over	115, 744	55, 089	5, 966	29, 378	1.6	1.5	.2	5.9
Not reporting	176, 635	67, 339	66, 100	27, 642				

<sup>1</sup> Figures include vacant units that were not for sale or rent, not shown separately

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part I.

## No. 909.—DWELLING UNITS, URBAN AND RURAL-NONFARM—VALUE OR MONTHLY RENTAL: 1930 AND 1940

YEAR AND VALUE OR MONTHLY RENT	NUMBER			PERCENT DISTRIBUTION		
	Urban and rural-non-farm	Urban	Rural-non-farm	Urban and rural-non-farm	Urban	Rural-non-farm
<b>1930<sup>1</sup></b>						
<b>Owned homes</b>	<b>10,549,972</b>	<b>7,432,654</b>	<b>3,117,418</b>			
Reporting value	10,204,068	7,285,911	3,006,157	100.0	100.0	100.0
Value under \$1,000	794,724	231,285	563,439	7.7	3.2	18.7
\$1,000 to \$1,499	570,047	232,448	337,599	5.6	3.2	11.2
\$1,500 to \$1,999	531,277	257,130	274,147	5.2	3.5	9.1
\$2,000 to \$2,999	1,167,325	699,459	467,867	11.3	9.2	15.5
\$3,000 to \$4,999	2,343,769	1,698,542	645,227	22.8	23.2	21.8
\$5,000 to \$7,499	2,297,029	1,899,247	398,782	22.3	26.1	13.3
\$7,500 to \$9,999	969,468	679,361	110,107	9.6	12.1	3.7
\$10,000 to \$14,999	906,557	615,623	290,934	8.8	11.1	3.2
\$15,000 to \$19,999	339,535	306,953	32,582	3.3	4.2	1.1
\$20,000 and over	364,337	311,804	52,533	3.4	4.3	1.4
Not reporting value	235,904	146,643	109,261			
<b>Rented homes</b>	<b>12,367,100</b>	<b>9,481,359</b>	<b>2,885,741</b>			
Reporting rent	12,038,720	9,487,648	2,548,072	100.0	100.0	100.0
Rental under \$10	1,563,952	610,114	1,053,838	12.0	5.4	41.4
\$10 to \$14	1,330,927	782,005	548,922	11.1	8.2	21.5
\$15 to \$19	1,302,387	962,787	339,600	10.8	10.1	12.2
\$20 to \$29	2,545,208	2,178,212	366,996	21.1	23.0	14.4
\$30 to \$49	3,191,435	3,009,786	181,649	26.6	31.7	7.1
\$50 to \$74	1,503,401	1,464,279	39,122	12.5	15.4	1.5
\$75 to \$99	343,071	334,308	8,763	2.9	3.5	.3
\$100 to \$149	163,292	157,489	5,803	1.4	1.7	.2
\$150 to \$199	46,297	44,613	1,684	.4	.6	.1
\$200 and over	45,750	44,108	1,642	.4	.5	.1
Not reporting rent	231,380	193,711	137,669			
<b>1940</b>						
<b>Owner-occupied units</b>	<b>11,413,036</b>	<b>7,714,960</b>	<b>3,698,076</b>			
Reporting value	11,021,712	7,399,787	3,621,925	100.0	100.0	100.0
Value under \$1,000	1,769,679	588,511	1,181,168	16.1	8.0	32.6
\$1,000 to \$1,499	982,752	307,715	675,037	8.9	6.9	18.1
\$1,500 to \$1,999	931,194	580,975	350,219	8.6	8.0	9.9
\$2,000 to \$2,999	1,920,038	1,353,741	566,297	17.4	18.3	15.6
\$3,000 to \$4,999	2,851,852	2,240,533	611,319	25.9	30.3	16.9
\$5,000 to \$7,499	1,601,543	1,325,322	276,221	14.5	17.9	7.6
\$7,500 to \$9,999	449,060	381,284	67,776	4.1	5.2	1.9
\$10,000 to \$14,999	302,194	253,020	49,174	2.7	3.4	1.4
\$15,000 to \$19,999	99,147	82,603	16,544	.9	1.1	.5
\$20,000 and over	94,253	75,993	18,260	.9	1.0	.5
Not reporting value	391,324	315,173	76,151			
<b>Tenant-occupied units</b>	<b>16,334,947</b>	<b>12,881,540</b>	<b>3,453,407</b>			
Reporting rent	16,177,770	12,790,473	3,387,297	100.0	100.0	100.0
Rental under \$10	2,322,402	1,210,681	1,111,721	17.4	9.5	47.6
\$10 to \$14	2,279,797	1,578,895	700,901	14.1	12.3	20.8
\$15 to \$19	2,217,466	1,799,964	417,502	13.7	14.1	12.3
\$20 to \$29	3,852,730	3,438,220	414,510	23.8	26.9	12.2
\$30 to \$49	3,826,182	3,637,102	189,080	23.7	28.4	5.8
\$50 to \$74	897,073	859,859	37,213	5.5	6.7	1.1
\$75 to \$99	164,301	155,877	8,424	1.0	1.2	.2
\$100 to \$149	79,191	74,817	4,374	.5	.6	.1
\$150 to \$199	20,911	19,942	969	.1	.2	
\$200 and over	17,718	17,105	613	.1	.1	
Not reporting rent	157,167	91,067	66,100			
<b>MEDIAN VALUE OF OWNED HOMES<sup>2</sup></b>						
1930	\$4,778	\$5,743	\$3,661			
1940	2,938	2,501	1,715			
<b>MEDIAN RENT OF RENTED HOMES<sup>2</sup></b>						
1930	\$27.15	\$32.06	\$12.01			
1940	21.41	24.60	10.08			

<sup>1</sup> Includes only private families that reported tenure.<sup>2</sup> For definition of median, see headnote, table 910.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

**No. 910.—DWELLING UNITS, URBAN AND RURAL-NONFARM—MEDIAN CONTRACT OR ESTIMATED MONTHLY RENT AND MEDIAN VALUE, BY TENURE: 1940**

[Monthly rental data include contract rent of tenant-occupied units and estimated rent of owner-occupied and vacant units. Figures for "All dwelling units" include vacant units. Median defined: That item which is in the middle of a series arranged according to size. Thus, the median rent is the rent which divides the total number of dwelling units into two equal groups, one having rents higher than the median and one having rents lower than the median]

DIVISION AND STATE	MEDIAN CONTRACT OR ESTIMATED MONTHLY RENT (DOLLARS)									MEDIAN VALUE OF OWNER-OCCUPIED UNITS (DOLLARS)		
	Urban and rural-nonfarm			Urban			Rural-nonfarm			Urban and rural-nonfarm	Urban	Rural-nonfarm
	All dwelling units	Owner occupied	Tenant occupied	All dwelling units	Owner occupied	Tenant occupied	All dwelling units	Owner occupied	Tenant occupied			
<b>United States.....</b>	<b>23.73</b>	<b>27.45</b>	<b>21.41</b>	<b>27.31</b>	<b>32.59</b>	<b>24.60</b>	<b>13.20</b>	<b>16.21</b>	<b>10.08</b>	<b>2,938</b>	<b>3,501</b>	<b>1,715</b>
<b>New England.....</b>	<b>26.19</b>	<b>32.87</b>	<b>23.19</b>	<b>27.14</b>	<b>35.88</b>	<b>23.98</b>	<b>22.09</b>	<b>24.15</b>	<b>16.83</b>	<b>3,652</b>	<b>3,944</b>	<b>2,747</b>
Maine.....	18.87	19.14	17.41	22.84	27.01	20.94	14.94	14.24	12.55	2,008	2,873	1,483
N. H.....	19.97	23.13	17.53	21.83	27.63	18.90	17.10	17.24	13.54	2,505	3,048	1,893
Vermont.....	19.02	24.37	16.25	24.43	34.09	20.18	14.46	17.62	11.97	2,836	4,141	2,057
Mass.....	28.00	35.63	24.69	28.33	37.07	25.13	25.04	26.96	18.40	3,837	3,981	2,997
Rhode Island.....	23.29	33.05	20.17	23.47	34.02	20.43	21.01	25.54	15.59	3,848	3,941	3,045
Connecticut.....	28.91	38.84	25.00	28.34	38.80	25.36	31.10	38.91	23.41	4,615	4,575	4,682
<b>Middle Atlantic.....</b>	<b>30.39</b>	<b>34.85</b>	<b>28.59</b>	<b>32.62</b>	<b>38.38</b>	<b>30.32</b>	<b>26.07</b>	<b>24.22</b>	<b>14.99</b>	<b>3,840</b>	<b>4,210</b>	<b>2,824</b>
New York.....	34.51	39.48	33.39	35.76	43.31	34.22	24.89	28.23	19.62	4,389	4,730	3,352
New Jersey.....	31.73	40.53	27.95	33.01	43.76	28.75	26.78	31.32	21.05	4,528	4,848	3,599
Pa.....	24.21	28.81	21.30	26.92	32.73	23.73	14.99	19.37	12.43	3,205	3,562	2,221
<b>E. N. Central.....</b>	<b>25.79</b>	<b>28.41</b>	<b>23.70</b>	<b>28.63</b>	<b>32.75</b>	<b>25.98</b>	<b>14.65</b>	<b>16.44</b>	<b>11.67</b>	<b>3,096</b>	<b>3,572</b>	<b>1,803</b>
Ohio.....	25.03	29.79	21.59	27.34	33.70	23.41	14.74	17.73	11.96	3,415	3,816	2,024
Indiana.....	19.60	22.79	17.38	23.10	27.40	19.81	12.09	13.40	9.78	2,406	2,937	1,434
Illinois.....	27.70	29.61	26.58	30.74	34.02	28.73	13.61	15.56	11.18	3,277	3,766	1,715
Michigan.....	27.44	28.31	26.64	30.42	32.58	28.72	16.87	16.94	13.12	2,863	3,310	1,749
Wisconsin.....	26.30	28.93	23.89	29.22	33.35	26.56	17.17	18.62	12.54	3,232	3,701	2,136
<b>W. N. Central.....</b>	<b>18.87</b>	<b>22.00</b>	<b>17.01</b>	<b>23.41</b>	<b>27.83</b>	<b>20.59</b>	<b>11.65</b>	<b>13.38</b>	<b>9.77</b>	<b>2,312</b>	<b>2,990</b>	<b>1,417</b>
Minnesota.....	24.87	28.37	21.68	28.72	33.45	24.89	15.41	17.33	12.40	3,024	3,511	1,876
Iowa.....	18.87	21.09	16.94	23.43	26.44	20.74	12.44	13.83	10.87	2,253	2,769	1,479
Missouri.....	18.51	22.62	16.77	21.86	27.81	19.16	10.04	12.55	7.81	2,392	3,005	1,316
N. Dakota.....	15.36	16.07	15.07	27.45	32.74	25.12	10.78	11.78	10.11	1,626	3,319	1,185
S. Dakota.....	14.36	15.88	13.84	22.33	25.48	20.71	10.17	11.42	9.37	1,618	2,571	1,139
Nebraska.....	17.57	20.00	15.92	23.36	26.73	20.92	10.74	12.45	9.46	2,156	2,793	1,375
Kansas.....	14.91	16.94	13.69	18.24	20.98	16.56	10.10	11.88	8.73	1,733	2,111	1,247
<b>South Atlantic.....</b>	<b>16.05</b>	<b>24.31</b>	<b>12.49</b>	<b>22.20</b>	<b>32.14</b>	<b>17.20</b>	<b>9.22</b>	<b>14.40</b>	<b>6.47</b>	<b>2,513</b>	<b>3,380</b>	<b>1,542</b>
Delaware.....	28.26	37.81	22.58	31.39	43.03	25.28	22.09	30.04	15.30	4,159	4,743	3,381
Maryland.....	25.60	31.65	21.66	26.82	33.12	23.12	21.28	27.35	14.11	3,031	3,050	2,684
Dist. of Col.....	47.53	64.80	41.42	47.53	64.80	41.42	-----	-----	-----	7,568	7,568	-----
Virginia.....	16.45	23.98	13.27	21.58	32.95	17.04	10.50	15.53	7.21	2,633	3,629	1,769
W. Virginia.....	13.97	21.12	12.08	23.34	30.38	19.80	9.73	13.59	8.76	2,350	3,579	1,460
N. Carolina.....	11.66	17.37	9.42	15.01	26.77	12.45	7.78	12.02	5.89	1,802	2,827	1,249
S. Carolina.....	8.50	19.97	6.48	12.24	29.47	9.05	6.05	12.82	5.25	2,145	3,368	1,346
Georgia.....	10.10	19.27	8.15	12.71	25.36	10.29	6.11	12.66	5.00	1,957	2,500	1,314
Florida.....	16.95	21.51	12.92	21.86	27.63	16.52	8.33	11.88	5.75	2,218	2,966	1,158
<b>E. S. Central.....</b>	<b>11.07</b>	<b>17.25</b>	<b>8.96</b>	<b>14.68</b>	<b>24.06</b>	<b>12.12</b>	<b>6.18</b>	<b>9.92</b>	<b>5.42</b>	<b>1,752</b>	<b>2,482</b>	<b>961</b>
Kentucky.....	13.29	19.81	11.23	18.38	26.96	15.10	7.41	10.58	6.48	2,074	2,907	1,068
Tennessee.....	12.38	17.80	10.49	14.95	23.76	12.68	6.72	10.89	5.54	1,826	2,436	1,121
Alabama.....	8.80	15.76	7.26	12.42	22.45	9.73	5.45	8.96	4.73	1,610	2,341	909
Mississippi.....	7.78	13.17	6.24	11.01	20.07	8.57	5.28	8.04	4.54	1,189	1,875	689
<b>W. S. Central.....</b>	<b>13.43</b>	<b>16.06</b>	<b>12.15</b>	<b>17.67</b>	<b>22.66</b>	<b>15.34</b>	<b>6.36</b>	<b>8.09</b>	<b>5.84</b>	<b>1,489</b>	<b>2,216</b>	<b>682</b>
Arkansas.....	8.04	11.22	6.47	13.59	19.07	11.07	4.95	5.82	4.44	1,100	1,960	585
Louisiana.....	12.43	14.83	11.54	15.93	22.91	13.90	5.67	6.44	5.13	1,414	2,314	643
Oklahoma.....	13.16	14.03	12.59	18.12	21.34	16.62	5.97	5.94	5.95	1,293	2,088	526
Texas.....	14.99	18.16	13.40	18.80	23.58	16.37	8.60	10.71	6.73	1,693	2,273	889
<b>Mountain.....</b>	<b>17.65</b>	<b>19.45</b>	<b>16.92</b>	<b>23.14</b>	<b>26.53</b>	<b>21.01</b>	<b>11.57</b>	<b>11.56</b>	<b>11.51</b>	<b>1,802</b>	<b>2,644</b>	<b>897</b>
Montana.....	17.66	18.74	17.72	23.86	26.78	22.40	11.89	12.14	11.97	1,651	2,567	937
Idaho.....	16.10	17.25	15.33	21.33	23.60	19.59	11.59	11.75	11.26	1,600	2,363	933
Wyoming.....	18.56	22.87	16.94	25.05	30.19	22.37	12.66	14.15	12.28	2,174	3,119	1,160
Colorado.....	19.28	22.00	18.06	23.42	27.20	21.26	12.18	12.61	11.22	2,091	2,715	997
New Mexico.....	11.49	9.62	12.99	19.17	20.19	18.50	6.18	4.73	8.14	656	1,715	362
Arizona.....	15.26	17.06	14.57	20.89	26.57	18.13	11.89	11.78	12.17	1,400	2,488	812
Utah.....	20.10	22.43	18.17	24.17	27.22	21.15	12.46	13.60	11.29	2,320	2,961	1,373
Nevada.....	20.82	24.26	19.84	31.68	37.71	28.79	14.41	14.30	14.69	1,987	3,838	963
<b>Pacific.....</b>	<b>25.97</b>	<b>29.53</b>	<b>23.85</b>	<b>28.39</b>	<b>33.47</b>	<b>25.84</b>	<b>17.40</b>	<b>19.90</b>	<b>15.19</b>	<b>3,156</b>	<b>3,554</b>	<b>2,006</b>
Washington.....	19.43	22.60	17.47	22.80	26.18	19.72	13.75	15.89	11.98	2,359	2,743	1,624
Oregon.....	18.77	21.95	16.94	22.74	26.42	19.58	12.81	14.41	11.47	2,343	2,860	1,434
California.....	28.01	33.26	25.61	29.96	36.20	27.04	20.08	23.52	17.44	3,527	3,840	2,388

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

# No. 911.—DWELLING UNITS, URBAN AND RURAL-NONFARM—CONTRACT OR ESTIMATED MONTHLY RENT, BY STATES: 1940

[Monthly rental data include contract rent of tenant-occupied units and estimated rent of owner-occupied and vacant units]

DIVISION AND STATE	All dwelling units <sup>1</sup>	Under \$10	\$10 to \$14	\$15 to \$19	\$20 to \$29	\$30 to \$49	\$50 to \$74	\$75 to \$99	\$100 and over
<b>United States</b> .....	29,683,189	4,625,259	3,568,828	3,506,089	6,630,995	7,358,249	2,345,381	552,949	541,246
<b>New England</b> .....	2,289,153	108,765	241,664	310,832	640,023	603,314	194,731	52,485	53,536
Maine.....	215,211	38,155	38,325	33,097	49,183	32,884	10,444	2,744	4,454
New Hampshire.....	138,809	14,434	24,785	25,157	35,095	23,252	5,940	1,497	2,639
Vermont.....	77,782	11,758	14,401	12,830	18,892	12,522	4,244	1,090	1,753
Massachusetts.....	1,195,020	28,448	105,579	148,348	344,206	357,030	111,225	30,080	32,582
Rhode Island.....	200,550	6,440	27,345	36,201	60,381	43,844	13,880	3,364	4,011
Connecticut.....	461,781	9,330	33,229	55,169	134,286	134,282	49,018	14,710	18,179
<b>Middle Atlantic</b> .....	7,412,730	326,222	583,413	791,780	1,794,960	2,406,362	897,326	223,171	231,305
New York.....	3,827,054	85,969	207,314	329,052	828,834	1,431,591	567,066	143,436	148,465
New Jersey.....	1,187,881	30,068	73,817	124,211	296,757	387,900	155,903	40,355	45,271
Pennsylvania.....	2,397,815	210,167	302,282	338,517	669,369	586,811	174,357	39,380	37,569
<b>East North Central</b> .....	8,465,379	667,322	749,487	795,308	1,563,771	1,858,729	519,744	116,385	91,898
Ohio.....	1,696,738	164,833	204,397	224,390	440,348	461,755	124,961	28,710	23,853
Indiana.....	783,485	141,281	129,742	112,695	178,080	159,766	37,218	7,449	4,909
Illinois.....	2,021,068	188,582	220,757	231,432	433,651	643,021	205,139	39,764	34,309
Michigan.....	1,281,453	111,324	122,868	142,918	324,567	418,785	102,937	22,828	19,187
Wisconsin.....	682,633	61,302	71,723	83,973	177,145	205,402	49,490	11,634	9,898
<b>West North Central</b> .....	2,674,403	546,245	446,459	375,434	577,589	617,445	127,907	24,675	19,287
Minnesota.....	554,462	54,248	70,441	76,640	131,816	158,966	40,369	7,260	5,252
Iowa.....	489,913	89,880	86,487	72,931	115,042	90,995	19,990	2,918	1,826
Missouri.....	828,652	181,554	137,850	110,229	171,410	151,078	48,433	10,812	9,465
North Dakota.....	84,181	23,532	15,810	10,501	14,138	14,166	3,475	434	222
South Dakota.....	98,368	29,405	19,164	13,473	18,096	13,271	2,178	302	185
Nebraska.....	247,873	54,900	45,046	36,128	54,307	41,923	9,184	1,655	1,201
Kansas.....	370,954	108,636	71,455	55,532	72,700	47,018	9,329	1,493	1,136
<b>South Atlantic</b> .....	3,190,113	993,696	474,719	317,696	501,054	509,449	226,129	59,736	57,621
Delaware.....	63,210	6,686	6,188	6,710	12,982	17,659	7,818	1,679	2,262
Maryland.....	480,977	47,019	50,000	50,037	110,868	114,315	38,577	11,446	10,523
District of Columbia.....	185,128	1,115	4,203	6,301	19,849	56,603	54,480	16,493	13,409
Virginia.....	436,947	124,683	72,167	47,481	67,420	72,162	32,889	8,086	5,796
West Virginia.....	343,812	107,914	67,276	42,999	55,943	42,268	13,765	3,239	2,724
North Carolina.....	473,741	194,136	89,806	47,335	59,295	49,369	17,505	4,420	3,978
South Carolina.....	258,925	138,042	36,528	19,198	26,923	22,890	7,639	1,950	2,786
Georgia.....	475,696	225,291	74,206	43,300	55,987	45,453	15,638	4,179	3,480
Florida.....	511,707	148,829	74,346	54,825	92,287	77,730	31,800	8,236	12,068
<b>East South Central</b> .....	1,496,320	659,733	240,852	149,345	193,118	161,366	48,585	10,666	8,146
Kentucky.....	435,432	169,442	71,604	50,183	84,424	56,340	18,282	4,067	3,139
Tennessee.....	441,686	170,648	81,622	47,696	60,187	53,417	15,965	3,174	2,703
Alabama.....	396,968	207,721	59,615	34,362	43,725	32,494	9,086	1,925	1,578
Mississippi.....	222,234	121,922	26,011	17,012	24,782	19,114	5,222	689	720
<b>West South Central</b> .....	2,303,120	848,684	362,591	275,041	394,454	279,105	75,286	16,799	15,941
Arkansas.....	243,976	131,701	33,487	22,279	28,892	17,925	4,233	736	660
Louisiana.....	414,456	164,358	69,251	51,008	60,501	44,341	14,226	3,387	2,963
Oklahoma.....	415,477	153,332	67,923	51,471	70,429	46,349	11,763	2,475	2,491
Texas.....	1,229,221	399,293	191,931	150,283	234,632	170,490	45,034	10,221	9,837
<b>Mountain</b> .....	927,449	224,596	160,356	123,992	190,434	163,539	40,620	7,129	6,639
Montana.....	123,522	27,574	22,043	17,300	26,693	21,338	5,096	648	381
Idaho.....	98,909	25,461	18,159	13,969	20,101	15,118	2,699	359	316
Wyoming.....	54,389	11,477	9,472	7,212	11,971	10,636	2,422	267	142
Colorado.....	279,002	54,454	44,699	39,521	61,589	53,604	14,367	2,901	2,362
New Mexico.....	99,693	42,785	13,803	9,162	14,385	12,828	2,903	459	419
Arizona.....	114,916	35,788	18,410	14,025	20,708	16,949	4,581	941	1,210
Utah.....	125,025	20,756	19,221	19,081	29,166	26,557	5,546	964	599
Nevada.....	31,993	6,331	4,549	3,732	5,841	6,709	2,404	589	631
<b>Pacific</b> .....	2,924,482	265,987	319,293	365,771	785,582	831,061	221,722	48,321	47,939
Washington.....	487,910	78,352	82,274	79,710	116,586	95,343	19,606	3,522	3,054
Oregon.....	288,813	50,781	49,711	48,122	68,816	52,136	9,900	2,017	1,823
California.....	2,147,759	126,854	187,308	238,939	600,190	683,522	192,216	42,782	43,281

<sup>1</sup> Figures include dwelling units with rental unknown, not shown separately.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part I.

## No. 912.—DWELLING UNITS, URBAN AND RURAL—CHARACTERISTICS OF OCCUPIED UNITS, 1947

[Based on Current Population Survey of April 1947. For discussion of this survey, see page 175]

SUBJECT	NUMBER (THOUSANDS, EXCEPT MEDIAN)				PERCENT DISTRIBUTION			
	Total	Urban	Rural-non-farm	Rural-farm	Total	Urban	Rural-non-farm	Rural-farm
<b>All occupied dwelling units</b>	33,016	22,535	8,519	4,962	100.0	100.0	100.0	100.0
Owner	21,247	11,547	5,478	4,322	64.7	51.4	64.3	64.9
Tenant	17,669	12,288	2,041	2,340	45.3	48.6	35.7	35.1
White	35,495	21,594	7,917	5,984	91.0	90.6	92.9	89.8
Nonwhite	3,521	2,241	602	678	9.0	9.4	7.1	10.2
<b>STATE OF REPAIR AND PLUMBING EQUIPMENT</b>								
With private bath and private flush toilet	26,436	20,095	4,885	1,456	67.8	64.3	57.3	21.9
With private flush toilet, no private bath	1,522	1,137	267	98	3.9	4.8	3.4	1.5
With running water, no private flush toilet	3,432	1,589	1,088	805	8.9	6.7	12.2	12.1
No running water in dwelling unit	7,626	1,014	2,309	4,303	19.6	4.3	27.1	64.6
In good condition or need minor repairs	35,574	22,287	7,877	5,410	91.2	92.4	99.1	84.5
With private bath and private flush toilet	25,667	19,505	4,744	1,418	65.8	61.8	55.7	21.3
With private flush toilet, no private bath	1,263	912	260	90	3.2	3.6	3.1	1.4
With running water, no private flush toilet	2,853	1,224	927	712	7.3	5.1	10.9	10.7
No running water in dwelling unit	5,782	626	1,740	3,410	14.8	2.6	20.5	51.2
In need of major repairs	3,442	1,568	842	1,032	8.8	6.6	9.9	15.5
With private bath and private flush toilet	769	590	141	38	2.0	2.5	1.7	.6
With private flush toilet, no private bath	260	225	27	8	.7	.9	.3	.1
With running water, no private flush toilet	569	366	111	63	1.5	1.5	1.3	1.4
No running water in dwelling unit	1,844	288	563	893	4.7	1.6	6.6	13.4
<b>DESIGNATED FACILITIES<sup>1</sup></b>								
Having all designated facilities	26,103	19,893	4,807	1,402	66.9	63.5	66.4	21.0
Lacking one or more designated facilities	12,914	8,942	2,712	3,260	33.1	36.5	33.6	79.0
<b>NUMBER OF ROOMS</b>								
1 room	707	479	162	75	1.8	2.0	1.9	1.1
2 rooms	2,599	1,753	512	333	6.7	7.4	5.0	5.0
3 rooms	5,265	3,370	1,116	779	13.5	14.1	13.1	11.7
4 rooms	7,887	4,613	1,986	1,318	20.2	19.4	23.0	19.8
5 rooms	8,601	5,470	1,984	1,197	22.0	22.9	22.7	18.0
6 rooms	7,230	4,634	1,452	1,144	18.5	19.4	17.0	17.2
7 rooms	3,349	1,862	712	775	8.6	7.8	8.4	11.6
8 or more rooms	3,379	1,663	675	1,041	8.7	7.0	7.9	15.6
Median number of rooms	4.85	4.81	4.77	5.19				
<b>SIZE OF HOUSEHOLD</b>								
1 person	2,864	1,983	621	260	7.3	8.3	7.3	3.9
2 persons	10,596	6,627	2,383	1,586	27.2	27.8	26.0	23.8
3 persons	8,954	5,659	1,890	1,405	22.9	23.7	22.2	21.1
4 persons	7,359	4,466	1,632	1,260	18.9	18.7	19.2	18.9
5 persons	4,344	2,544	954	836	11.1	10.7	11.3	12.5
6 persons	2,273	1,246	464	563	6.8	5.2	5.4	8.5
7 persons	1,140	607	247	286	2.9	2.6	2.9	4.3
8 or more persons	1,486	703	317	466	3.8	2.9	3.7	7.0
Median number of persons	3.18	3.08	3.16	3.56				
<b>PERSONS PER ROOM</b>								
0.50 or less	13,551	8,234	3,085	2,352	35.0	34.5	36.0	26.3
0.51 to 1.00	22,998	14,553	4,793	3,652	58.9	61.1	56.8	54.8
1.01 or more	2,367	1,048	631	658	6.1	4.4	7.8	9.9
<b>CENTRAL HEATING</b>								
With central heating	19,565	15,296	3,123	1,146	50.1	64.2	36.7	17.2
Without central heating	19,451	8,539	5,396	5,616	49.9	35.8	63.3	82.8
<b>ELECTRIC LIGHTING</b>								
With electric lighting	25,414	23,414	7,785	4,215	60.8	98.2	91.4	83.3
Without electric lighting	3,602	421	734	2,447	9.2	1.8	8.6	16.7
<b>INSTALLED COOKING FACILITIES</b>								
With installed cooking facilities	27,860	23,367	8,184	8,309	67.0	98.0	96.1	94.7
Without installed cooking facilities	1,156	468	335	363	3.0	2.0	3.9	5.3

<sup>1</sup> Electric lighting and running water, flush toilet, bathtub or shower, and installed cooking facilities for exclusive use of unit's occupants.

Source: Dept. of Commerce, Bureau of Census; Current Population Report, Housing, Series P-30 No. 1.

## No. 913.—DWELLING UNITS, URBAN AND RURAL—TYPE OF STRUCTURE, NUMBER OF ROOMS, AND FACILITIES: 1940

SUBJECT	NUMBER				PERCENT DISTRIBUTION			
	Total	Urban	Rural-nonfarm	Rural-farm	Total	Urban	Rural-nonfarm	Rural-farm
<b>TYPE OF STRUCTURE</b>								
All dwelling units.....	37,325,476	21,616,353	8,066,837	7,642,291	100.0	100.0	100.0	100.0
1-family detached.....	23,730,637	9,684,188	6,710,134	7,338,317	63.6	44.8	83.2	95.0
1-family attached.....	1,178,318	974,548	141,061	61,709	3.2	4.5	1.8	.8
2-family side-by-side.....	1,656,858	1,215,558	355,024	86,276	4.4	5.6	4.4	1.1
2-family other.....	3,464,282	3,011,204	352,114	100,964	9.3	13.9	4.4	1.3
3-family.....	1,384,644	1,271,550	101,373	11,712	3.7	5.9	1.3	.2
4-family.....	874,732	824,024	47,544	3,164	2.3	3.8	.6	( <sup>1</sup> )
1- to 4-family business.....	940,726	713,048	212,227	15,451	2.5	3.2	2.5	.2
5- to 9-family.....	1,492,145	1,437,293	51,043	3,809	4.0	6.6	.6	( <sup>1</sup> )
10- to 19-family.....	854,266	836,940	15,614	1,706	2.3	3.9	.2	( <sup>1</sup> )
20-family or more.....	1,581,867	1,571,180	9,901	800	4.2	7.3	.1	( <sup>1</sup> )
Other dwelling place.....	166,975	76,802	69,882	20,291	.4	.4	.9	.2
<b>CONVERSION</b>								
Number reporting.....	36,610,744	21,176,969	7,916,303	7,517,572	100.0	100.0	100.0	100.0
In nonconverted structures.....	33,207,629	18,591,580	7,325,871	7,290,408	90.7	87.8	92.5	97.0
In converted structures.....	3,403,115	2,585,419	590,532	227,164	9.3	12.2	7.5	3.0
Converted to different number of units.....	2,940,377	2,352,425	410,886	177,067	8.0	11.1	6.2	2.4
Converted from nonresidential.....	462,738	232,994	179,647	50,097	1.3	1.1	2.3	.7
<b>YEAR BUILT</b>								
Number reporting.....	34,644,339	19,747,848	7,582,641	7,333,850	100.0	100.0	100.0	100.0
1935 to 1940.....	3,190,264	1,215,295	1,256,282	718,687	9.2	6.2	16.6	9.8
1930 to 1934.....	2,337,632	977,927	788,711	571,194	6.7	5.0	10.4	7.8
1925 to 1929.....	4,554,531	3,032,741	954,618	567,172	13.1	15.4	12.6	7.7
1920 to 1924.....	3,900,733	2,455,596	809,950	635,177	11.4	12.4	10.7	9.5
1910 to 1919.....	6,445,480	3,784,521	1,224,220	1,436,739	18.6	19.2	16.1	19.6
1900 to 1909.....	6,116,557	3,731,590	1,064,594	1,320,373	17.6	18.9	14.0	18.0
1890 to 1899.....	3,563,847	2,221,775	581,735	760,317	10.3	11.3	7.7	10.4
1880 to 1889.....	1,952,257	1,149,558	341,977	460,722	5.6	5.8	4.5	6.3
1870 to 1879.....	1,535,297	801,704	304,769	428,825	4.4	4.1	4.0	5.8
1850 or earlier.....	1,007,541	377,141	255,756	374,644	2.9	1.9	3.4	5.1
Median age (years) <sup>2</sup> .....	25.4	26.1	20.2	28.1				
<b>NUMBER OF ROOMS</b>								
Number reporting.....	36,822,184	21,339,426	7,951,314	7,541,444	100.0	100.0	100.0	100.0
1 room.....	1,307,344	760,796	341,918	204,630	3.5	3.6	4.3	2.7
2 rooms.....	3,215,423	1,710,499	793,056	711,869	8.7	8.0	10.0	9.4
3 rooms.....	5,331,572	3,104,302	1,107,032	1,120,238	14.5	14.5	13.9	14.9
4 rooms.....	6,891,990	3,815,290	1,598,730	1,507,970	18.7	17.9	19.7	20.0
5 rooms.....	7,362,053	4,648,797	1,503,558	1,149,700	19.8	21.8	18.9	15.2
6 rooms.....	6,321,630	4,001,850	1,252,022	1,067,758	17.2	18.8	15.7	14.2
7 rooms.....	2,868,719	1,559,344	632,364	677,011	7.8	7.3	8.0	9.0
8 rooms.....	1,886,121	916,878	406,534	562,709	5.1	4.3	5.1	7.5
9 rooms.....	737,986	349,386	151,055	237,545	2.0	1.6	1.9	3.1
10 rooms.....	481,339	228,027	97,582	155,730	1.3	1.1	1.2	2.1
11 rooms or more.....	488,009	244,282	97,466	146,261	1.3	1.1	1.2	1.9
Median number of rooms <sup>3</sup> .....	4.73	4.78	4.61	4.70				
<b>STATE OF REPAIR AND PLUMBING EQUIPMENT</b>								
Number reporting.....	35,036,442	20,062,571	7,659,437	7,303,434	100.0	100.0	100.0	100.0
Not needing major repairs.....	28,612,715	17,764,651	6,022,946	4,825,068	81.7	88.5	78.6	66.1
With private bath and private flush toilet.....	17,793,341	14,827,960	2,767,351	698,030	50.8	71.4	36.1	9.6
With private flush toilet, no private bath.....	1,165,664	912,687	221,326	31,641	3.3	4.5	2.9	.4
With running water, no private flush toilet.....	2,814,281	1,688,425	785,804	370,032	8.0	8.4	9.9	5.1
No running water in dwelling unit.....	6,839,459	835,609	2,278,465	3,725,385	19.5	4.2	29.7	51.0
Needing major repairs.....	6,413,727	3,298,890	1,636,491	2,478,346	18.2	11.5	21.4	33.9
With private bath and private flush toilet.....	1,381,003	1,061,711	342,804	76,488	3.9	5.3	3.2	1.0
With private flush toilet, no private bath.....	236,125	283,157	46,659	6,308	1.0	1.4	.6	.1
With running water, no private flush toilet.....	611,910	473,416	229,159	109,335	2.3	2.4	3.0	1.5
No running water in dwelling unit.....	3,684,889	480,606	1,117,869	2,286,214	11.1	2.4	14.6	31.3
<b>LIGHTING EQUIPMENT</b>								
Number reporting.....	36,744,763	21,263,386	7,960,576	7,512,796	100.0	100.0	100.0	100.0
Electric.....	28,915,487	20,379,352	6,185,090	2,351,045	78.7	95.8	77.8	31.2
Gas.....	207,922	64,066	54,422	99,412	.6	.3	.7	1.3
Kerosene or gasoline.....	7,409,732	814,645	1,658,679	4,936,408	20.2	3.9	20.9	65.7
Other.....	212,621	35,303	59,387	125,931	.6	.2	.7	1.7

<sup>1</sup> Less than one-tenth of 1 percent.<sup>2</sup> For definition of median, see headnote, table 910.

Source: Dept. of Comm., Bur. of Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.



**No. 914.—DWELLING UNITS, URBAN AND RURAL—OCCUPIED UNITS BY PERSONS PER ROOM, FACILITIES AND EQUIPMENT AND MORTGAGE STATUS: 1940**

SUBJECT	NUMBER				PERCENT DISTRIBUTION			
	Total	Urban	Rural-nonfarm	Rural-farm	Total	Urban	Rural-nonfarm	Rural-farm
<b>All occupied dwelling units</b> .....	34,854,532	20,596,500	7,161,473	7,106,559				
<b>PERSONS PER ROOM</b>								
Number reporting.....	34,447,032	20,384,831	7,064,895	7,017,254	100.0	100.0	100.0	100.0
0.50 or less.....	10,845,471	6,300,766	2,357,836	2,061,665	31.5	31.4	33.8	29.4
0.51 to 0.75.....	8,063,070	5,235,872	1,478,639	1,348,559	23.4	25.7	20.9	19.2
0.76 to 1.00.....	8,572,597	5,502,614	1,595,885	1,474,008	24.9	27.0	22.6	21.0
1.01 to 1.50.....	3,878,972	2,058,966	618,678	1,004,298	11.3	10.1	11.5	14.3
1.51 to 2.00.....	1,951,904	846,888	468,075	636,941	5.7	4.2	6.6	9.1
2.01 or more.....	1,134,018	323,745	318,790	491,493	3.3	1.6	4.5	7.0
<b>RADIO</b>								
Number reporting.....	33,896,506	20,016,614	4,969,453	4,911,637	100.0	100.0	100.0	100.0
With radio.....	28,048,219	18,366,121	5,502,730	4,166,366	82.8	91.9	79.0	60.2
No radio.....	5,842,287	1,623,893	1,466,723	2,751,669	17.2	8.1	21.0	39.8
<b>REFRIGERATION EQUIPMENT</b>								
Number reporting.....	34,206,414	20,253,089	7,016,133	4,934,212	100.0	100.0	100.0	100.0
Mechanical.....	15,093,346	11,339,901	2,718,532	1,034,913	44.1	56.0	38.7	14.9
Ice.....	9,253,063	6,390,522	1,613,169	1,244,372	27.1	31.6	23.0	17.9
Other.....	494,421	113,870	108,110	272,441	1.4	.6	1.5	4.0
None.....	9,304,584	2,403,716	2,579,382	4,381,486	27.4	11.9	36.8	63.2
<b>COOKING FUEL</b>								
Number reporting.....	34,342,311	20,296,589	7,066,578	7,061,145	100.0	100.0	100.0	100.0
Coal or coke.....	3,961,650	1,627,369	1,348,298	985,883	11.6	8.0	19.1	14.1
Wood.....	8,101,610	1,221,116	2,013,147	4,867,345	23.6	8.0	28.6	69.5
Gas.....	16,778,077	14,818,814	1,691,570	265,693	48.8	73.0	24.0	3.8
Electricity.....	1,837,503	1,038,295	613,180	186,019	5.4	5.1	8.7	2.7
Kerosene or gasoline.....	3,343,936	1,399,900	1,314,246	629,790	9.7	6.9	18.6	9.0
Other.....	178,728	82,469	39,276	56,983	.5	.4	.6	.8
None.....	142,907	102,623	30,852	9,432	.4	.5	.4	.1
<b>HEATING EQUIPMENT</b>								
Number reporting.....	34,146,065	20,196,303	7,004,175	6,954,587	100.0	100.0	100.0	100.0
With central heating.....	14,346,835	11,749,895	1,893,194	704,046	42.0	58.2	27.0	10.1
Steam or hot water system.....	7,427,754	6,619,331	669,217	139,206	21.8	32.8	9.6	2.0
Piped warm air system.....	5,725,304	4,472,616	878,064	374,714	16.8	22.2	12.5	5.4
Pipeless warm air furnace.....	1,198,687	657,648	345,913	190,126	3.5	3.3	4.9	2.7
Without central heating.....	19,802,230	8,446,708	5,110,981	6,250,541	58.0	41.8	73.0	89.9
Heating stove.....	15,928,328	7,061,478	4,286,929	4,559,916	48.6	35.1	61.2	65.6
Other or none.....	3,873,907	1,369,230	824,052	1,690,626	11.3	6.7	11.8	24.3
<b>HEATING FUEL BY CENTRAL HEATING</b>								
Reporting heating equipment.....	34,146,065	20,196,303	7,004,175	6,954,587	100.0	100.0	100.0	100.0
With central heating:								
Coal or coke.....	10,903,163	8,971,473	1,442,636	489,154	31.9	44.4	20.6	7.0
Wood.....	373,322	119,544	82,665	171,113	1.1	.6	1.2	2.5
Gas.....	1,109,587	983,683	114,239	11,665	3.2	4.9	1.6	.2
Fuel oil.....	1,687,737	1,426,186	231,755	27,794	4.9	7.1	3.3	.4
Other.....	78,216	66,063	9,621	2,511	.2	.3	.1	(1)
Not reporting fuel.....	194,811	180,624	12,378	1,809	.6	.9	.2	(1)
Without central heating:								
Coal or coke.....	7,622,427	3,850,639	2,289,734	1,483,054	22.3	19.1	32.7	21.3
Wood.....	7,362,156	1,003,340	1,837,164	4,461,661	21.6	5.3	26.2	64.2
Gas.....	2,726,381	2,139,792	484,962	103,627	8.0	10.6	6.9	1.5
Fuel oil.....	1,220,243	830,740	286,691	102,812	3.6	4.1	4.1	1.5
Kerosene or gasoline.....	496,479	333,629	197,788	45,062	1.4	1.7	1.5	.6
Other.....	50,022	27,617	12,405	10,000	.1	.1	.2	.1
None.....	362,648	181,466	71,196	29,986	.8	.8	1.0	.4
Not reporting fuel.....	69,875	33,485	22,061	14,389	.2	.2	.3	.2
<b>MORTGAGE STATUS</b>								
Owner-occupied nonfarm units.....	11,413,036	7,714,960	3,698,076					
Reporting mortgage status <sup>1</sup> .....	10,611,259	7,275,576	3,335,683		100.0	100.0	100.0	
Mortgaged.....	4,804,778	3,682,839	1,121,939		45.3	50.6	33.6	
Free of mortgage.....	5,806,481	3,592,737	2,213,744		54.7	49.4	66.4	
<b>INCLUSION OF FURNITURE IN RENT</b>								
Tenant-occupied nonfarm units.....	16,334,937	12,881,640	3,453,397					
Number reporting.....	14,680,168	11,784,896	2,896,573		100.0	100.0	100.0	
Furniture included in contract rent.....	1,850,901	1,634,304	216,597		12.6	13.9	7.5	
Furniture not included.....	12,829,267	10,150,591	2,679,976		87.4	86.1	92.5	

<sup>1</sup> Less than one tenth of 1 percent.

<sup>2</sup> Mortgage data are limited to owner-occupied nonfarm units in structures without business and containing not more than 4 dwelling units.

Source: Dept. of Commerce, Bureau of Census; Sixteenth Census Reports, Housing, Vol. II, Part V.

**No. 915.—DWELLING UNITS, URBAN AND RURAL—UNITS WITH PRIVATE BATHTUB OR SHOWER IN STRUCTURE, BY STATES: 1940**

[Excludes units not reporting on bathing equipment. For total number of dwelling units, see table 904]

DIVISION AND STATE	Reporting on bathing equipment	DWELLING UNITS WITH PRIVATE BATHTUB OR SHOWER IN STRUCTURE							
		Total		Urban		Rural-nonfarm		Rural-farm	
		Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
<b>United States</b> .....	<b>35,649,451</b>	<b>29,696,356</b>	<b>83.2</b>	<b>16,504,350</b>	<b>77.5</b>	<b>3,230,249</b>	<b>48.8</b>	<b>890,787</b>	<b>11.8</b>
<b>New England</b> .....	<b>2,396,209</b>	<b>1,818,584</b>	<b>75.9</b>	<b>1,466,194</b>	<b>80.4</b>	<b>299,667</b>	<b>58.3</b>	<b>52,643</b>	<b>29.2</b>
Maine.....	254,142	117,203	46.1	63,958	68.5	45,584	30.0	7,681	17.4
New Hampshire.....	154,387	95,254	61.7	60,747	77.5	28,061	49.0	6,446	34.5
Vermont.....	104,985	62,290	59.3	28,589	85.9	23,036	54.5	9,954	35.3
Massachusetts.....	1,200,588	997,043	83.0	899,080	89.3	84,425	63.6	18,538	53.1
Rhode Island.....	202,003	154,237	76.3	142,518	79.2	10,553	55.1	1,154	40.1
Connecticut.....	480,124	392,478	81.7	271,202	87.6	107,406	74.4	18,670	53.0
<b>Middle Atlantic</b> .....	<b>7,734,615</b>	<b>5,960,678</b>	<b>77.0</b>	<b>5,079,253</b>	<b>88.1</b>	<b>758,968</b>	<b>54.8</b>	<b>124,457</b>	<b>27.4</b>
New York.....	3,952,462	3,324,428	84.1	2,918,304	90.8	345,291	64.5	60,833	30.1
New Jersey.....	1,202,220	985,257	82.0	818,950	86.6	150,073	67.7	—	—
Pennsylvania.....	2,581,933	1,650,993	63.9	1,341,999	77.1	261,604	41.9	47,390	21.9
<b>East North Central</b> .....	<b>7,576,107</b>	<b>4,549,543</b>	<b>60.1</b>	<b>3,874,851</b>	<b>78.2</b>	<b>506,368</b>	<b>35.5</b>	<b>167,712</b>	<b>14.1</b>
Ohio.....	1,953,936	1,223,344	62.7	1,045,081	79.3	134,447	37.3	45,816	15.6
Indiana.....	989,150	461,119	46.6	367,534	67.1	67,294	30.1	26,241	12.0
Illinois.....	2,249,066	1,454,428	64.7	1,310,533	78.6	110,104	33.6	33,791	13.3
Michigan.....	1,497,488	946,550	63.2	786,871	82.0	122,801	38.9	37,387	16.0
Wisconsin.....	886,547	462,093	52.1	365,282	77.3	72,334	35.8	24,477	11.5
<b>West North Central</b> .....	<b>3,851,671</b>	<b>1,525,220</b>	<b>42.2</b>	<b>1,218,918</b>	<b>69.8</b>	<b>294,164</b>	<b>58.4</b>	<b>112,136</b>	<b>9.2</b>
Minnesota.....	761,117	353,517	46.4	287,669	73.7	49,275	31.4	16,553	7.7
Iowa.....	715,068	307,571	43.0	208,800	65.8	63,585	38.3	35,686	15.4
Missouri.....	1,121,458	492,930	44.0	412,133	68.5	66,421	30.8	14,376	4.7
North Dakota.....	159,516	33,066	20.7	21,412	61.9	9,234	19.1	2,420	3.2
South Dakota.....	176,092	46,587	26.5	27,683	62.1	14,737	28.4	4,167	5.2
Nebraska.....	382,348	168,215	44.0	109,366	72.1	39,619	42.4	19,230	14.0
Kansas.....	536,072	223,334	41.7	152,335	65.8	51,295	38.4	19,794	11.6
<b>South Atlantic</b> .....	<b>4,437,337</b>	<b>1,696,228</b>	<b>38.2</b>	<b>1,225,641</b>	<b>64.8</b>	<b>289,744</b>	<b>31.6</b>	<b>82,842</b>	<b>6.3</b>
Delaware.....	74,522	45,330	60.8	39,997	76.7	14,204	67.8	2,129	17.6
Maryland.....	488,396	307,141	62.9	223,234	78.6	71,494	61.2	12,413	21.7
District of Columbia.....	182,284	150,406	82.5	150,406	82.5	—	—	—	—
Virginia.....	645,880	233,422	36.1	158,373	63.7	56,191	31.1	18,868	8.7
West Virginia.....	448,257	100,555	35.8	107,165	75.6	46,588	24.0	6,802	6.1
North Carolina.....	793,748	195,638	24.6	125,162	51.9	56,706	25.8	13,770	4.1
South Carolina.....	449,125	97,490	21.7	56,036	44.9	33,969	26.2	7,485	3.8
Georgia.....	776,426	191,036	24.6	136,934	47.0	44,229	25.3	9,573	3.2
Florida.....	578,609	317,210	54.8	239,334	72.2	66,363	38.9	11,512	15.0
<b>East South Central</b> .....	<b>2,671,630</b>	<b>596,106</b>	<b>22.4</b>	<b>439,730</b>	<b>60.4</b>	<b>124,438</b>	<b>20.9</b>	<b>33,940</b>	<b>2.8</b>
Kentucky.....	713,651	194,320	27.2	147,622	60.4	38,105	20.8	8,593	3.0
Tennessee.....	726,268	183,169	25.2	137,549	49.2	34,804	22.5	10,816	3.7
Alabama.....	689,589	141,716	20.6	104,778	46.0	30,161	18.8	6,777	2.2
Mississippi.....	542,122	78,903	14.6	49,781	41.3	21,368	22.1	7,764	2.4
<b>West South Central</b> .....	<b>3,518,283</b>	<b>1,242,691</b>	<b>35.3</b>	<b>921,207</b>	<b>61.8</b>	<b>233,423</b>	<b>30.3</b>	<b>87,961</b>	<b>7.9</b>
Arkansas.....	506,425	88,486	17.5	65,077	51.9	18,889	16.3	3,089	1.9
Louisiana.....	608,534	209,015	34.3	162,864	60.7	37,083	26.5	9,066	4.5
Oklahoma.....	630,443	217,757	34.5	169,260	64.2	36,940	26.0	11,557	5.1
Texas.....	1,772,981	727,434	41.0	524,106	62.9	141,029	37.5	62,309	11.1
<b>Mountain</b> .....	<b>1,215,807</b>	<b>546,349</b>	<b>44.9</b>	<b>368,628</b>	<b>78.1</b>	<b>134,674</b>	<b>34.9</b>	<b>43,447</b>	<b>14.3</b>
Montana.....	174,722	68,352	38.0	44,784	67.5	16,787	30.4	4,781	9.0
Idaho.....	149,948	59,896	39.9	35,047	67.6	15,305	34.0	9,544	16.0
Wyoming.....	75,601	31,641	41.9	20,407	71.0	8,968	35.9	2,266	10.3
Colorado.....	347,085	168,795	47.9	128,371	70.3	31,284	33.1	9,140	12.4
New Mexico.....	142,026	40,449	28.5	26,876	55.7	9,706	19.9	3,808	8.6
Arizona.....	144,054	70,070	48.6	36,840	70.9	27,383	45.3	5,847	18.6
Utah.....	145,773	90,328	62.0	66,637	78.9	17,018	43.3	6,653	30.3
Nevada.....	35,696	20,818	58.2	11,047	82.1	8,423	47.7	1,348	29.3
<b>Pacific</b> .....	<b>3,245,722</b>	<b>2,567,055</b>	<b>79.1</b>	<b>1,911,428</b>	<b>88.7</b>	<b>479,369</b>	<b>64.4</b>	<b>175,648</b>	<b>47.7</b>
Washington.....	580,424	382,562	66.0	257,184	81.1	68,972	54.7	26,726	30.4
Oregon.....	363,890	230,583	63.5	150,126	82.9	53,830	62.4	26,627	33.5
California.....	2,301,908	1,953,900	84.9	1,504,118	90.8	337,187	78.7	112,295	59.8

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

**No. 916.—DWELLING UNITS, URBAN AND RURAL—MEDIAN NUMBER OF ROOMS, RADIO, AND MORTGAGE STATUS OF OWNER-OCCUPIED NONFARM UNITS, BY STATES: 1940**

(Radio and mortgage status data exclude units not reporting on given subject)

DIVISION AND STATE	MEDIAN NUMBER OF ROOMS <sup>1</sup>				RADIO			MORTGAGE STATUS <sup>2</sup>		
	All dwelling units	Urban	Rural non-farm	Rural-farm	Occupied units reporting	With radio		Owner-occupied nonfarm units reporting	Mortgaged	
						Number	Per cent		Number	Per cent
<b>United States</b>	4.73	4.78	4.61	4.70	33,890,506	23,048,219	82.8	10,611,289	4,804,778	45.3
<b>New England</b>	5.38	5.23	5.67	7.09	2,140,980	2,020,228	94.4	760,509	437,967	57.6
Maine	5.68	5.49	5.46	6.85	213,204	184,348	86.5	82,833	24,935	30.1
New Hampshire	5.63	5.35	5.62	7.26	129,758	116,809	90.0	50,669	20,703	40.6
Vermont	6.27	5.66	6.06	7.67	90,500	80,253	88.6	29,625	11,931	40.3
Massachusetts	5.87	5.31	5.71	6.89	1,066,623	1,044,830	96.2	380,030	238,890	62.9
Rhode Island	5.18	5.13	5.68	7.10	184,661	176,739	95.7	64,316	37,764	58.7
Connecticut	5.18	4.94	5.68	6.93	436,166	417,299	95.7	163,036	103,774	67.8
<b>Middle Atlantic</b>	5.21	4.96	5.64	7.17	7,065,910	6,672,007	94.4	2,234,904	1,162,623	52.0
New York	4.80	4.49	5.81	7.69	3,544,098	3,385,630	95.5	909,145	565,045	62.2
New Jersey	5.27	5.17	5.53	6.87	1,068,700	1,020,466	95.5	383,899	212,979	55.5
Pennsylvania	5.73	5.68	5.57	6.82	2,453,103	2,266,921	92.4	941,860	284,569	40.8
<b>East North Central</b>	5.18	5.03	5.04	6.26	7,093,545	6,513,457	91.7	2,645,649	1,258,961	47.3
Ohio	5.44	5.26	5.34	6.53	1,862,318	1,697,672	91.7	731,918	363,523	49.7
Indiana	5.06	4.92	4.87	5.90	937,048	826,604	88.2	348,916	163,899	47.0
Illinois	4.88	4.71	4.83	5.96	2,139,025	1,974,604	92.3	704,885	314,296	44.6
Michigan	5.34	5.26	5.08	6.40	1,361,921	1,271,499	93.4	574,590	284,829	49.6
Wisconsin	5.39	5.21	5.04	6.56	810,433	748,078	91.7	285,340	124,482	43.6
<b>West North Central</b>	4.93	4.67	4.80	5.58	3,594,241	3,074,918	85.6	1,119,281	424,945	38.0
Minnesota	5.03	4.84	4.65	5.86	709,978	647,499	91.2	250,528	102,790	41.0
Iowa	5.67	5.06	5.58	6.64	683,974	617,008	90.2	232,424	77,369	33.3
Missouri	4.26	4.14	4.23	4.44	1,042,463	832,590	79.9	287,784	129,805	45.1
North Dakota	4.72	4.16	4.52	5.10	148,179	131,000	88.4	34,668	9,574	27.6
South Dakota	5.06	4.61	4.73	6.66	160,894	136,049	84.6	38,008	11,084	29.2
Nebraska	5.23	4.90	5.12	5.86	352,682	296,720	84.7	108,879	38,476	35.3
Kansas	5.00	4.78	4.84	5.57	466,101	411,984	88.1	166,960	65,847	39.4
<b>South Atlantic</b>	4.41	4.51	4.29	4.41	4,180,615	2,740,481	64.0	1,021,506	399,517	39.1
Delaware	5.79	5.76	5.68	6.20	68,870	59,921	87.0	24,809	12,646	50.9
Maryland	5.56	5.54	5.36	6.17	449,900	388,888	86.4	173,580	76,250	43.9
Dist. of Col.	4.29	4.29	4.29	4.29	169,102	158,377	93.7	50,151	32,511	64.8
Virginia	4.83	4.81	4.62	5.08	610,878	409,978	67.1	180,085	82,511	45.8
West Virginia	4.60	5.02	4.21	4.98	434,388	326,347	75.1	104,232	33,609	32.2
North Carolina	4.41	4.40	4.30	4.49	764,144	471,863	61.8	147,613	65,589	44.4
South Carolina	3.99	3.77	3.89	4.12	422,363	209,542	49.6	62,146	22,323	35.9
Georgia	3.85	3.69	3.82	3.95	726,999	381,668	52.5	126,431	46,134	36.8
Florida	4.19	4.39	3.87	4.13	504,011	326,447	64.8	173,401	59,592	34.4
<b>West South Central</b>	3.81	3.86	3.89	3.79	2,841,507	1,404,433	55.3	470,255	187,854	39.9
Kentucky	4.05	4.06	3.97	4.11	680,066	444,416	65.3	145,092	50,842	34.9
Tennessee	3.92	3.91	3.96	3.91	695,362	434,733	62.5	147,468	49,934	33.9
Alabama	3.65	3.71	3.68	3.66	660,710	321,671	49.4	106,717	36,892	33.9
Mississippi	3.65	3.44	3.48	3.60	515,369	206,613	39.9	68,388	19,886	29.1
<b>West South Central</b>	3.82	4.02	3.66	3.76	3,279,640	2,048,429	62.5	840,386	281,539	33.5
Arkansas	3.68	4.06	3.69	3.60	480,935	244,586	50.9	82,118	21,722	26.5
Louisiana	3.74	3.92	3.60	3.64	577,965	307,883	53.3	135,915	44,273	32.6
Oklahoma	3.88	4.22	3.69	3.71	589,919	405,754	68.8	158,410	68,562	43.0
Texas	3.88	3.99	3.69	3.89	1,630,801	1,090,206	66.9	463,957	156,992	33.8
<b>Mountain</b>	3.77	4.06	3.42	3.73	1,088,366	676,634	60.5	376,467	132,648	35.0
Montana	3.73	3.84	3.48	3.73	186,024	134,503	72.3	49,206	12,969	26.4
Idaho	3.91	4.00	3.60	4.15	137,521	118,824	86.4	45,271	15,077	33.3
Wyoming	3.65	3.86	3.47	3.59	67,667	57,126	84.4	20,819	8,306	39.9
Colorado	4.11	4.39	3.65	4.12	306,824	258,573	84.5	106,216	42,424	39.9
New Mexico	3.06	3.42	2.83	2.95	125,134	66,009	53.2	40,471	9,066	22.4
Arizona	3.19	3.81	3.09	1.98	127,250	87,781	69.0	42,098	18,020	42.7
Utah	4.13	4.27	3.88	4.09	136,747	126,416	92.4	63,347	26,764	42.2
Nevada	3.58	3.76	3.80	4.06	82,178	26,200	31.4	11,064	3,023	27.3
<b>Pacific</b>	4.37	4.48	4.03	4.61	2,929,403	2,696,222	92.0	1,140,381	567,044	49.3
Washington	4.33	4.42	4.00	4.70	521,777	472,553	90.6	223,314	98,375	44.0
Oregon	4.56	4.72	4.09	4.61	327,806	290,641	88.7	126,312	53,822	42.6
California	4.25	4.45	4.03	4.48	2,079,820	1,933,028	92.9	790,678	404,907	51.2

<sup>1</sup> For definition of median, see headnote, table 910.

<sup>2</sup> Mortgage data are limited to owner-occupied nonfarm units in structures without business and containing not more than 4 dwelling units, percent represents percent of reporting owner-occupied units which were mortgaged. For number of owner-occupied urban and rural-nonfarm units, see table 907.

Source: Dept. of Comm., Bur. of Census; Sixteenth Census Reports, Housing, Vol. II, Part I.

**No. 917.—DWELLING UNITS, URBAN AND RURAL—OCCUPIED UNITS WITH 1.51 OR MORE PERSONS PER ROOM, BY STATES: 1940**

[Excludes units not reporting on number of persons per room. For total number of occupied units, see table 904]

DIVISION AND STATE	Reporting on persons per room	OCCUPIED UNITS WITH 1.51 OR MORE PERSONS PER ROOM							
		Total		Urban		Rural-non- farm		Rural-farm	
		Number	Per- cent	Number	Per- cent	Number	Per- cent	Number	Per- cent
<b>United States.....</b>	<b>34,447,032</b>	<b>3,085,922</b>	<b>9.0</b>	<b>1,170,533</b>	<b>5.7</b>	<b>784,885</b>	<b>11.1</b>	<b>1,128,494</b>	<b>14.1</b>
<b>New England.....</b>	<b>2,172,732</b>	<b>69,029</b>	<b>3.2</b>	<b>50,897</b>	<b>3.1</b>	<b>14,038</b>	<b>3.4</b>	<b>4,103</b>	<b>3.2</b>
Maine.....	215,798	11,037	5.1	3,073	3.5	6,040	6.8	1,924	4.9
New Hampshire.....	131,287	4,297	3.3	3,112	2.9	1,767	4.3	428	2.7
Vermont.....	91,428	2,541	2.8	734	2.3	1,244	3.6	563	2.3
Massachusetts.....	1,105,354	29,787	2.7	27,121	2.7	2,100	2.3	568	2.4
Rhode Island.....	186,085	6,572	3.5	6,209	3.7	301	2.2	62	2.4
Connecticut.....	442,780	14,798	3.3	11,648	3.9	2,588	2.2	550	2.4
<b>Middle Atlantic.....</b>	<b>7,193,719</b>	<b>272,019</b>	<b>3.8</b>	<b>209,270</b>	<b>3.7</b>	<b>50,779</b>	<b>4.3</b>	<b>11,961</b>	<b>2.8</b>
New York.....	3,615,727	120,331	3.3	109,205	3.6	8,486	2.0	2,541	1.5
New Jersey.....	1,086,639	33,380	3.1	28,338	3.2	4,121	2.5	921	2.6
Pennsylvania.....	2,491,353	118,299	4.7	71,727	4.2	38,173	6.5	8,399	4.1
<b>East North Central.....</b>	<b>7,206,077</b>	<b>342,022</b>	<b>4.7</b>	<b>202,097</b>	<b>4.2</b>	<b>80,380</b>	<b>6.4</b>	<b>59,545</b>	<b>5.2</b>
Ohio.....	1,890,099	79,132	4.2	49,238	3.8	19,230	5.7	10,664	4.0
Indiana.....	950,905	53,083	5.6	26,260	4.9	14,095	7.2	12,129	5.8
Illinois.....	2,172,101	120,011	5.5	84,265	5.2	21,698	7.1	14,050	5.7
Michigan.....	1,383,109	56,676	4.1	29,309	3.2	16,089	6.4	11,278	5.2
Wisconsin.....	819,863	33,120	4.0	13,025	2.8	8,570	5.4	11,425	5.7
<b>West North Central.....</b>	<b>3,546,854</b>	<b>277,654</b>	<b>7.8</b>	<b>109,964</b>	<b>5.5</b>	<b>67,961</b>	<b>8.4</b>	<b>99,709</b>	<b>8.7</b>
Minnesota.....	720,426	48,333	6.7	18,697	4.9	11,257	8.4	18,379	8.9
Iowa.....	693,860	30,456	4.4	15,663	5.1	7,598	5.0	6,895	3.1
Missouri.....	1,058,293	111,419	10.5	46,570	8.2	22,956	11.3	41,893	14.6
North Dakota.....	150,007	20,409	13.6	3,942	11.8	5,949	12.8	10,519	15.0
South Dakota.....	162,950	16,739	9.7	3,513	8.2	5,305	10.9	6,921	9.7
Nebraska.....	357,331	21,519	6.0	8,857	6.1	6,090	6.9	—	5.3
Kansas.....	505,187	29,779	5.9	12,742	5.7	8,516	6.7	8,521	5.4
<b>South Atlantic.....</b>	<b>4,324,547</b>	<b>619,727</b>	<b>14.7</b>	<b>169,292</b>	<b>9.4</b>	<b>181,471</b>	<b>15.6</b>	<b>268,964</b>	<b>21.4</b>
Delaware.....	89,801	2,386	3.4	1,127	3.1	768	3.5	493	4.3
Maryland.....	459,377	20,891	4.5	9,773	3.5	7,284	5.9	3,854	7.1
District of Columbia.....	170,800	14,579	8.5	14,579	8.5	—	—	—	—
Virginia.....	621,217	77,187	12.4	16,321	6.8	24,558	14.2	36,308	17.5
West Virginia.....	440,099	68,759	15.2	9,514	6.9	35,773	18.7	21,472	19.5
North Carolina.....	778,285	138,596	17.8	29,109	11.9	35,906	15.7	74,581	22.8
South Carolina.....	430,403	91,973	21.4	21,417	17.5	23,424	18.6	47,132	25.7
Georgia.....	741,877	143,466	19.3	44,284	15.5	28,988	17.2	70,214	24.4
Florida.....	512,628	63,890	12.5	24,188	8.3	24,792	16.5	14,910	20.7
<b>East South Central.....</b>	<b>2,586,687</b>	<b>528,464</b>	<b>20.4</b>	<b>113,069</b>	<b>12.3</b>	<b>113,258</b>	<b>19.6</b>	<b>302,017</b>	<b>25.9</b>
Kentucky.....	690,299	125,579	18.2	24,862	10.5	34,646	19.5	66,071	23.9
Tennessee.....	706,731	135,145	19.1	37,222	13.6	28,782	19.1	69,141	24.4
Alabama.....	664,342	161,995	22.9	33,987	15.1	33,470	21.6	84,538	29.7
Mississippi.....	525,315	113,746	21.7	17,018	14.4	16,460	17.5	80,267	25.6
<b>West South Central.....</b>	<b>3,338,541</b>	<b>623,958</b>	<b>18.7</b>	<b>195,426</b>	<b>13.7</b>	<b>144,407</b>	<b>19.6</b>	<b>283,217</b>	<b>24.2</b>
Arkansas.....	489,654	101,391	20.7	14,171	11.6	20,985	19.1	66,235	25.7
Louisiana.....	586,762	110,154	18.8	34,304	13.1	26,121	19.3	49,729	26.1
Oklahoma.....	601,338	114,233	19.0	26,489	11.4	27,929	20.3	57,815	27.1
Texas.....	1,660,787	297,272	17.9	116,462	14.9	69,372	19.5	109,438	21.4
<b>Mountain.....</b>	<b>1,103,542</b>	<b>190,643</b>	<b>17.3</b>	<b>51,519</b>	<b>10.2</b>	<b>73,190</b>	<b>21.6</b>	<b>65,934</b>	<b>24.9</b>
Montana.....	157,317	20,974	13.3	5,157	8.2	7,887	16.1	7,930	17.4
Idaho.....	139,296	22,787	16.4	5,790	11.7	7,883	19.4	9,114	19.6
Wyoming.....	68,434	10,280	15.0	2,533	9.4	3,760	16.7	3,987	21.1
Colorado.....	311,232	37,024	11.9	13,183	7.7	13,455	17.5	10,386	15.7
New Mexico.....	127,186	41,882	32.9	10,340	22.5	15,596	36.8	15,946	41.0
Arizona.....	129,315	35,154	27.2	6,656	13.6	15,484	28.2	13,005	50.0
Utah.....	138,330	18,559	13.4	6,909	8.5	6,761	18.4	4,889	23.9
Nevada.....	32,532	3,983	12.2	942	7.3	2,364	15.3	677	16.5
<b>Pacific.....</b>	<b>2,975,033</b>	<b>165,322</b>	<b>5.6</b>	<b>69,059</b>	<b>3.4</b>	<b>61,379</b>	<b>9.9</b>	<b>34,864</b>	<b>16.4</b>
Washington.....	529,562	37,939	5.3	9,009	3.0	11,085	7.9	7,845	5.5
Oregon.....	232,483	19,376	8.8	5,116	3.0	8,407	9.2	5,852	8.2
California.....	2,112,988	118,009	5.6	54,934	3.5	41,787	10.7	21,288	12.8

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vols. I and II, Part I.

# No. 918.—HOUSING CHARACTERISTICS FOR 34 SELECTED METROPOLITAN DISTRICTS: 1947

[Based on Current Population Survey of April 1947. For discussion of this survey, see p. 176]

METROPOLITAN DISTRICT	All dwelling units	Dwelling units in need of major repairs or without private bath	WITH PRIVATE BATH OR SHOWER IN STRUCTURE		All occupied units	OWNER OCCUPIED		Median contract monthly rent <sup>1</sup>	Vacant, habitable nonseasonal dwelling units for rent or for sale only (as a percent of total dwelling units)
			Number	Percent		Number	Percent		
Akron, Ohio	120,267	24,790	101,861	85	118,400	51,326	60	\$33	0.3
Allentown-Bethlehem-Easton, Pa.	94,240	21,824	72,830	77	92,411	53,351	58	27	.2
Atlanta, Ga.	138,867	45,879	97,457	70	136,899	60,748	49	20	.4
Baltimore, Md.	364,929	75,190	305,807	84	354,626	180,250	51	34	.7
Birmingham, Ala.	138,282	67,200	74,176	54	135,356	66,614	49	16	.9
Boston, Mass.	732,000	66,150	678,000	93	710,550	300,375	42	32	6
Chicago, Ill.	1,344,426	144,760	1,220,065	91	1,234,025	515,900	39	38	2
Columbus, Ohio	126,196	24,190	109,903	87	123,697	64,493	52	33	.6
Dallas, Tex.	147,444	35,268	119,812	81	144,276	80,900	56	29	.7
Denver, Colo.	147,796	31,856	117,824	80	145,508	77,616	53	32	1.0
Detroit, Mich.	765,124	83,094	704,443	92	750,182	403,634	54	37	6
Los Angeles, Calif.	1,273,500	106,125	1,183,875	93	1,236,000	654,375	53	35	.8
Lowell-Lawrence-Haverhill, Mass.	102,363	15,283	88,226	86	98,487	43,214	44	24	.3
Memphis, Tenn.	114,142	50,840	68,045	60	111,383	50,716	46	20	1.0
Minneapolis-St. Paul, Minn.	294,667	62,062	242,424	82	286,741	168,623	59	33	.2
New Haven, Conn.	102,331	6,758	97,154	95	97,340	50,230	52	27	.3
New Orleans, La.	170,968	42,000	140,448	82	167,440	55,552	33	21	4
New York-Northeastern New Jersey	3,706,911	396,640	3,454,416	93	3,600,891	1,103,967	31	39	2
Norfolk-Portsmouth-Newport News, Va.	139,026	32,383	110,873	80	123,292	54,191	41	31	2.0
Philadelphia, Pa.	955,644	108,834	885,222	93	939,057	559,011	60	31	.7
Pittsburgh, Pa.	567,077	182,397	406,359	72	556,645	284,435	51	29	.5
Portland, Oreg.	185,201	25,075	163,194	88	179,478	112,690	63	33	1.9
Rochester, N. Y.	136,325	12,997	128,084	94	133,414	76,055	57	35	5
St. Louis, Mo.	470,316	131,978	356,510	76	461,846	215,292	47	24	.5
Salt Lake City, Utah	69,762	7,518	63,525	91	68,061	43,506	64	34	.5
San Antonio, Tex.	116,416	31,626	87,006	75	112,778	68,204	60	28	1.3
San Francisco-Oakland, Calif.	661,158	36,018	633,834	96	646,875	314,019	49	26	.6
Scranton-Wilkes-Barre, Pa.	148,802	30,040	116,419	78	145,324	71,910	49	23	6
Seattle, Wash.	202,462	21,694	181,170	90	194,370	120,714	62	35	1.6
Toledo, Ohio	110,976	15,470	98,702	89	106,864	68,272	63	31	.8
Tulsa, Okla.	66,402	10,800	51,261	77	64,846	38,745	60	29	1.3
Washington, D. C.	360,966	45,050	315,350	90	343,440	135,892	40	60	.3
Worcester, Mass.	82,670	8,787	75,603	92	80,852	38,135	47	27	.3
Youngstown, Ohio	100,657	18,879	85,157	85	99,355	57,094	68	31	.2

<sup>1</sup> Data are for nonfarm tenant-occupied units only. For definition of median, see headnote, table 910.

Source: Department of Commerce, Bureau of the Census; Current Population Report, Housing, Series P-71, Numbers 1 to 35.

No. 919.—HOUSING CHARACTERISTICS FOR SELECTED METROPOLITAN DISTRICTS:  
1940

[For metropolitan districts having a central city of 100,000 or more or a gross population of 150,000 or more. Monthly rental data exclude rural-farm dwelling units. See Cities Supplement to Statistical Abstract for summary statistics for specific cities.]

METROPOLITAN DISTRICT	All dwelling units	Median contract or estimated monthly rent <sup>1</sup>	BATHING EQUIPMENT			All occupied units	OWNER OCCUPIED		OCCUPIED BY NONWHITE	
			Number reporting	With private bathtub or shower in structure			Number	Per cent	Number	Per cent
				Number	Per cent					
Akron, Ohio.....	97,057	\$26.31	96,033	75,214	78.3	94,924	49,840	52.5	3,487	3.7
Albany - Schenectady-Troy, N. Y.....	129,464	27.52	128,065	103,439	80.8	122,327	50,574	41.3	1,467	1.2
Allentown - Bethlehem-Easton, Pa.....	85,923	25.10	85,033	57,637	67.8	83,639	36,675	43.9	484	.6
Atlanta, Ga.....	121,441	18.74	119,999	67,452	56.2	117,384	38,211	32.6	34,150	29.1
Baltimore, Md.....	289,060	27.63	283,901	215,888	76.0	271,679	117,967	43.4	43,271	15.9
Birmingham, Ala.....	109,211	13.48	107,046	49,185	45.9	106,495	35,057	32.9	44,461	41.7
Boston, Mass.....	651,192	32.33	640,184	563,915	88.1	606,279	219,192	36.2	11,529	1.9
Bridgeport, Conn.....	60,301	29.77	59,143	49,678	84.0	57,478	21,511	37.4	1,147	2.0
Buffalo-Niagara, N. Y.....	233,963	28.63	231,819	197,729	85.3	224,969	84,655	37.6	5,849	2.6
Canton, Ohio.....	54,307	27.54	53,778	42,529	79.1	53,281	28,130	52.8	1,727	3.2
Charlotte, N. C.....	28,329	21.69	27,822	16,450	59.1	27,846	8,317	29.9	6,042	28.9
Chattanooga, Tenn.....	50,300	15.04	49,754	28,100	56.4	48,786	18,292	37.5	10,374	21.3
Chicago, Ill.....	1,284,345	33.39	1,272,840	1,064,793	83.7	1,237,297	374,277	30.2	87,739	7.1
Cincinnati, Ohio.....	241,557	26.49	238,766	164,777	69.0	228,594	92,028	40.3	20,922	9.2
Cleveland, Ohio.....	347,666	31.59	345,994	306,594	88.3	335,885	130,956	39.0	22,302	6.6
Columbus, Ohio.....	103,263	28.98	101,317	82,951	81.9	99,537	41,158	41.3	8,996	9.0
Dallas, Tex.....	114,141	23.74	112,814	79,683	70.6	107,235	41,660	38.8	16,674	15.5
Davenport (Iowa)-Rock Island-Moline (Ill.).....	50,497	29.80	50,040	32,314	64.6	49,530	23,894	48.2	677	1.4
Dayton, Ohio.....	77,166	29.22	76,159	53,015	69.6	75,516	34,306	45.4	5,361	7.1
Denver, Colo.....	119,077	25.63	116,687	83,698	71.7	113,911	47,618	41.8	2,967	2.6
Des Moines, Iowa.....	55,103	25.63	53,933	34,566	64.1	53,264	27,291	51.2	1,856	3.5
Detroit, Mich.....	617,992	33.60	611,394	524,115	85.7	594,688	266,949	44.9	20,455	6.6
Duluth (Minn.)-Superior (Wis.).....	44,908	23.41	44,556	30,643	68.8	43,046	22,006	51.1	208	.5
Erie, Pa.....	36,340	24.60	35,667	29,954	84.0	35,223	14,766	41.9	412	1.2
Fall River-New Bedford, Mass.....	76,591	18.53	74,828	54,817	73.1	72,560	21,435	29.5	1,458	2.0
Flint, Mich.....	51,203	26.74	50,914	33,761	66.3	49,829	28,566	57.3	1,674	3.4
Fort Wayne, Ind.....	38,095	\$29.04	37,623	28,864	75.4	37,132	20,496	55.2	705	1.9
Fort Worth, Tex.....	62,832	18.82	61,838	41,339	66.9	59,633	26,902	45.1	8,362	14.0
Grand Rapids, Mich.....	61,146	23.79	60,420	48,068	79.6	59,204	31,322	52.9	838	1.4
Harrisburg, Pa.....	47,770	28.72	47,261	34,868	73.7	46,378	20,168	43.5	2,668	5.8
Hartford-New Britain, Conn.....	132,848	31.12	130,093	114,566	88.1	129,810	46,748	35.9	2,429	1.9
Houston, Tex.....	149,351	24.04	146,897	102,914	70.3	141,345	57,917	41.0	28,622	20.2
Huntington (W. Va.)-Ashland (Ky.).....	44,797	19.14	44,070	27,596	62.6	43,510	19,021	43.7	1,715	3.9
Indianapolis, Ind.....	135,179	25.16	133,260	88,532	66.4	130,068	53,003	40.8	16,616	11.2
Jacksonville, Fla.....	52,956	18.33	52,207	33,792	64.7	51,180	17,750	34.7	16,214	31.7
Johnstown, Pa.....	36,316	20.39	36,060	19,606	54.3	35,736	14,972	41.9	509	1.0
Kansas City (Mo.)-Kansas City (Kans.).....	202,122	22.65	198,687	137,537	69.2	188,640	75,177	39.8	20,430	10.8
Knoxville, Tenn.....	39,143	16.23	38,880	19,322	49.7	37,877	15,584	41.1	4,425	11.7
Los Angeles, Calif.....	999,492	25.32	987,045	803,601	81.5	980,921	376,610	40.5	34,546	3.7
Louisville, Ky.....	126,043	19.76	124,831	75,613	60.6	120,293	49,397	41.1	16,478	13.7
Lowell-Lawrence-Haverhill, Mass.....	92,148	22.44	90,439	72,905	80.6	88,555	31,715	35.6	278	.3
Memphis, Tenn.....	93,823	15.75	91,899	42,803	46.6	91,319	29,194	32.0	39,637	43.6
Miami, Fla.....	85,136	30.49	83,050	69,760	84.0	79,994	29,163	41.1	10,026	14.1
Milwaukee, Wis.....	223,061	33.19	221,356	179,684	80.9	215,665	81,177	37.6	2,736	1.3
Minneapolis-St. Paul, Minn.....	268,484	30.93	265,499	205,550	77.4	258,646	120,447	46.9	3,228	1.3
Nashville, Tenn.....	66,001	17.82	65,307	31,940	48.9	63,574	23,568	37.1	15,049	23.7
New Haven, Conn.....	88,623	28.25	87,624	74,774	85.3	81,798	30,562	37.4	2,231	2.9
New Orleans, La.....	149,006	16.89	147,899	104,725	70.8	144,566	37,048	25.6	43,895	30.2
New York Northeastern New Jersey.....	3,424,485	27.75	3,354,661	2,052,094	61.0	3,160,300	746,068	23.6	170,101	5.4
Norfolk-Portsmouth-Newport News, Va.....	68,539	20.22	64,547	51,898	61.4	62,917	30,180	48.4	28,007	33.8

<sup>1</sup> For definition of median, see headnote, table 910.



**No. 919.—HOUSING CHARACTERISTICS FOR SELECTED METROPOLITAN DISTRICTS:  
1940—Continued**

METROPOLITAN DISTRICT	All dwelling units	Median contract or estimated monthly rent <sup>1</sup>	BATHING EQUIPMENT			All occupied units	OWNER OCCUPIED		OCCUPIED BY NONWHITE	
			Number reporting	With private bathtub or shower in structure			Number	Percent	Number	Percent
				Number	Percent					
Oklahoma City, Okla.....	66,412	22.43	67,596	45,842	67.8	63,922	24,520	38.4	5,568	8.7
Omaha (Nebr.)-Council Bluffs (Iowa).....	84,120	24.89	83,206	60,059	72.3	79,798	38,553	48.4	3,895	4.6
Peoria, Ill.....	47,037	31.74	45,894	29,062	63.4	45,845	24,044	52.4	931	2.0
Philadelphia, Pa.....	792,909	29.97	779,641	468,848	60.1	754,474	321,704	42.7	79,590	10.5
Pittsburgh, Pa.....	512,539	25.60	507,028	291,801	57.6	502,064	196,544	39.1	28,692	5.7
Portland, Oreg.....	141,697	22.86	139,605	116,040	83.1	133,144	70,478	52.9	1,709	1.3
Providence, R. I.....	197,927	23.48	198,507	155,347	78.1	186,372	68,811	36.9	3,059	1.6
Reading, Pa.....	48,293	26.92	47,896	37,975	79.3	46,749	22,381	47.9	606	1.3
Richmond, Va.....	66,524	24.05	65,687	41,686	63.5	64,385	24,256	37.7	17,467	27.1
Rochester, N. Y.....	119,880	33.67	116,694	105,299	90.2	113,895	51,805	45.5	1,090	1.0
Sacramento, Calif.....	49,366	29.46	48,701	39,372	80.8	47,157	24,288	51.5	2,215	4.7
Saginaw-Bay City, Mich.....	42,890	28.89	41,893	28,316	67.6	40,939	25,629	62.6	974	2.4
St. Louis, Mo.....	408,595	28.81	405,280	278,401	68.7	395,874	142,704	37.0	40,780	10.6
Salt Lake City, Utah.....	57,109	26.22	56,778	46,384	81.7	54,891	30,068	54.8	494	.9
San Antonio, Tex.....	86,289	17.23	85,637	55,234	64.3	81,335	34,066	41.9	6,551	8.1
San Diego, Calif.....	86,788	37.87	85,925	76,628	89.1	79,613	35,015	43.9	2,079	2.6
San Francisco-Oakland, Calif.....	455,087	32.90	477,600	433,525	90.8	454,819	188,039	41.4	16,428	3.6
Saranton-Wilkes-Barre, Pa.....	151,184	21.97	149,493	100,031	66.9	148,294	63,775	43.0	596	.4
Seattle, Wash.....	164,295	25.30	161,032	131,009	81.4	153,229	76,131	49.7	4,504	2.9
South Bend, Ind.....	40,968	25.28	40,097	30,483	75.1	40,058	22,056	55.1	998	2.5
Spokane, Wash.....	47,284	21.75	46,773	36,079	77.1	44,083	25,051	56.8	384	.9
Springfield-Holyoke, Mass.....	107,483	26.47	106,184	95,719	90.2	102,921	37,107	36.1	1,108	1.1
Syracuse, N. Y.....	78,336	29.62	71,946	60,449	84.0	70,336	27,009	38.4	709	1.0
Tacoma, Wash.....	53,310	20.15	52,742	41,332	78.4	49,598	29,768	60.0	870	1.8
Tampa-St. Petersburg, Fla.....	78,572	20.03	72,553	55,432	76.4	61,600	27,638	44.8	10,196	16.5
Toledo, Ohio.....	99,011	27.52	98,297	82,241	83.7	95,300	47,604	49.9	3,895	4.1
Trenton, N. J.....	60,310	28.72	49,692	40,167	80.8	49,112	21,771	44.3	2,803	5.7
Tulsa, Okla.....	56,847	22.67	55,920	37,688	67.4	53,712	22,875	42.6	6,477	10.2
Utica-Rome, N. Y.....	63,045	23.63	52,586	40,525	77.1	50,819	20,828	41.0	375	.6
Washington, D. C.....	252,773	47.73	248,868	204,214	82.1	237,600	89,575	37.7	45,367	19.1
Wheeling, W. Va.....	51,368	18.44	50,721	28,248	55.7	50,381	22,147	44.0	1,667	3.3
Wichita, Kans.....	39,925	22.28	39,317	27,507	70.0	38,151	18,810	44.1	1,575	4.4
Wilmington, Del.....	50,349	31.97	49,629	38,235	76.7	48,583	21,248	43.7	4,835	10.0
Worcester, Mass.....	79,681	26.21	77,892	66,794	85.8	77,252	28,733	37.2	481	.6
Youngstown, Ohio.....	63,495	28.13	92,450	65,618	71.0	92,250	48,494	52.6	5,503	6.0

<sup>1</sup> For definition of median, see headnote, table 910.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part I.

**No. 920.—NONFARM MORTGAGED PROPERTIES, OWNER-OCCUPIED ONE-FAMILY—  
INTEREST RATE, OUTSTANDING INDEBTEDNESS, VALUE, TYPE OF HOLDER, AND  
TYPE OF PAYMENT: 1940**

[Percent not shown where less than 0.1]

SUBJECT	Number or amount	Percent	SUBJECT	Number or amount	Percent
Owner-occupied 1-family mortgaged properties.....	4,025,815		HOLDER OF FIRST MORTGAGE (Data limited to properties reporting holder, debt, and value)		
INTEREST RATE ON FIRST MORTGAGE			Total properties.....	3,682,910	100.0
Reporting interest rate.....	3,645,313	100.0	Building and loan association.....	753,531	20.5
Under 4.0 percent.....	20,554	.8	Commercial and savings banks.....	872,808	23.7
4.0.....	68,248	1.8	Commercial bank.....	434,444	11.8
4.1-4.4.....	4,326	.1	Savings bank.....	438,364	11.9
4.5.....	663,964	17.3	Life insurance company.....	106,880	4.5
4.6-4.9.....	1,543		Mortgage company.....	171,865	4.7
5.0.....	762,254	19.8	Home Owners Loan Corporation.....	492,790	13.4
5.1-5.4.....	5,770	.2	Individual.....	936,404	25.4
5.5.....	286,759	7.5	Other.....	280,632	7.9
5.6-5.9.....	1,188		Debt on first mortgage (1,000 dollars).....	8,395,271	100.0
6.0.....	1,714,180	44.6	Building and loan association.....	1,476,430	17.6
6.1-6.4.....	2,430	.1	Commercial and savings banks.....	2,284,601	27.2
6.5.....	29,103	.8	Commercial bank.....	1,145,344	13.6
6.6-6.9.....	5,081	.1	Savings bank.....	1,139,257	13.6
7.0.....	162,674	4.2	Life insurance company.....	630,105	7.9
7.1-7.4.....	6,305	.2	Mortgage company.....	486,163	5.8
7.5.....	4,565	.1	Home Owners Loan Corporation.....	1,007,690	12.1
7.6-7.9.....	575		Individual.....	1,661,735	20.0
8.0.....	96,574	2.6	Other.....	710,286	8.3
Average interest rate (percent).....	5.55		TYPE AND FREQUENCY OF PAYMENTS ON FIRST MORTGAGE		
OUTSTANDING INDEBTEDNESS (First and junior mortgages)			Total properties.....	4,025,815	100.0
Reporting debt and value.....	3,745,368	100.0	Principal payments required.....	3,188,538	79.2
Under \$1,000.....	959,791	25.6	Real estate taxes included in payment.....	832,334	20.7
\$1,000-\$1,499.....	515,762	13.8	Monthly.....	790,128	19.4
\$1,500-\$1,999.....	433,848	11.6	Other than monthly.....	53,206	1.3
\$2,000-\$2,499.....	419,584	11.2	Real estate taxes not included in payment.....	2,300,386	57.1
\$2,500-\$2,999.....	305,225	8.1	Monthly.....	1,865,347	46.3
\$3,000-\$3,999.....	483,476	12.9	Other than monthly.....	435,039	10.8
\$4,000-\$4,999.....	283,441	7.6	Not reporting tax payment requirements.....	54,818	1.4
\$5,000-\$5,999.....	159,390	4.3	No principal payments required.....	549,605	13.7
\$6,000-\$7,499.....	100,175	2.7	Not reporting principal requirements.....	123,751	3.1
\$7,500-\$9,999.....	49,168	1.3	No regular payments required.....	163,921	4.1
\$10,000-\$14,999.....	26,416	.7			
\$15,000-\$19,999.....	5,756	.3			
\$20,000 and over.....	2,334	.1			
RELATION OF DEBT TO VALUE					
Value of property (1,000 dollars).....	10,489,836				
Average value (dollars).....	4,408				
Debt on first and junior mortgages (1,000 dollars).....	8,633,722				
Ratio debt to value (percent).....	62.4				
Average debt (dollars).....	2,305				

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. IV, Part L.

**No. 921.—NONFARM MORTGAGED PROPERTIES, OWNER-OCCUPIED ONE-FAMILY—  
DEBT AND VALUE, AND AVERAGE INTEREST RATE ON FIRST MORTGAGE, BY STATES:  
1940**

DIVISION AND STATE	Total properties	Reporting debt and value	VALUE OF PROPERTY		OUTSTANDING INDEBTEDNESS (FIRST AND JUNIOR MORT- GAGES)			Average interest rate on first mort- gage (percent)
			Total (1,000 dollars)	Average (dollars)	Total (1,000 dollars)	Percent of value	Average (dollars)	
<b>United States.....</b>	<b>4,025,815</b>	<b>3,745,364</b>	<b>15,489,838</b>	<b>4,403</b>	<b>6,521,722</b>	<b>53.4</b>	<b>2,305</b>	<b>5.45</b>
<b>New England.....</b>	<b>308,102</b>	<b>291,167</b>	<b>1,488,008</b>	<b>5,184</b>	<b>754,412</b>	<b>51.4</b>	<b>2,625</b>	<b>5.38</b>
Maine.....	20,820	18,667	88,017	2,108	28,550	44.0	1,309	5.50
New Hampshire.....	18,402	14,653	48,216	3,290	22,419	46.5	1,530	5.17
Vermont.....	9,679	9,038	32,879	2,638	14,071	42.8	1,567	5.36
Massachusetts.....	165,513	156,733	786,003	5,009	427,370	54.4	2,727	5.41
Rhode Island.....	24,625	23,623	121,811	5,148	59,771	49.1	2,530	5.49
Connecticut.....	71,562	68,451	440,283	6,432	215,230	48.9	3,144	5.28
<b>Middle Atlantic.....</b>	<b>897,953</b>	<b>834,107</b>	<b>4,548,874</b>	<b>5,454</b>	<b>2,478,215</b>	<b>54.5</b>	<b>2,972</b>	<b>5.47</b>
New York.....	395,763	373,740	2,287,436	6,067	1,261,068	55.6	3,374	5.37
New Jersey.....	169,000	154,099	920,492	5,973	492,485	53.5	3,195	5.48
Pennsylvania.....	333,190	306,268	1,360,947	4,444	725,633	53.3	2,309	5.50
<b>East North Central.....</b>	<b>1,053,062</b>	<b>967,254</b>	<b>4,240,879</b>	<b>4,295</b>	<b>2,174,586</b>	<b>51.3</b>	<b>2,308</b>	<b>5.45</b>
Ohio.....	317,781	299,267	1,334,397	4,459	687,728	51.5	2,298	5.51
Indiana.....	149,484	136,945	453,482	3,311	219,057	48.3	1,600	5.54
Illinois.....	288,483	222,239	1,116,933	5,026	558,471	49.6	2,400	5.42
Michigan.....	246,656	233,744	922,427	3,946	504,610	54.7	2,159	5.48
Wisconsin.....	99,678	95,071	413,540	4,351	209,699	50.7	2,208	5.14
<b>West North Central.....</b>	<b>331,924</b>	<b>351,622</b>	<b>1,217,547</b>	<b>3,463</b>	<b>621,337</b>	<b>51.0</b>	<b>1,767</b>	<b>5.48</b>
Minnesota.....	90,542	85,430	341,020	3,992	163,564	48.0	1,914	5.28
Iowa.....	70,972	63,991	193,764	3,028	95,726	49.4	1,496	5.39
Missouri.....	114,706	107,222	411,049	3,834	223,563	54.4	2,085	5.60
North Dakota.....	8,183	6,634	20,099	3,030	9,367	46.6	1,412	5.46
South Dakota.....	10,063	8,583	22,992	2,679	11,299	49.1	1,316	5.51
Nebraska.....	35,706	33,217	106,077	3,108	51,612	50.1	1,564	5.45
Kansas.....	51,752	46,539	125,547	2,698	66,208	52.7	1,423	5.74
<b>South Atlantic.....</b>	<b>357,522</b>	<b>325,298</b>	<b>1,474,454</b>	<b>4,533</b>	<b>756,899</b>	<b>51.3</b>	<b>2,327</b>	<b>5.63</b>
Delaware.....	11,623	11,028	59,839	5,426	28,421	47.5	2,577	5.68
Maryland.....	64,763	58,856	272,860	4,676	143,516	52.6	2,450	5.50
Dist. of Columbia.....	28,404	27,832	247,104	8,878	126,696	51.3	4,582	5.47
Virginia.....	55,766	50,909	238,324	4,681	124,863	52.4	2,483	5.54
West Virginia.....	30,729	26,798	105,943	3,953	49,673	46.9	1,854	5.55
North Carolina.....	51,999	46,712	161,501	3,243	78,351	51.7	1,877	5.64
South Carolina.....	20,166	17,500	64,923	3,710	32,613	60.2	1,864	5.66
Georgia.....	40,677	36,476	136,126	3,732	72,519	53.3	1,988	5.72
Florida.....	53,795	49,658	197,845	3,982	100,188	50.6	2,016	5.75
<b>East South Central.....</b>	<b>140,494</b>	<b>125,463</b>	<b>419,970</b>	<b>3,347</b>	<b>217,740</b>	<b>51.8</b>	<b>1,735</b>	<b>5.64</b>
Kentucky.....	46,191	40,310	149,062	3,498	77,586	52.0	1,925	5.69
Tennessee.....	44,601	40,826	137,892	3,378	70,243	50.9	1,721	5.52
Alabama.....	33,403	29,189	91,308	3,128	48,906	53.6	1,675	5.73
Mississippi.....	17,099	15,138	41,709	2,755	21,008	50.4	1,388	5.63
<b>West South Central.....</b>	<b>262,676</b>	<b>229,487</b>	<b>734,993</b>	<b>3,159</b>	<b>393,369</b>	<b>54.3</b>	<b>1,714</b>	<b>6.97</b>
Arkansas.....	19,903	16,251	41,908	2,579	20,217	48.2	1,244	6.08
Louisiana.....	37,093	34,531	120,631	3,498	64,177	53.2	1,839	5.86
Oklahoma.....	63,453	47,200	142,944	3,026	78,780	55.1	1,668	5.94
Texas.....	142,317	131,505	419,508	3,190	230,145	54.9	1,750	5.99
<b>Mountain.....</b>	<b>126,388</b>	<b>108,957</b>	<b>348,945</b>	<b>3,203</b>	<b>175,316</b>	<b>50.2</b>	<b>1,609</b>	<b>5.79</b>
Montana.....	11,517	10,544	32,153	3,052	14,794	46.0	1,403	5.92
Idaho.....	13,812	11,903	32,319	2,715	15,345	47.5	1,289	5.79
Wyoming.....	7,196	6,853	23,040	3,382	11,867	51.5	1,732	5.86
Colorado.....	38,400	34,220	110,637	3,233	56,240	50.8	1,643	5.71
New Mexico.....	8,225	7,096	22,092	3,112	10,629	48.1	1,497	6.42
Arizona.....	13,901	13,044	42,187	3,234	22,315	52.9	1,711	5.72
Utah.....	24,490	23,147	77,256	3,338	39,652	51.3	1,713	5.67
Nevada.....	2,748	2,148	9,231	4,298	4,470	48.4	2,091	5.67
<b>Pacific.....</b>	<b>513,374</b>	<b>491,999</b>	<b>2,028,167</b>	<b>4,122</b>	<b>1,061,064</b>	<b>51.8</b>	<b>2,136</b>	<b>5.73</b>
Washington.....	94,316	88,451	290,762	3,174	132,727	47.3	1,601	5.68
Oregon.....	51,723	48,301	154,080	3,190	72,679	47.2	1,506	5.62
California.....	367,335	355,247	1,583,325	4,485	845,658	53.1	2,380	5.75

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. IV, Part 1.

## 29. Manufactures

**Census of Manufactures.**—The basic source of comprehensive data on manufacturing production has been the Census of Manufactures conducted by the Bureau of the Census. This census was taken decennially from 1849 to 1899, for each fifth year thereafter through 1919, and biennially from 1921 through 1939. During the recent war years the Census of Manufactures was abandoned as directed by Executive Order No. 9152 in the interests of more important work related to the Nation's war effort. The next Census of Manufactures, taken in 1948 to cover the year 1947, is being tabulated as this volume goes to press.

The quinquennial censuses—those of 1904, 1909, 1914, and 1919—covered all factories or plants whose products were valued at \$500 or more, but beginning with 1921, the minimum limit has been \$5,000. Conceptually a manufacturing establishment is a plant, mill, works, shop, or factory at a single physical location for which independent bookkeeping records are maintained, regardless of its managerial or financial affiliations. An establishment—which may be a single plant or a group of closely located plants operated by a single concern without separate records for each—is the basic reporting unit. In addition, the establishment is the basic unit of industrial classification, being assigned to an industry on the basis of its reported product of chief value.

“Value of products” represents the selling value at the plant or factory. Because of the use of the products of some establishments as materials for others, the total cost of materials and the total value of products for all industries in a given group, and for all groups in the aggregate, include much duplication, estimated at roughly one-third of the gross value of products. Such duplication is not, however, found to any great extent within individual industries. “Value added by manufacture,” computed by subtracting “cost of materials, supplies, fuel, etc.,” from value of product, provides a rough measure of [the contribution of manufacturing processes to product values and is practically free of duplication.

Detailed quantity and value data on the output of manufactured products are compiled from reports of the Census of Manufactures. The “total value” figures for a group of products differ from the “value of products” of the corresponding industry as given in table 930. The product figures include the minor or secondary production of the commodity in plants engaged primarily in other lines of manufacture, whereas the industry figures which relate to the total output of a group of plants primarily engaged in a particular industry, include the value of the secondary products made by the plants classified in the industry.

Because the Bureau of the Census is prohibited from disclosing the operations of any individual company, general plant and detailed commodity information for any industry can be published only where a given industry in a given State or area is represented by three or more independently owned establishments of approximately the same size. This restriction has little effect upon tables for the entire United States, but there are many instances where because of the concentration of production in a few establishments, it has been necessary to combine data for presentation, rather than showing detailed industry data for each city and State.

**Current and other statistics.**—Monthly, quarterly, and annual commodity surveys are also conducted by the Bureau of the Census. These data are published currently in the Facts for Industry series. This series also includes releases of information collected by or for the War Production Board and successor agencies during the war and reconversion periods by the Census Bureau or other Federal agencies.

Reports on current activities of industries, or current movements of individual commodities, are also compiled by trade associations and trade journals, commercial agencies, and by such governmental bureaus as Labor Statistics, Agricultural Economics, Foreign and Domestic Commerce, Fish and Wildlife Service, Tariff Commission, and Internal Revenue, in addition to the Census Bureau previously mentioned.

Abbreviated balance sheet and income account data on all United States manufacturing corporations are compiled and published annually by the Bureau of Internal Revenue from corporation income and profits tax returns and holding company returns.

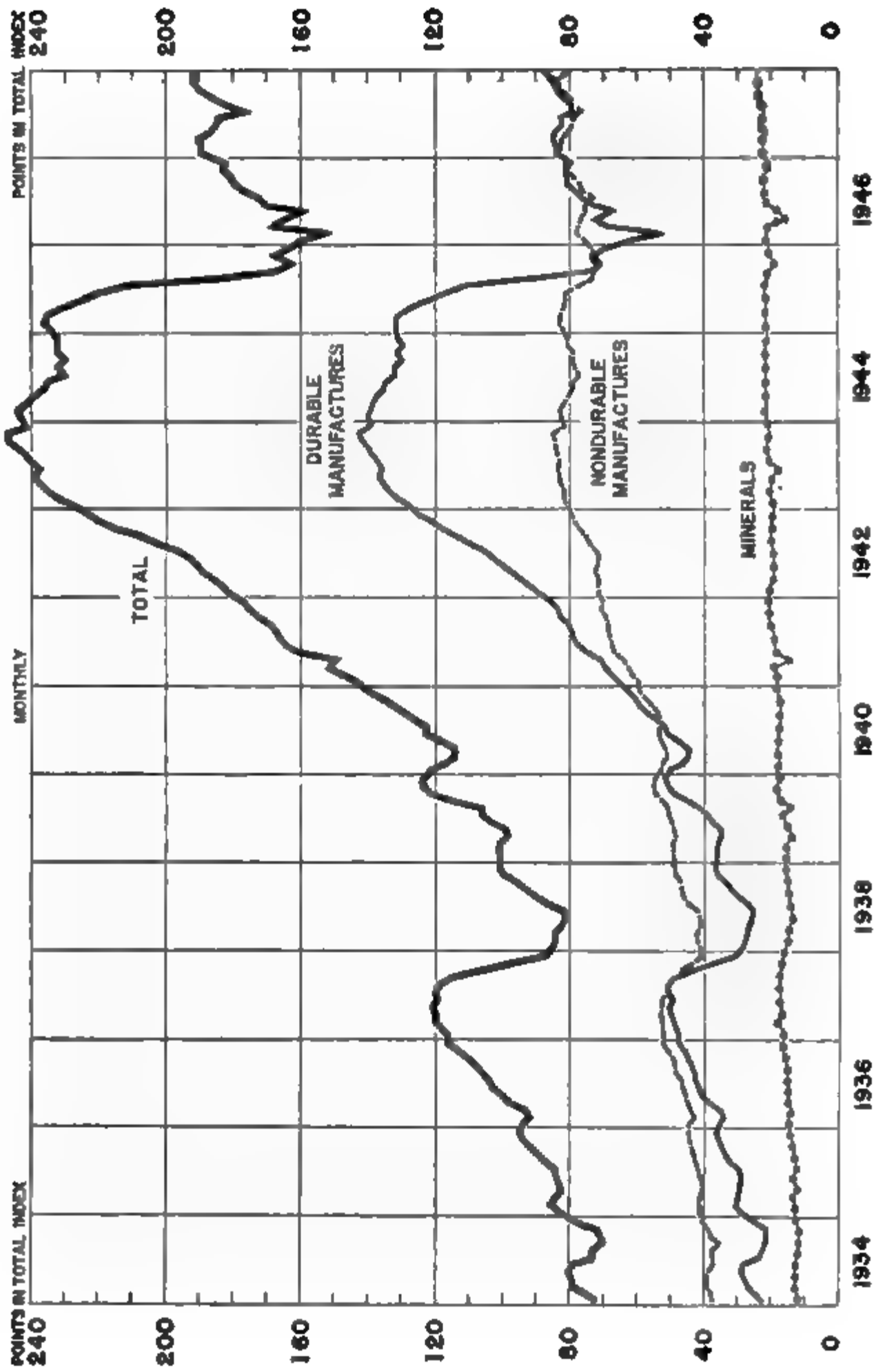
Data on financial operations and intercorporate relations of manufacturing corporations are collected from time to time by the Securities and Exchange Commission, the Tariff Commission, the Federal Trade Commission, and special investigating agencies. Financial statistics for certain manufacturing industries in the form of balance sheets, profit and loss statements, analyses of sales and expenses, lists of subsidiaries, types and amounts of security issues, and selected data on the salaries paid to officers and directors, are summarized and published for the leading corporations that are registered with the Securities and Exchange Commission. The Tariff Commission publishes commodity surveys which cover economic and competitive aspects of production, distribution, and international trade in selected important industries. Each survey deals with several products which are related because of the raw materials consumed, or competitive uses. The Federal Trade Commission has made several comprehensive studies of individual industries, notable among which are the reports on the motor-vehicle industry, certain industries processing agricultural raw materials, and the agricultural implement and machinery industry. Studies of individual industries have also been made by trade associations and private research agencies.

**Material in other sections.**—In addition to the statistics presented in this section, statistics on the output and activities of manufacturers will be found in various other sections of the Statistical Abstract. For example, data on wages and hours appear in section 8, Labor Force, Employment, and Pay Rolls; statistics on manufacturing corporations compiled from corporation income tax returns appear in section 14, National Government Finances; and statistics on lumber production in section 25, Forests and Forest Products. For page references to the commodity or industry, consult the index. For references to the important sources of statistics on manufacturing and related activities, see the listings under the appropriate subjects in the "Bibliography of Sources of Statistical Data," page 988.

**Geographic coverage.**—Statistics in this section relate to continental United States except as noted.

FIGURE U.—INDUSTRIAL PRODUCTION INDEXES: 1934 TO 1946

[Based on physical volume, adjusted for seasonal variation, 1935-39 average for total=100]



Source: Board of Governors of the Federal Reserve System.



No. 922.—MANUFACTURES—SUMMARY: 1849 TO 1939

[It is sometimes necessary, for various reasons but chiefly because of changes in census classification, to make adjustments in figures for earlier census years. Adjustments have been made in figures beginning with 1890 as a result of exclusion from Census of Manufactures since 1929 of the industries "Coffee and spice, roasting and grinding," "Flax and hemp, dressed," "Gas, illuminating and heating," "Grindstones," "Motion pictures, not including projection in theaters," "Peanuts, walnuts, and other nuts, processed or shelled," and "Railroad repair shops" (both steam and electric)]

CENSUS YEAR	Number of establishments	Wage earners (average for year)	Wages (\$1,000)	Cost of materials, containers, fuel, and purchased energy (\$1,000)	Value of products (\$1,000)	Value added by manufacture (\$1,000) <sup>1</sup>
Factories and hand and neighborhood industries:						
1849 <sup>2</sup>	123, 025	957, 059	236, 755	555, 124	1, 019, 107	463, 983
1859 <sup>2</sup>	140, 433	1, 311, 246	378, 879	1, 031, 005	1, 885, 802	854, 257
1869 <sup>2</sup>	252, 148	2, 053, 996	<sup>3</sup> 620, 467	<sup>3</sup> 1, 990, 742	<sup>3</sup> 3, 385, 860	<sup>3</sup> 1, 395, 119
1879 <sup>2</sup>	253, 852	2, 732, 595	947, 954	3, 396, 824	5, 369, 579	1, 972, 756
1889 <sup>2</sup>	355, 405	4, 251, 535	1, 891, 220	5, 162, 014	9, 372, 379	4, 210, 365
1890 <sup>2</sup>	512, 191	5, 306, 143	2, 320, 938	7, 343, 628	13, 000, 149	5, 656, 521
Factories, excluding hand and neighborhood industries:						
1890 <sup>2</sup>	204, 750	4, 501, 919	1, 892, 574	6, 385, 970	11, 032, 951	4, 646, 981
1904 <sup>2</sup>	213, 444	5, 181, 660	2, 440, 851	8, 233, 790	14, 252, 961	6, 019, 171
1909 <sup>2</sup>	264, 826	6, 262, 242	3, 205, 548	11, 783, 160	19, 945, 249	8, 162, 069
1914 <sup>2</sup>	269, 193	6, 613, 189	3, 787, 399	14, 020, 417	23, 442, 692	9, 422, 276
1914 <sup>4</sup>	173, 575	6, 475, 567	3, 709, 449	13, 811, 422	23, 049, 632	9, 238, 210
1919 <sup>4</sup>	210, 268	8, 423, 964	9, 611, 002	36, 229, 015	59, 964, 027	23, 735, 012
1921 <sup>4</sup>	192, 059	6, 475, 474	7, 451, 299	24, 397, 078	41, 649, 858	17, 252, 775
1923 <sup>4</sup>	192, 096	8, 194, 170	10, 148, 624	33, 611, 809	58, 181, 296	24, 509, 487
1925 <sup>4</sup>	183, 877	7, 871, 409	9, 979, 649	35, 141, 601	60, 809, 225	25, 667, 624
1927 <sup>4</sup>	187, 629	7, 848, 070	10, 099, 465	34, 010, 075	60, 335, 469	26, 325, 394
1929 <sup>4</sup>	206, 663	8, 369, 705	10, 884, 919	37, 402, 606	67, 994, 041	30, 591, 435
1931 <sup>4</sup>	171, 450	6, 163, 144	6, 688, 541	21, 229, 356	39, 829, 888	18, 600, 532
1933 <sup>4</sup>	139, 325	5, 787, 611	4, 940, 146	16, 549, 788	30, 557, 328	14, 007, 540
1935 <sup>4</sup>	167, 916	7, 203, 794	7, 311, 329	<sup>5</sup> 26, 441, 145	44, 993, 699	<sup>6</sup> 18, 552, 553
1937 <sup>4</sup>	<sup>7</sup> 166, 794	8, 569, 231	10, 112, 883	<sup>5</sup> 35, 539, 333	60, 712, 872	<sup>6</sup> 25, 173, 539
1939 <sup>4</sup>	<sup>7</sup> 184, 230	7, 886, 567	9, 089, 941	<sup>5</sup> 32, 160, 107	56, 843, 025	<sup>6</sup> 24, 682, 918

<sup>1</sup> Value of products less cost of materials, containers, fuel, and purchased electric energy.  
<sup>2</sup> For all establishments having products valued at \$500 or more.  
<sup>3</sup> Reduced to gold basis.  
<sup>4</sup> For all establishments having products valued at \$5,000 or more.  
<sup>5</sup> Includes cost of contract work.  
<sup>6</sup> Calculated by subtracting sum of cost of materials, containers, fuel, purchased electric energy, and cost of contract work from value of products. Not strictly comparable with years prior to 1935.  
<sup>7</sup> An establishment operating two or more factories was counted as two or more establishments in censuses for 1937 and 1939. Total number was increased approximately 2,000 by this change.

Source: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures.

U.S. GOVERNMENT PRINTING OFFICE: 1940

**No. 923.—POPULATION, WAGE EARNERS, AND PRODUCTION—INDEXES\* 1899  
TO 1939**

[See general note, p. 822]

CENSUS YEAR	Popu- lation	Wage earners	Pro- duction (quan- tity) †	Produc- tion per wage earner	CENSUS YEAR	Popu- lation	Wage earners	Pro- duction (quan- tity) †	Produc- tion per wage earner
1899.....	100	100	100	100	1927.....	188	179	111	178
1904.....	110	115	124	108	1929.....	162	190	364	192
1909.....	121	130	168	114	1931.....	166	180	262	187
1914.....	131	147	186	127	1933.....	168	131	228	174
1919.....	140	191	222	116	1935.....	170	183	301	185
1921.....	145	147	194	132	1937.....	172	194	376	194
1923.....	149	186	230	151	1939.....	175	187	373	199
1925.....	154	176	298	167					

\* Index of physical output from National Bureau of Economic Research.

**No. 924.—MANUFACTURING ESTABLISHMENTS CLASSIFIED ACCORDING TO NUMBER  
OF WAGE EARNERS: 1937 AND 1939**

[See general note, p. 822]

NUMBER OF WAGE EARNERS	1937				1939			
	Estab- lish- ments	Average number of wage earners	Percent of total		Estab- lish- ments	Average number of wage earners	Percent of total	
			Estab- lish- ments	Wage earners			Estab- lish- ments	Wage earners
<b>Total.....</b>	<b>144,794</b>	<b>8,899,251</b>	<b>100.0</b>	<b>100.0</b>	<b>154,239</b>	<b>7,898,567</b>	<b>100.0</b>	<b>100.0</b>
None.....	6,885		4.1		8,315		4.8	
1 to 5.....	62,164	170,174	27.3	2.0	78,930	203,052	41.2	2.6
6 to 20.....	46,402	514,487	27.8	6.0	49,016	542,679	26.8	6.9
21 to 50.....	23,138	750,922	13.9	8.8	23,646	764,814	12.8	9.7
51 to 100.....	11,911	852,373	7.1	9.9	11,908	848,423	6.6	10.8
101 to 250.....	9,745	1,522,670	8.8	17.8	9,458	1,472,651	5.1	18.7
251 to 500.....	8,911	1,263,000	2.3	15.9	3,653	1,268,983	2.0	16.1
501 to 1,000.....	1,660	1,133,323	1.0	13.2	1,495	1,024,297	.8	13.0
1,001 to 2,500.....	737	1,080,534	.4	12.6	634	937,136	.8	11.9
2,501 or more.....	241	1,181,748	.1	13.8	170	824,833	.1	10.6

**No. 925.—MANUFACTURING ESTABLISHMENTS CLASSIFIED BY VALUE OF  
PRODUCTS: 1939**

[See general note, p. 822]

CLASS OF ESTABLISH- MENTS ACCORDING TO VALUE OF PRODUCTS	ESTABLISHMENTS		WAGE EARNERS		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE	
	Number	Percent distrib- ution	Average number	Percent distrib- ution	Amount (thousands of dollars)	Percent distrib- ution	Amount (thousands of dollars)	Percent distrib- ution
<b>Total.....</b>	<b>154,239</b>	<b>100.0</b>	<b>7,898,567</b>	<b>100.0</b>	<b>56,541,625</b>	<b>100.0</b>	<b>24,682,918</b>	<b>100.0</b>
\$5,000 to \$19,999.....	60,693	32.9	189,575	2.4	680,777	1.2	395,900	1.6
\$20,000 to \$49,999.....	42,083	22.8	327,340	4.2	1,353,676	2.4	749,896	3.0
\$50,000 to \$99,999.....	25,490	13.6	389,637	4.9	1,811,463	3.2	956,006	3.9
\$100,000 to \$249,999.....	24,718	13.4	766,358	9.7	3,920,974	6.9	1,938,317	7.9
\$250,000 to \$499,999.....	13,066	7.1	839,222	10.6	4,626,937	8.1	2,167,507	8.8
\$500,000 to \$999,999.....	8,706	4.7	1,038,151	13.2	6,110,939	10.8	2,816,572	11.4
\$1,000,000 to \$2,499,999.....	6,088	3.3	1,463,378	18.6	9,298,230	16.4	4,276,718	17.3
\$2,500,000 to \$4,999,999.....	2,013	1.1	904,184	11.5	6,918,927	12.2	3,160,708	12.8
\$5,000,000 and over.....	1,473	.8	1,966,822	24.9	22,121,102	39.9	8,221,695	33.4

Source of tables 923, 924, and 925: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures.

## No. 926.—INDUSTRIAL PRODUCTION—INDEXES, BY GROUPS: 1928 to 1947

[1935-39 average=100. For discussion of revisions beginning 1939, see Federal Reserve Bulletin, Oct. 1943; for discussion of revisions for earlier years, see Bulletins for Aug. 1940 and Sept. 1941. Monthly data adjusted for seasonal variation]

YEAR AND MONTH	Total	MANUFACTURES										
		Total	Durable manufactures							Nondurable manufactures		
			Total	Iron and steel	Machinery	Transportation equipment	Non-ferrous metal and products	Lumber and products	Stone, clay, and glass products	Total	Textiles and products	Leather and products
1928.....	99	99	117	121	106	108	118	142	110	85	87	93
1929.....	110	110	132	133	130	134	136	146	110	93	94	95
1930.....	91	90	98	97	100	91	106	105	96	84	74	84
1931.....	75	74	67	61	66	62	83	76	77	79	79	82
1932.....	58	57	41	32	43	38	52	51	51	70	71	76
1933.....	69	68	54	54	50	48	60	63	54	79	88	88
1934.....	75	74	65	61	69	69	62	64	64	81	76	91
1935.....	87	87	83	81	83	93	80	85	77	90	93	99
1936.....	103	104	108	114	105	110	104	105	103	100	104	103
1937.....	113	113	122	123	126	128	122	113	114	106	106	102
1938.....	89	87	78	68	82	72	80	90	92	95	85	93
1939.....	109	109	109	114	104	103	113	106	114	109	112	105
1940.....	125	126	139	147	136	145	139	116	124	115	114	98
1941.....	162	168	201	186	221	245	191	134	162	142	152	123
1942.....	199	212	279	199	340	464	214	134	168	158	157	122
1943.....	239	258	360	208	443	735	267	129	173	176	158	114
1944.....	235	252	353	206	439	719	259	125	164	171	148	113
1945.....	203	214	274	183	343	487	204	109	163	166	146	117
1946.....	170	177	192	150	240	232	157	131	192	165	162	122
1947.....	187	194	220	195	277	230	187	143	206	172	163	116
January.....	189	196	221	192	277	229	203	142	219	176	172	116
February...	189	197	222	191	277	233	208	147	219	176	173	120
March.....	190	198	225	196	281	239	202	147	218	175	172	122
April.....	187	194	222	195	276	237	197	144	211	172	166	116
May.....	185	191	218	197	273	225	187	142	200	170	164	113
June.....	184	191	219	193	275	233	179	142	207	168	155	107
July.....	176	183	207	181	266	217	171	133	195	163	142	101
August.....	182	188	210	188	267	213	170	142	199	169	154	116
September..	187	192	217	195	276	227	174	140	202	172	160	122
October.....	190	197	223	204	280	232	179	143	201	176	164	126
November...	192	199	224	202	281	234	185	150	201	179	172	124
December...	192	198	229	205	288	243	189	153	205	173	163	114

YEAR	MANUFACTURES—continued								MINERALS		
	Nondurable manufactures—Continued								Total	Fuels	Metals
	Manufactured food products	Alcoholic beverages	Tobacco products	Paper and products	Printing and publishing	Petroleum and coal products	Chemical products	Rubber products			
1928.....	93	.....	92	79	96	87	78	98	99	95	120
1929.....	101	.....	96	85	104	96	89	100	107	103	134
1930.....	100	.....	93	79	97	89	87	78	93	91	102
1931.....	90	.....	87	74	88	80	78	72	80	82	68
1932.....	79	.....	79	65	74	69	68	64	67	72	36
1933.....	83	.....	80	76	75	74	76	77	76	80	51
1934.....	88	74	87	75	80	79	83	86	80	83	58
1935.....	89	89	90	86	89	85	89	93	86	89	73
1936.....	98	109	99	98	99	97	99	107	99	99	102
1937.....	103	108	103	107	109	108	112	104	112	109	127
1938.....	101	96	102	95	96	100	96	83	97	99	86
1939.....	108	98	106	114	106	110	112	113	106	105	113
1940.....	113	101	109	123	112	120	130	123	117	114	134
1941.....	127	117	120	150	127	135	176	163	125	122	148
1942.....	134	118	131	142	115	147	278	172	129	125	148
1943.....	145	117	133	139	111	185	384	228	132	132	126
1944.....	152	144	125	139	101	247	324	234	140	145	113
1945.....	150	178	136	139	108	236	284	215	137	143	101
1946.....	149	191	156	145	127	173	236	225	134	142	88
1947.....	157	190	160	158	144	193	251	226	149	155	117

No. 926.—INDUSTRIAL PRODUCTION—INDEXES, BY GROUPS: 1928 TO 1947—Con.

YEAR AND MONTH	MANUFACTURES—continued								MINERALS		
	Nondurable manufactures—Continued								Total	Fuels	Metals
	Manu- fac- tured food prod- ucts	Alco- holic bever- ages	To- bacco prod- ucts	Paper and prod- ucts	Print- ing and pub- lish- ing	Petro- leum and coal prod- ucts	Chem- ical prod- ucts	Rub- ber prod- ucts			
1947											
January.....	161	241	158	156	138	180	251	247	146	151	117
February.....	156	223	168	157	140	185	251	246	146	150	122
March.....	157	208	158	159	142	185	251	239	148	153	117
April.....	158	189	160	156	141	179	251	234	143	144	136
May.....	155	162	142	161	142	184	253	220	151	156	124
June.....	154	159	159	160	146	191	250	216	148	153	122
July.....	155	164	156	146	139	195	251	207	140	144	117
August.....	157	176	160	158	145	201	249	210	150	155	117
September.....	158	198	163	159	144	203	248	217	153	160	111
October.....	156	229	175	163	152	204	248	223	155	162	107
November.....	158	219	169	165	152	205	251	225	155	163	109
December.....	158	167	149	158	146	208	255	230	156	162	117

Source: Board of Governors of the Federal Reserve System. Figures published monthly in Federal Reserve Bulletin.

No. 927.—MANUFACTURES—PRIME MOVERS, MOTORS, AND GENERATORS, BY NUMBER AND RATED CAPACITY: 1899 TO 1939

[See headnote, table 922]

KIND	1899	1909	1919	1929	1939
Number of establishments reporting power equipment.....	<sup>1</sup> 131, 309	<sup>1</sup> 181, 994	<sup>1</sup> 219, 398	190, 091	<sup>2</sup> 179, 674
Prime movers, horsepower.....	<sup>3</sup> 9, 633, 215	<sup>4</sup> 16, 393, 467	19, 432, 157	19, 328, 309	21, 239, 195
Electric motors driven by purchased energy, horsepower.....	178, 176	1, 669, 226	8, 965, 406	21, 793, 762	29, 213, 085
Prime movers:					
Steam engines:					
Number.....	<sup>5</sup> 127, 145	<sup>5</sup> 148, 001	110, 609	62, 395	42, 538
Horsepower.....	<sup>6</sup> 7, 999, 241	<sup>6</sup> 13, 806, 053	13, 346, 169	9, 157, 755	6, 533, 429
Steam turbines:					
Number.....	( <sup>9</sup> )	( <sup>9</sup> )	5, 655	8, 883	12, 631
Horsepower.....	( <sup>9</sup> )	( <sup>9</sup> )	3, 098, 698	7, 409, 748	11, 295, 872
Diesel and semi-Diesel engines:					
Number.....	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	5, 311
Horsepower.....	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	630, 181
Other internal-combustion engines:					
Number.....	<sup>6</sup> 14, 231	<sup>6</sup> 33, 866	<sup>6</sup> 30, 080	<sup>6</sup> 10, 991	10, 278
Horsepower.....	<sup>6</sup> 132, 961	<sup>6</sup> 739, 736	<sup>6</sup> 1, 223, 296	<sup>6</sup> 1, 203, 303	1, 176, 044
Hydroturbines and water wheels:					
Number.....	<sup>7</sup> 23, 078	<sup>7</sup> 21, 226	<sup>7</sup> 13, 952	6, 511	3, 854
Horsepower.....	<sup>7</sup> 1, 453, 821	<sup>7</sup> 1, 819, 465	<sup>7</sup> 1, 763, 994	1, 557, 503	1, 603, 669
Electric generators, kilowatt rating.....	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	7, 591, 999	9, 658, 828
Electric motors, total horsepower.....	475, 342	4, 582, 689	15, 612, 644	33, 844, 131	45, 291, 319
Driven by purchased energy:					
Number.....	( <sup>9</sup> )	193, 898	954, 916	2, 655, 142	4, 138, 287
Horsepower.....	178, 176	1, 669, 226	8, 965, 406	21, 793, 762	29, 213, 085
Driven by energy generated in plant:					
Number.....	16, 317	180, 791	465, 519	829, 959	1, 224, 478
Horsepower.....	297, 166	2, 913, 463	6, 647, 238	12, 050, 369	16, 078, 234

<sup>1</sup> Because of change from \$500 to \$5,000 in minimum-value-of-products limit, "Number of establishments reporting power equipment" figures for 1919 and earlier years are not comparable with those for 1929 and 1939. This change did not, however, materially impair comparableness of figures for other items in this table.

<sup>2</sup> Returns for "Logging camps and logging contractors (not operating mills)," numbering 967, were excluded from power tabulations.

<sup>3</sup> Includes 47,192 horsepower reported as other owned power, not distributed by type of prime mover.

<sup>4</sup> Includes 28,213 horsepower reported as other owned power, not distributed by type of prime mover.

<sup>5</sup> Figures for "Steam engines" include data for "Steam turbines," not reported separately.

<sup>6</sup> Figures for "Other internal-combustion engines" include data for "Diesel and semi-Diesel engines," not reported separately.

<sup>7</sup> Includes data for water motors.

<sup>8</sup> Not available.

Source: Dept. of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures, 1939.

**No. 998.—Manufactures—Rated Capacity of Prime Movers, Motors, and Generators, and Consumption of Electric Energy, by Geographic Divisions and by Industry Groups: 1939**

GEOGRAPHIC DIVISION AND INDUSTRY GROUP	ESTABLISHMENTS		Prime movers, horsepower	Generators, kilowatt rating	ELECTRIC MOTORS, HORSEPOWER			ELECTRIC ENERGY (MILLIONS OF KILOWATT-HOURS)		
	Number	Number reporting power equip- ment			Total	Driven by purchased energy	Driven by plant energy	Gener- ated in plant	Sold	Pur- chased
United States	194,236	179,674	21,289,195	9,653,823	48,291,319	29,313,886	16,978,234	23,751	2,322	45,849
New England	16,135	15,753	1,968,574	1,045,505	3,867,593	2,518,491	1,349,102	2,890	96	3,396
Middle Atlantic	56,291	54,922	5,080,350	2,077,345	11,842,265	7,606,740	3,935,525	5,692	532	12,080
East North Central	40,415	39,626	6,423,424	3,130,224	16,592,695	9,610,304	5,982,301	9,416	590	10,383
West North Central	14,947	14,772	628,385	372,094	2,103,839	1,487,058	616,771	1,047	157	2,031
South Atlantic	17,317	16,696	2,759,673	1,438,118	4,737,398	2,897,014	1,840,364	5,389	413	5,694
East South Central	7,275	6,962	1,083,184	402,645	1,904,465	1,205,852	598,613	1,418	79	3,787
West South Central	10,021	9,804	1,432,405	458,217	1,689,784	1,050,992	638,792	1,367	85	1,981
Mountain	4,011	3,868	530,590	226,342	799,562	528,576	270,966	666	119	1,065
Pacific	17,817	17,121	1,121,620	513,240	3,053,848	2,208,088	845,790	1,534	109	3,263
Food and kindred products	51,448	50,972	1,965,395	720,413	4,652,156	3,056,029	996,127	1,470	80	4,998
Tobacco manufactures	765	751	49,685	31,512	80,661	50,846	29,815	53	4	66
Textile-mill products and other fiber manufactures	5,444	5,236	1,441,513	899,364	3,184,229	2,228,977	955,262	1,774	172	5,202
Apparel and other finished products made from fab- rics and similar materials	20,206	16,779	24,194	14,050	231,806	220,271	11,535	12	1	342
Lumber and timber basic products	11,520	9,842	1,887,664	531,985	1,709,126	916,470	792,655	896	185	526
Furniture and finished lumber products	8,467	8,394	406,260	181,084	940,298	634,426	305,852	192	5	418
Paper and allied products	3,279	3,237	2,792,900	1,546,870	3,498,419	1,386,303	2,112,116	6,247	212	3,265
Printing, publishing, and allied industries	24,878	24,809	53,679	33,086	783,903	717,994	45,909	50	3	513
Chemicals and allied products	9,203	9,180	2,106,028	1,108,147	2,632,044	1,651,652	1,280,392	4,433	176	5,564
Products of petroleum and coal	9,969	9,977	1,289,421	409,210	1,770,365	1,018,891	751,474	1,646	115	1,909
Rubber products	595	579	288,170	167,248	983,332	701,757	291,576	508	5	1,052
Leather and leather products	3,508	3,448	150,168	88,972	418,123	308,866	108,266	136	21	287
Stone, clay, and glass products	7,024	6,906	947,183	517,256	2,991,046	2,069,469	901,568	1,627	34	3,259
Iron and steel and their products, except machinery	8,994	8,911	5,344,511	1,877,701	12,348,399	7,277,940	5,070,459	5,949	1,364	7,681
Nonferrous metals and their products	5,600	5,558	671,092	412,526	1,553,990	1,212,772	341,218	1,474	312	4,794
Electrical machinery	2,014	1,967	354,449	249,687	1,016,877	664,874	352,008	470	53	1,016
Machinery (except electrical)	9,505	9,459	434,109	253,494	2,746,416	2,177,898	568,525	353	11	1,643
Automobiles and automobile equipment	1,123	1,069	853,673	502,339	2,231,363	1,393,294	838,069	1,176	128	1,421
Transportation equipment except automobiles	1,968	1,960	131,924	60,641	826,261	574,739	281,522	67	4	419
Miscellaneous industries	7,699	7,669	126,600	59,291	412,517	345,596	63,919	119	37	383

<sup>1</sup> Returns for "Logging camps and logging contractors (not operating mills)," numbering 967, were excluded from power tabulations.

Source: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures.

No. 929.—INDUSTRIAL POWER REQUIREMENTS OF MANUFACTURING AND EXTRACTING INDUSTRIES: 1939 TO 1946

[Based on reports filed by more than 5,000 manufacturing, industrial, and other establishments consuming over 85 percent of the total energy used by such establishments. Use for 1946 was estimated. Data have been adjusted to census coverage based on 1939 Census of Manufactures and 1939 Census of Mineral Industries]

[In millions of kilowatt-hours]

INDUSTRY	1939	1940	1941	1942	1943	1944	1945	1946
Total.....	79, 044	92, 390	113, 932	133, 899	158, 525	158, 751	143, 162	133, 682
Manufacturing industries, total.....	70, 518	82, 661	103, 109	120, 844	143, 963	144, 319	129, 183	120, 280
Food and kindred products.....	6, 386	6, 532	7, 315	7, 905	8, 561	8, 724	8, 988	9, 603
Tobacco manufactures.....	115	126	140	145	160	164	177	176
Textile-mill products.....	6, 800	7, 394	9, 119	9, 794	9, 377	8, 816	8, 436	8, 895
Apparel and other finished products.....	357	420	514	554	605	539	661	658
Lumber and timber basic products.....	1, 245	1, 424	1, 582	1, 686	1, 630	1, 462	1, 464	1, 601
Furniture and finished lumber products....	605	679	830	845	886	867	882	977
Paper and allied products.....	9, 097	10, 006	11, 185	11, 270	10, 985	11, 038	11, 445	12, 154
Printing and publishing.....	859	930	1, 025	1, 042	1, 075	1, 101	1, 161	1, 213
Chemicals and allied products.....	9, 747	12, 602	16, 397	21, 671	28, 684	29, 163	24, 590	21, 565
Products of petroleum and coal.....	3, 438	3, 844	4, 358	4, 621	5, 229	6, 243	6, 539	6, 385
Rubber products.....	1, 584	1, 652	2, 073	1, 754	2, 137	2, 494	2, 683	3, 015
Leather and leather products.....	402	416	523	559	556	556	579	587
Stone, clay, and glass products.....	4, 851	5, 301	6, 547	6, 968	6, 070	5, 100	5, 400	6, 627
Iron and steel and their products.....	12, 246	14, 810	18, 703	20, 316	22, 364	23, 290	21, 702	19, 406
Nonferrous metals and their products.....	5, 954	7, 805	10, 663	15, 375	23, 495	20, 755	14, 912	11, 811
Electrical machinery.....	1, 432	1, 817	2, 522	2, 999	3, 542	3, 658	3, 385	2, 955
Machinery, except electrical.....	1, 985	2, 549	3, 634	4, 816	5, 811	5, 861	5, 136	4, 796
Automobiles and automobile equipment....	2, 467	3, 042	3, 668	3, 454	4, 572	4, 662	3, 774	4, 245
Transportation equipment.....	482	796	1, 648	4, 277	7, 291	8, 909	6, 418	2, 782
Miscellaneous industries.....	466	516	663	793	933	917	852	830
Government manufacturing industries, total.....	441	614	929	1, 918	2, 886	3, 082	2, 673	1, 701
Shipbuilding and ship repairing.....	180	250	414	735	986	1, 155	1, 108	957
Arsenal and ordnance products.....	90	133	319	809	1, 109	1, 100	826	267
Miscellaneous government products.....	171	231	196	374	791	827	739	477
Extracting industries, total.....	8, 085	9, 115	9, 894	11, 137	11, 676	11, 350	11, 306	11, 701
Metal mining.....	2, 895	3, 340	3, 697	4, 164	4, 227	3, 819	3, 424	3, 503
Coal mining.....	3, 525	3, 938	4, 181	4, 856	5, 168	5, 238	5, 382	5, 546
Nonmetallic mining and quarrying.....	828	939	1, 131	1, 230	1, 346	1, 348	1, 501	1, 646
Crude petroleum and natural gas production..	837	898	885	887	935	945	998	1, 006

Source: Federal Power Commission; annual report, Industrial Electric Power in the United States, 1939-1946.



**No. 980.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS, 1929 TO 1939, AND FOR SUBGROUPS AND INDUSTRIES, 1939**

[Figures do not represent exactly numbers of wage earners, values of products, etc., assignable to classes of commodities from which industries derive their names, as it is necessary for census purposes to classify each establishment as a whole in some one industry, according to its product of chief value, although in many cases a single establishment manufactures two or more classes of commodities. See also general note, p. 822]

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	Wages (\$1,000)	Cost of materials, etc., fuel, purchased energy, and contract work (\$1,000)	Value of products (\$1,000)	Value added by manufac- ture (\$1,000) <sup>1</sup>
<b>All industries, total.....</b>	<b>1939</b>	<b>184, 230</b>	<b>7, 886, 567</b>	<b>9, 089, 941</b>	<b>32, 160, 107</b>	<b>56, 843, 025</b>	<b>24, 682, 918</b>
	1937	166, 794	8, 560, 231	10, 112, 883	35, 539, 333	60, 712, 872	25, 173, 539
	1935	167, 916	7, 203, 794	7, 311, 329	26, 441, 145	44, 993, 699	18, 552, 553
	1929	206, 663	8, 369, 705	10, 884, 919	37, 402, 606	67, 994, 041	30, 591, 435
<b>Food and kindred products, total.....</b>	<b>1939</b>	<b>51, 448</b>	<b>823, 693</b>	<b>913, 985</b>	<b>7, 062, 039</b>	<b>10, 618, 026</b>	<b>3, 555, 987</b>
	1937	48, 763	890, 503	981, 409	7, 924, 135	11, 294, 890	3, 370, 755
	1935	48, 982	800, 108	804, 159	6, 738, 854	9, 543, 015	2, 804, 162
	1929	55, 325	740, 937	895, 713	8, 318, 856	11, 658, 706	3, 339, 848
<b>Meat products, total.....</b>	<b>1939</b>	<b>3, 387</b>	<b>147, 263</b>	<b>185, 213</b>	<b>2, 510, 514</b>	<b>3, 002, 639</b>	<b>492, 125</b>
Meat packing, wholesale.....	1939	1, 478	119, 853	161, 524	2, 226, 539	2, 648, 326	421, 787
Custom slaughtering, wholesale....	1939	40	640	689	478	1, 933	1, 455
Sausages, prepared meats, and other meat products—not made in meat-packing establishments....	1939	1, 067	11, 277	13, 473	165, 045	208, 048	43, 003
Sausage casings—not made in meat-packing establishments....	1939	37	987	882	3, 709	6, 015	2, 305
Poultry dressing and packing, wholesale.....	1939	765	14, 506	8, 645	114, 743	138, 318	23, 575
<b>Dairy products, total.....</b>	<b>1939</b>	<b>9, 535</b>	<b>50, 756</b>	<b>54, 539</b>	<b>870, 023</b>	<b>1, 153, 599</b>	<b>283, 537</b>
Creamery butter.....	1939	3, 506	17, 953	18, 379	418, 752	492, 221	73, 470
Cheese.....	1939	2, 682	5, 009	5, 156	91, 440	108, 207	16, 767
Condensed and evaporated milk....	1939	562	9, 705	11, 234	163, 523	209, 756	46, 233
Ice cream and ices.....	1939	2, 734	15, 711	17, 344	145, 924	235, 807	139, 883
Special dairy products.....	1939	51	2, 378	2, 427	50, 384	57, 569	7, 185
<b>Canned and preserved foods, total.....</b>	<b>1939</b>	<b>3, 053</b>	<b>134, 471</b>	<b>88, 741</b>	<b>520, 630</b>	<b>838, 126</b>	<b>317, 496</b>
Canned fish, crustacea, and mol- lusk.....	1939	214	15, 735	7, 228	40, 022	65, 456	25, 434
Cured fish.....	1939	114	1, 893	1, 670	10, 972	15, 615	4, 643
Canned and dried fruits and veg- etables (including canned soups).....	1939	2, 007	98, 022	65, 235	356, 281	587, 343	231, 063
Preserves, jams, jellies, and fruit butters.....	1939	171	3, 717	3, 126	26, 682	38, 026	11, 344
Pickled fruits and vegetables and vegetable sauces and seasonings....	1939	377	9, 908	7, 393	42, 619	72, 637	30, 019
Salad dressings.....	1939	134	2, 556	2, 434	37, 873	48, 942	11, 069
Quick-frozen foods.....	1939	36	2, 640	1, 656	6, 183	10, 107	3, 925
<b>Grain-mill products, total....</b>	<b>1939</b>	<b>3, 746</b>	<b>59, 682</b>	<b>56, 606</b>	<b>914, 504</b>	<b>1, 240, 464</b>	<b>325, 959</b>
Flour and other grain-mill prod- ucts.....	1939	2, 143	24, 771	28, 370	506, 062	649, 943	143, 882
Prepared feeds (including min- eral) for animals and fowls.....	1939	1, 383	15, 401	16, 253	302, 640	401, 880	99, 240
Cereal preparations.....	1939	70	7, 458	9, 857	58, 064	128, 383	70, 349
Rice cleaning and polishing.....	1939	72	2, 346	1, 533	23, 803	42, 363	8, 561
Blended and prepared flour made from purchased flour.....	1939	78	706	593	13, 966	17, 894	3, 928
<b>Bakery products, total.....</b>	<b>1939</b>	<b>18, 399</b>	<b>230, 796</b>	<b>239, 551</b>	<b>649, 477</b>	<b>1, 411, 817</b>	<b>762, 340</b>
Bread and other bakery products (except biscuit, crackers, and pretzels).....	1939	18, 043	201, 533	262, 002	567, 427	1, 211, 024	643, 597
Biscuit, crackers, and pretzels.....	1939	356	29, 173	28, 550	82, 049	200, 793	118, 743

<sup>1</sup> Value of products less cost of materials, containers, fuel, purchased electric energy, and contract work.

<sup>2</sup> Excludes cost of contract work.

**No 980.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS, 1929 TO 1939, AND  
FOR SUBGROUPS AND INDUSTRIES, 1939—Continued**

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	Wages (\$1,000)	Cost of materials, etc., fuel, purchased energy, and contract work (\$1,000)	Value of products (\$1,000)	Value added by manufac- ture (\$1,000) <sup>1</sup>
<b>Food, etc.—Continued</b>							
Sugar, total.....	1939	190	28,760	31,131	441,845	557,793	115,947
Cane sugar—except refineries.....	1939	78	4,217	2,573	23,017	33,527	10,510
Cane-sugar refining.....	1939	27	14,133	16,197	333,877	389,870	55,993
Beet sugar.....	1939	85	10,410	12,361	84,951	134,396	49,445
Confectionery and related products, total.....	1939	1,318	58,831	52,082	251,825	457,563	205,738
Candy and other confectionery products.....	1939	1,252	49,740	41,085	170,736	297,762	127,026
Chocolate and cocoa products.....	1939	39	6,464	7,711	63,460	99,018	35,559
Chewing gum.....	1939	27	2,627	3,286	17,630	60,783	43,153
Beverages, total.....	1939	5,745	67,777	95,293	432,143	1,068,340	656,198
Nonalcoholic beverages.....	1939	4,504	21,265	20,345	153,935	365,779	211,844
Malt liquors.....	1939	605	36,088	62,231	162,897	526,077	363,180
Malt.....	1939	52	1,459	2,593	39,296	58,479	19,183
Wines.....	1939	301	2,056	2,023	19,387	32,782	13,395
Liquors, distilled.....	1939	135	4,091	4,885	28,384	56,080	27,696
Liquors, rectified or blended.....	1939	148	2,818	3,216	28,245	49,144	20,899
Miscellaneous food prepa- rations and kindred prod- ucts, total.....	1939	6,075	54,447	59,828	471,077	867,724	396,647
Baking powder, yeast, and other leavening compounds.....	1939	47	2,334	3,654	14,462	31,775	17,312
Cooking and other edible fats and oils, not elsewhere classified.....	1939	50	4,672	5,397	154,358	186,262	31,895
Oleomargarine—not made in meat- packing establishments.....	1939	18	984	1,295	21,734	34,102	12,367
Corn sirup, corn sugar, corn oil, and starch.....	1939	35	6,764	10,586	66,916	119,408	52,493
Flavoring extracts and flavoring sirups, not elsewhere classified.....	1939	477	3,589	3,764	50,168	139,902	89,734
Vinegar and cider.....	1939	182	1,069	877	4,266	7,596	3,240
Ice, manufactured.....	1939	3,975	15,912	17,692	26,010	130,166	104,156
Macaroni, spaghetti, vermicelli, and noodles.....	1939	328	6,013	5,383	26,929	46,153	19,224
Food preparations, not elsewhere classified.....	1939	1,007	13,120	11,181	106,234	172,459	66,225
Tobacco manufactures, total.....	1939	765	87,525	68,500	972,937	1,322,189	350,152
	1937	852	92,158	70,291	947,628	1,272,688	325,059
	1935	890	90,543	59,448	809,025	1,093,400	284,375
	1929	1,788	116,119	94,579	<sup>2</sup> 429,272	1,246,242	( <sup>3</sup> )
Cigarettes.....	1939	35	27,426	26,068	811,068	1,037,748	226,679
Cigars.....	1939	598	50,897	34,240	79,249	160,754	81,505
Tobacco (chewing and smoking) and snuff.....	1939	182	9,202	8,193	81,719	123,687	41,968
Textile-mill products and other fiber manufactures, total <sup>4</sup> .....	1939	6,444	1,062,602	906,379	2,168,926	3,939,678	1,821,752
	1937	6,096	1,138,219	974,256	2,314,647	4,100,958	1,786,311
Cotton manufactures, total..	1939	1,248	409,317	292,536	595,394	1,168,171	572,777
Cotton broad woven goods.....	1939	661	312,249	225,175	431,023	869,354	438,331
Cotton narrow fabrics.....	1939	163	13,318	11,776	22,984	48,501	25,566
Cotton yarn.....	1939	349	70,452	45,055	114,741	198,940	84,199
Cotton thread.....	1939	75	13,298	10,529	26,695	51,376	24,681

<sup>1</sup> Value of products less cost of materials, containers, fuel, purchased electric energy, and contract work.

<sup>2</sup> Excludes cost of contract work.

<sup>3</sup> No comparable figure available as the internal-revenue tax is included in value of products but not in cost of materials, etc.

<sup>4</sup> No comparable figures available for 1929 and 1935.

No. 980.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS, 1929 TO 1939, AND  
FOR SUBGROUPS AND INDUSTRIES, 1939—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	Wages (\$1,000)	Cost of materials, etc., fuel, purchased energy, and contract work (\$1,000)	Value of products (\$1,000)	Value added by manufac- ture (\$1,000) <sup>1</sup>
<b>Textiles, etc.—Continued</b>							
Rayon and silk manufac- tures, total.....	1939	829	119,821	99,343	279,291	441,999	171,859
Rayon broad woven goods—reg- ular factories or jobbers engag- ing contractors.....	1939	196	65,432	53,435	177,443	272,714	98,271
Rayon broad woven goods—con- tract factories.....	1939	79	4,313	3,120	827	5,307	4,860
Rayon narrow fabrics.....	1939	120	5,999	4,785	9,014	20,516	11,503
Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors.....	1939	52	5,930	3,997	18,627	26,471	7,844
Rayon throwing and spinning— contract factories.....	1939	32	2,428	1,480	892	2,086	2,474
Silk broad woven goods—regular factories or jobbers engaging contractors.....	1939	82	8,754	7,606	21,639	35,733	14,094
Silk broad woven goods—contract factories.....	1939	27	1,098	725	132	1,102	970
Silk narrow fabrics.....	1939	100	4,809	3,852	4,823	13,123	8,310
Silk yarn and thread spun or thrown—regular factories or job- bers engaging contractors.....	1939	53	9,191	6,736	34,037	48,006	13,978
Silk throwing and spinning— contract factories.....	1939	78	12,374	7,535	2,408	15,853	12,446
Woolen and worsted manu- factures, total.....	1939	722	149,915	142,494	451,490	725,995	384,505
Woolen and worsted manufac- tures—regular factories or job- bers engaging contractors.....	1939	583	140,022	133,498	422,349	685,313	292,963
Woolen and worsted manufac- tures—contract factories.....	1939	76	6,072	6,061	2,097	13,187	11,059
Dyeing and finishing woolen and worsted.....	1939	63	3,821	3,945	26,953	37,437	10,494
Knit goods, total.....	1939	2,699	236,628	202,763	387,296	714,429	387,632
Hosiery—full-fashioned.....	1939	499	97,200	100,775	121,123	277,170	156,047
Hosiery—seamless.....	1939	433	61,852	41,862	66,575	138,955	72,090
Knitted cloth.....	1939	229	10,917	10,166	44,206	68,063	24,457
Knitted outerwear (except knit gloves)—regular factories or job- bers engaging contractors.....	1939	476	18,440	15,518	58,111	97,641	39,630
Knitted outerwear (except knit gloves)—contract factories.....	1939	233	4,109	3,196	799	5,560	5,790
Knitted underwear.....	1939	199	38,536	27,403	61,514	113,353	61,739
Knitted gloves.....	1939	20	5,574	3,839	4,998	12,396	7,367
Dyeing and finishing tex- tiles, except woolen and worsted, total.....	1939	590	43,645	65,596	150,310	294,869	144,539
Dyeing and finishing cotton, rayon, silk, and linen textiles.....	1939	468	60,237	61,745	140,472	271,167	130,695
Cloth sponging and miscellaneous special finishing.....	1939	112	2,811	3,852	9,838	23,682	13,844
Carpets, rugs, and other floor coverings, total.....	1939	162	38,892	46,165	195,672	223,953	124,263
Carpets and rugs, wool.....	1939	43	25,590	30,144	61,066	140,339	79,272
Carpet yarn, woolen and worsted.....	1939	16	3,137	3,500	11,869	19,953	8,113
Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cot- ton, cocon fiber, and rags.....	1939	84	3,137	3,116	4,398	9,758	5,391
Linoleum, asphalted-felt-base and other hard-surface floor cover- ings, not elsewhere classified.....	1939	17	7,028	10,406	26,360	69,875	41,506

<sup>1</sup> Value of products less cost of materials, containers, fuel, purchased electric energy, and contract work.

No. 980.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS, 1929 TO 1939, AND FOR SUBGROUPS AND INDUSTRIES, 1939—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	Wages (\$1,000)	Cost of materials, etc., fuel, purchased energy, and contract work (\$1,000)	Value of products (\$1,000)	Value added by manufac- ture (\$1,000) <sup>1</sup>
<b>Textiles, etc.—Continued</b>							
Hats, except cloth and millinery, total.....	1939	254	23, 639	24, 272	53, 094	101, 296	48, 163
Hat bodies and hats, fur-felt.....	1939	43	9, 928	11, 837	16, 988	30, 501	22, 513
Hat bodies and hats, wool-felt.....	1939	12	4, 421	4, 210	8, 174	16, 010	7, 836
Hats, straw.....	1939	11	488	438	727	1, 549	822
Hatters' fur.....	1939	37	1, 893	1, 579	7, 256	10, 956	3, 701
Finishing of men's and boys' hats of fur-felt, wool-felt, and straw.....	1939	151	6, 909	6, 207	19, 949	33, 240	13, 291
Finishing of men's and boys' hats of fur-felt.....	1939	115	4, 587	4, 267	15, 199	24, 078	8, 878
Finishing of men's and boys' hats of wool-felt.....	1939	10	151	147	656	981	326
Finishing of men's and boys' hats of straw.....	1939	26	2, 171	1, 793	4, 094	8, 181	4, 067
Miscellaneous textile goods, total.....	1939	560	41, 342	40, 209	125, 329	234, 213	106, 885
Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats).....	1939	37	3, 346	3, 857	13, 048	23, 574	10, 526
Lace goods.....	1939	63	7, 254	8, 107	8, 785	24, 138	15, 353
Batting, padding, and wadding; upholstery filling.....	1939	124	4, 504	4, 120	16, 921	30, 213	13, 292
Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors.....	1939	126	4, 225	3, 370	22, 234	31, 525	9, 291
Processed waste and recovered wool fibers—contract factories....	1939	27	619	564	245	1, 449	1, 204
Artificial leather and oilcloth.....	1939	36	3, 976	5, 391	25, 250	43, 434	18, 184
Linen goods.....	1939	9	1, 735	1, 496	3, 351	6, 298	2, 947
Jute goods (except felt).....	1939	22	3, 586	3, 118	7, 783	16, 897	9, 114
Cordage and twine.....	1939	116	12, 096	10, 185	27, 711	56, 686	28, 974
Apparel and other finished products made from fabrics and similar materials, total <sup>4</sup> .....	1939	20, 206	751, 377	654, 402	1, 943, 677	3, 325, 015	1, 381, 333
	1937	16, 277	692, 526	600, 108	1, 889, 062	3, 132, 760	1, 243, 699
Men's and boys' tailored clothing, total.....	1939	2, 449	137, 487	139, 728	334, 557	598, 273	263, 716
Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	1939	1, 371	89, 031	96, 044	329, 609	536, 613	207, 004
Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories.....	1939	1, 078	48, 456	43, 684	4, 948	61, 660	56, 713
Men's and boys' furnishings, work and sport garments, total.....	1939	1, 770	166, 945	105, 578	287, 692	489, 939	262, 247
Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.....	1939	449	57, 062	37, 323	107, 492	181, 174	73, 662
Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories.....	1939	141	13, 371	7, 619	1, 147	11, 192	10, 045

<sup>1</sup> Value of products less cost of materials, containers, fuel, purchased electric energy, and contract work.  
<sup>4</sup> No comparable figures available for 1929 and 1935.

No. 939.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS, 1929 TO 1939, AND  
FOR SUBGROUPS AND INDUSTRIES, 1939—Continued

GROUP OR INDUSTRY	Can- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	Wages (\$1,000)	Cost of materials, etc., fuel, purchased energy, and contract work (\$1,000)	Value of products (\$1,000)	Value added by manufac- ture (\$1,000) <sup>1</sup>
<b>Apparel, etc.—Continued</b>							
Men's and boys' underwear— made in inside factories or by jobbers engaging contractors.....	1939	44	5,332	3,032	10,006	15,606	5,502
Men's and boys' underwear— made in contract factories.....	1939	10	1,211	697	182	1,095	913
Trousers (sundress), wash suits, and washable service apparel.....	1939	237	19,641	12,641	34,813	60,965	26,172
Work shirts.....	1939	57	12,449	7,369	21,419	35,672	14,253
Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	1939	743	50,969	38,797	112,544	184,223	71,679
<b>Men's neckwear, total.....</b>	<b>1939</b>	<b>281</b>	<b>9,603</b>	<b>7,246</b>	<b>26,597</b>	<b>46,298</b>	<b>19,796</b>
Men's neckwear—made in inside factories or by jobbers engaging contractors.....	1939	247	8,686	5,796	20,452	45,405	18,953
Men's neckwear—made in con- tract factories.....	1939	34	917	550	145	988	842
<b>Men's and boys' hats and caps, and hat and cap ma- terials, total.....</b>	<b>1939</b>	<b>325</b>	<b>4,179</b>	<b>3,639</b>	<b>8,652</b>	<b>16,293</b>	<b>7,641</b>
Men's and boys' hats and caps (except felt and straw).....	1939	270	3,383	2,877	5,711	11,005	5,894
Hat and cap materials; trimmings, etc.....	1939	55	796	742	2,940	4,687	1,747
<b>Women's and misses' outer clothing, total.....</b>	<b>1939</b>	<b>6,267</b>	<b>207,642</b>	<b>204,120</b>	<b>537,554</b>	<b>1,615,757</b>	<b>416,293</b>
Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contrac- tors.....	1939	170	4,604	3,910	24,540	36,419	11,679
Women's and misses' blouses and waists—made in contract facto- ries.....	1939	132	5,109	3,483	337	5,311	4,974
Women's and misses' dresses (ex- cept house dresses)—made in inside factories or by jobbers engaging contractors.....	1939	1,426	53,996	51,632	284,628	441,325	156,697
Women's and misses' dresses (ex- cept house dresses)—made in contract factories.....	1939	1,490	49,742	46,748	3,301	64,986	61,635
House dresses, uniforms, and aprons—made in inside fac- tories or by jobbers engaging contractors.....	1939	487	27,633	17,636	64,663	104,446	—
House dresses, uniforms, and aprons—made in contract fac- tories.....	1939	256	10,961	—	490	9,262	8,763
Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.....	1939	1,120	24,049	33,561	194,096	281,146	87,061
Coats, suits, and skirts (except fur coats)—made in contract fac- tories.....	1939	946	21,405	22,856	3,544	32,851	30,307
Women's and misses' clothing not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	1939	281	6,281	5,287	22,552	36,759	12,108
Women's and misses' clothing not elsewhere classified—made in contract factories.....	1939	100	3,703	2,528	284	4,311	4,027

<sup>1</sup> Value of products less cost of materials, containers, fuel, purchased electric energy, and contract work.

No. 930.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS, 1929 TO 1939, AND  
FOR SUBGROUPS AND INDUSTRIES, 1939—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	Wages (\$1,000)	Cost of materials, etc., fuel, purchased energy, and contract work (\$1,000)	Value of products (\$1,000)	Value added by manufac- ture (\$1,000) <sup>1</sup>
<b>Apparel, etc.—Continued</b>							
Women's accessories except millinery, total.....	1939	1,064	58,952	43,597	143,125	248,786	105,663
Women's, children's, and infants' underwear and nightwear of knitted fabrics.....	1939	139	6,398	4,373	14,855	24,608	9,754
Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics.....	1939	174	11,349	7,462	21,944	37,184	15,240
Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics.....	1939	372	20,509	14,349	50,021	90,628	31,006
Corsets and allied garments.....	1939	272	18,765	15,734	40,105	84,418	44,313
Women's neckwear, scarfs, etc.....	1939	107	1,931	1,678	7,200	11,948	4,748
Millinery.....	1939	1,050	24,298	26,060	48,236	105,601	57,365
Children's and infants' outerwear, total.....	1939	574	23,804	19,176	52,862	96,484	43,622
Children's dresses—made in inside factories or by jobbers engaging contractors.....	1939	182	10,646	8,064	24,835	46,742	21,907
Children's dresses—made in contract factories.....	1939	114	4,487	2,599	211	3,842	3,630
Children's coats—made in inside factories or by jobbers engaging contractors.....	1939	108	2,130	3,008	17,162	24,971	7,809
Children's coats—made in contract factories.....	1939	45	1,181	1,325	204	1,947	1,743
Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	1939	103	4,365	3,503	10,378	17,942	7,564
Children's and infants' wear not elsewhere classified—made in contract factories.....	1939	22	995	678	73	1,041	968
Fur coats and other fur garments, accessories, and trimmings.....	1939	2,175	13,111	23,403	107,752	168,632	60,280
Miscellaneous apparel, total.....	1939	971	38,288	29,456	94,917	159,596	64,681
Belts (apparel) regardless of material.....	1939	245	4,222	4,067	9,900	19,076	9,176
Work gloves and mittens: Cloth, cloth and leather combined.....	1939	94	8,901	5,663	11,923	22,457	10,530
Dress and semidress gloves and mittens: Cloth and cloth and leather combined.....	1939	49	3,396	2,298	3,638	7,708	4,065
Handkerchiefs—made in inside factories or by jobbers engaging contractors.....	1939	60	3,734	2,627	13,835	20,419	6,585
Handkerchiefs—made in contract factories.....	1939	20	1,105	693	165	1,182	1,017
Suspenders, garters, and other goods made from purchased elastic material.....	1939	66	2,558	1,956	8,918	15,483	6,505
Robes, lounging garments, and dressing gowns.....	1939	264	7,877	5,701	25,684	39,830	14,146
Raincoats and other waterproof garments (except oiled cotton).....	1939	76	2,323	1,874	7,063	11,304	4,221
Clothing, leather and sheep-lined.....	1939	97	4,672	4,578	13,766	22,142	8,376

<sup>1</sup> Value of products less cost of materials, containers, fuel, purchased electric energy, and contract work.



No. 980.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS, 1929 TO 1939, AND  
FOR SUBGROUPS AND INDUSTRIES, 1939—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	Wages (\$1,000)	Cost of materials, etc., fuel, purchased energy, and contract work (\$1,000)	Value of products (\$1,000)	Value added by manufac- ture (\$1,000) <sup>1</sup>
<b>Apparel, etc.—Continued</b>							
Embroideries and trim- mings, total.....	1939	1,431	17,828	15,567	26,152	62,677	36,525
Embroideries: Schiffli-machine products.....	1939	308	3,750	3,248	6,120	14,122	7,993
Embroideries, other than Schiffli- machine products—made in regular factories or by jobbers engaging contractors.....	1939	54	608	505	671	1,686	1,015
Embroideries, other than Schiffli- machine products—contract fac- tories.....	1939	357	4,180	3,324	1,622	8,220	6,508
Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regu- lar factories or by jobbers en- gaging contractors.....	1939	227	3,728	3,153	15,944	26,130	10,195
Trimmings (not made in textile mills), stamped art goods, and art needlework—contract fac- tories.....	1939	395	5,553	5,330	1,786	12,510	10,723
Miscellaneous fabricated textile products, total.....	1939	1,759	49,242	36,741	215,581	317,184	101,602
Curtains, draperies, and bed- spreads—made in regular fac- tories or by jobbers engaging contractors.....	1939	362	15,798	9,472	47,475	70,233	22,758
Curtains, draperies, and bed- spreads—contract factories.....	1939	75	1,100	798	200	1,679	1,419
Housefurnishings (except cur- tains, draperies, and bed- spreads).....	1939	472	10,623	8,060	43,973	67,521	23,548
Textile bags—not made in textile mills.....	1939	216	11,991	10,003	93,807	121,702	27,895
Canvas products (except bags).....	1939	334	3,800	3,621	13,030	24,408	11,378
Miscellaneous fabricated textile products not elsewhere classified.	1939	300	5,852	4,780	17,037	31,640	14,604
Lumber and timber basic prod- ucts, total.....	1939	11,520	360,613	310,381	504,243	1,122,068	617,815
	1937	10,420	387,514	339,787	512,475	1,146,285	633,810
	<sup>2</sup> 1935	8,734	303,527	225,253	331,548	747,886	416,338
	<sup>3</sup> 1929	17,764	500,218	538,008	<sup>3</sup> 715,612	1,827,066	1,114,444
Logging camps and logging contractors (not operating sawmills).....	1939	967	22,785	22,703	23,165	69,621	14,456
Sawmills, veneer mills, and cooperage - stock mills, including those combined with logging camps and with planing mills.....	1939	7,391	265,185	214,920	290,019	692,945	412,925
Planing and plywood mills, total.....	1939	3,162	72,643	72,758	196,059	359,492	168,433
Planing mills not operated in con- junction with sawmills.....	1939	3,076	62,838	62,815	177,735	320,614	142,879
Plywood mills.....	1939	86	9,805	9,943	18,325	38,879	20,554

<sup>1</sup> Value of products less cost of materials, containers, fuel, purchased electric energy, and contract work.

<sup>2</sup> Excludes cost of contract work.

<sup>3</sup> Not comparable with figures for 1937 and 1939 because the manufacture of venetian blinds was included.

No. 930.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS, 1929 TO 1939, AND  
FOR SUBGROUPS AND INDUSTRIES, 1939—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	Wages (\$1,000)	Cost of materials, etc., fuel, purchased energy, and contract work (\$1,000)	Value of products (\$1,000)	Value added by manufac- ture (\$1,000) <sup>1</sup>
<b>Furniture and finished lumber products, total.....</b>	1939	8,457	293,570	274,738	640,956	1,267,724	626,768
	1937	7,559	310,449	299,212	681,387	1,317,650	636,263
	<sup>2</sup> 1935	7,471	253,577	211,621	493,331	946,793	453,463
	<sup>3</sup> 1929	9,125	334,171	394,910	<sup>4</sup> 899,832	1,792,147	892,315
<b>Household furniture, total..</b>	1939	3,392	143,051	133,579	282,111	570,468	288,367
Mattresses and bed springs.....	1939	947	18,342	19,498	60,942	113,115	52,173
Upholstered household furniture..	1939	853	29,949	30,082	65,977	128,724	62,746
Household furniture except uphol- stered.....	1929	1,592	94,760	83,999	155,192	328,630	173,437
<b>Office furniture.....</b>	1939	152	11,776	13,674	22,570	54,750	32,189
<b>Public building and pro- fessional furniture, total..</b>	1939	188	8,882	9,919	17,751	41,334	28,583
Public building furniture.....	1939	106	5,900	6,568	11,438	26,679	15,241
Laboratory, hospital, and other professional furniture.....	1939	82	2,982	3,351	6,314	14,655	8,342
<b>Partitions, shelving, cabinet work, and office and store fixtures.....</b>	1939	716	13,826	17,735	30,507	70,718	40,212
<b>Wooden containers, total...</b>	1939	1,251	45,070	33,132	79,960	150,150	70,170
Baskets for fruits and vegetables..	1939	153	8,048	4,470	5,749	14,286	8,538
Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets..	1939	47	1,377	926	1,674	3,918	2,244
Cigar boxes: wooden, part wooden..	1939	59	3,101	2,017	2,483	6,331	3,848
Wooden boxes except cigar boxes..	1939	642	25,351	19,159	45,757	87,354	41,597
Cooperage.....	1939	350	7,193	6,560	24,318	38,261	13,943
<b>Window and door screens, shades, and venetian blinds, total.....</b>	1939	709	11,270	11,203	36,918	63,260	31,342
Window and door screens and weather strip.....	1939	162	2,830	2,984	7,842	15,224	7,381
Window shades.....	1939	273	3,261	3,411	15,410	27,071	11,661
Venetian blinds.....	1939	274	5,179	4,808	13,665	25,965	12,300
<b>Caskets, coffins, burial cases, and other mor- ticians' goods.....</b>	1939	599	12,447	13,392	31,862	70,353	38,491
<b>Miscellaneous wood prod- ucts, total.....</b>	1939	1,450	47,248	42,104	139,257	241,691	102,433
Excelsior.....	1939	53	925	700	1,382	2,987	1,006
Cork products.....	1939	35	2,923	3,302	8,412	17,724	9,311
Matches.....	1939	28	5,426	5,598	14,098	25,577	11,479
Wood preserving.....	1939	218	11,242	9,764	77,477	106,295	28,818
Lasts and related products.....	1939	48	1,519	1,995	2,026	6,672	4,646
Mirror frames and picture frames..	1939	182	3,220	3,065	5,570	13,250	7,679
Wood products not elsewhere clas- sified.....	1939	886	21,993	17,680	30,291	69,186	38,895
<b>Paper and allied products, total <sup>5</sup></b>	1939	3,279	264,716	309,857	1,149,666	2,019,568	860,962
	1937	3,064	266,944	310,137	1,213,559	2,076,425	863,866
<b>Pulp mills and paper and paperboard mills, total....</b>	1939	832	137,445	175,638	676,997	1,159,867	432,870
Pulp mills.....	1939	194	26,870	33,068	144,737	226,852	82,115

<sup>1</sup> Value of products less cost of materials, containers, fuel, purchased electric energy, and contract work.

<sup>2</sup> Excludes cost of contract work.

<sup>3</sup> No comparable figures available for 1929 and 1935.

<sup>4</sup> Not comparable with figures for 1937 and 1939 because the manufacture of venetian blinds was excluded.

**No. 980.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS, 1929 TO 1939, AND FOR SUBGROUPS AND INDUSTRIES, 1939—Continued**

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	Wages (\$1,000)	Cost of materials, etc., fuel, purchased energy, and contract work (\$1,000)	Value of products (\$1,000)	Value added by manufac- ture (\$1,000) <sup>1</sup>
<b>Paper, etc.—Continued</b>							
Paper and paperboard mills.....	1939	638	110,575	142,600	532,261	933,016	400,755
Converted paper products, total.....	1939	2,433	126,570	133,350	471,146	855,874	384,728
Coated and glazed paper.....	1939	140	7,450	9,384	53,628	84,387	30,759
Envelopes.....	1939	169	8,689	9,597	24,623	50,118	25,495
Paper bags, except those made in paper mills.....	1939	119	11,081	10,629	53,964	85,776	31,812
Fiber cans, tubes, and similar products.....	1939	116	6,637	6,963	13,952	33,345	19,393
Paperboard containers and boxes not elsewhere classified.....	1939	1,338	62,530	63,806	213,839	382,710	168,871
Die-cut paper and paperboard, and converted cardboard.....	1939	121	4,354	5,454	16,069	33,264	17,194
Wallpaper.....	1939	46	4,054	5,333	11,096	24,969	13,273
Converted paper products not elsewhere classified.....	1939	384	21,775	22,135	83,375	161,306	77,930
Pulp goods (pressed, mold- ed).....	1939	14	701	819	1,523	3,326	2,304
Printing, publishing, and allied industries, total.....	1939	24,878	324,535	493,616	812,068	2,578,464	1,766,457
	1937	22,674	350,952	530,214	790,227	2,576,818	1,786,591
	1935	22,505	302,643	443,923	610,694	2,157,334	1,546,640
	1929	27,211	353,964	630,506	929,172	3,144,894	2,215,722
Newspapers, total.....	1939	7,309	97,251	164,718	232,492	910,189	677,697
Newspapers: publishing without printing.....	1939	431	200	363	5,315	11,964	6,649
Newspapers: publishing and printing.....	1939	6,878	96,991	164,355	227,177	898,225	671,048
Periodicals, total.....	1939	2,558	21,421	33,553	174,297	468,847	294,550
Periodicals: publishing without printing.....	1939	1,958	436	550	116,664	266,832	150,167
Periodicals: publishing and printing.....	1939	600	20,985	33,003	57,633	202,015	144,382
Books, total.....	1939	1,396	22,773	33,638	79,289	236,752	157,463
Books: publishing without print- ing.....	1939	556	135	196	35,548	109,579	74,031
Books: publishing and printing...	1939	150	6,091	8,465	11,729	39,517	27,789
Books: printing without pub- lishing.....	1939	690	16,547	25,038	32,012	87,656	55,644
General commercial (job) printing.....	1939	9,596	96,639	132,945	191,734	515,436	323,702
Lithographing and photo- lithographing (including preparation of stones or plates and dry transfers)...	1939	749	26,000	37,929	57,686	154,395	96,706
Greeting cards (except hand-painted).....	1939	109	7,522	7,264	15,490	39,715	24,225
Gravure, rotogravure, and rotary photogravure (in- cluding preparation of plates).....	1939	24	2,623	5,436	7,243	18,615	11,372
Bookbinding and related industries.....	1939	1,133	25,690	29,063	30,429	102,591	72,163

<sup>1</sup> Value of products less cost of materials, containers, fuel, purchased electric energy, and contract work.

No. 980.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS, 1929 TO 1939, AND  
FOR SUBGROUPS AND INDUSTRIES, 1939—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	Wages (\$1,000)	Cost of materials, etc., fuel, purchased energy, and contract work (\$1,000)	Value of products (\$1,000)	Value added by manufac- ture (\$1,000) <sup>1</sup>
<b>Printing, etc.—Continued</b>							
Service industries for the printing trades, total.....	1939	2,005	25,216	49,069	23,347	131,925	106,577
Machine and hand typesetting (including advertisement type- setting).....	1939	641	6,244	10,425	3,052	25,006	22,044
Engraving (steel, copperplate, and wood); plate printing.....	1939	436	5,353	7,156	6,029	22,164	16,124
Photoengraving not done in printing establishments (in- cluding preparation of plates).....	1939	694	9,207	22,568	7,362	55,619	48,258
Electrotyping and stereotyping, not done in printing establish- ments.....	1939	234	4,412	8,920	6,904	29,045	22,141 <sup>1</sup>
<b>Chemicals and allied products, total,<sup>4</sup>.....</b>							
	1939	9,203	287,136	356,176	1,854,140	3,733,653	1,879,517
	1937	8,618	313,539	377,487	1,942,250	3,718,406	1,776,156
Paints, varnishes, and col- ors, total.....	1939	1,255	28,173	39,816	288,959	518,847	229,887
Paints, varnishes, and lacquers....	1939	1,166	22,334	31,702	245,571	434,961	189,390
Colors and pigments.....	1939	89	5,839	8,114	43,388	83,886	40,497
Animal and vegetable oils (not including lubricants or cooking and salad oils), total.....	1939	663	21,678	16,924	269,801	337,323	67,526
Cottonseed oil, cake, meal, and linters.....	1939	447	15,191	8,939	138,764	171,476	32,712
Linseed oil, cake, and meal.....	1939	25	2,120	3,193	56,456	68,012	11,556
Soybean oil, cake, and meal.....	1939	47	1,481	1,889	34,435	43,947	9,512
Essential oils.....	1939	14	255	357	6,861	9,814	2,953
Fish and other marine oils, cake, and meal.....	1939	76	1,523	1,308	8,907	13,622	4,715
Vegetable and animal oils, not elsewhere classified.....	1939	54	1,108	1,237	24,378	30,457	6,079
Drugs, medicines, toilet preparations, insecticides, and related products, total.....	1939	2,407	37,766	38,935	218,158	605,895	357,737
Drugs and medicines (including drug grinding).....	1939	1,094	22,386	23,898	115,273	364,985	249,713
Perfumes, cosmetics, and other toilet preparations.....	1939	539	10,363	9,644	58,510	147,466	88,966
Insecticides, fungicides, and re- lated industrial and household chemical compounds.....	1939	774	5,017	5,893	44,376	93,444	49,068
Soap and glycerin.....	1939	264	13,624	18,801	161,003	302,634	141,632
Rayon and allied products....	1939	30	48,332	60,030	78,460	247,086	168,006
Hardwood distillation, char- coal, and naval stores, total.....	1939	823	5,094	3,731	23,848	38,319	14,471
Hardwood distillation and char- coal manufacture.....	1939	43	1,770	1,531	3,928	6,843	2,915
Wood naval stores.....	1939	25	2,853	1,867	6,524	14,114	7,500
Gum naval stores (processing but not gathering or warehousing)...	1939	755	971	334	13,396	17,362	3,956

<sup>1</sup> Value of products less cost of materials, containers, fuel, purchased electric energy, and contract work.

<sup>4</sup> No comparable figures available for 1929 and 1935.

No. 980.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS, 1929 TO 1939, AND  
FOR SUBGROUPS AND INDUSTRIES, 1939—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	Wages (\$1,000)	Cost of materials, etc., fuel, purchased energy, and contract work (\$1,000)	Value of products (\$1,000)	Value added by manufac- ture (\$1,000) <sup>1</sup>
<b>Chemicals, etc.—Continued</b>							
Fertilizers.....	1939	764	18,744	12,678	128,630	185,684	57,055
Industrial chemicals, total..	1939	1,340	88,801	134,380	514,682	1,169,061	654,379
Tanning materials, natural dye- stuffs, mordants, assistants, and sizes.....	1939	158	2,716	3,008	23,860	42,165	18,304
Coal-tar products, crude and in- termediate.....	1939	49	2,338	3,598	25,557	42,917	17,360
Plastic materials.....	1939	38	6,966	9,840	40,564	77,653	37,090
Explosives.....	1939	80	7,242	10,964	26,860	71,063	44,193
Salt.....	1939	40	3,737	4,235	9,569	27,530	17,961
Compressed and liquefied gases— not made in petroleum refineries or in natural gasoline plants.....	1939	379	3,960	5,854	13,582	53,865	39,833
Bone black, carbon black, and lampblack.....	1939	53	1,574	2,001	6,103	14,627	8,523
Chemicals not elsewhere classified.	1939	543	60,268	94,884	368,636	839,750	471,115
Miscellaneous chemical products, total.....	1939	1,657	24,924	29,882	170,600	328,824	158,225
Printing ink.....	1939	206	2,572	3,701	25,166	49,132	23,966
Ammunition.....	1939	13	4,264	4,953	13,004	29,091	16,087
Cleaning and polishing prepara- tions, blackings, and dressings..	1939	637	5,128	5,667	37,670	89,767	52,097
Glue and gelatin.....	1939	80	3,039	3,942	18,794	34,332	15,538
Grease and tallow (except lubri- cating greases).....	1939	310	5,201	6,509	38,115	58,226	20,111
Lubricating oils and greases—not made in petroleum refineries....	1939	232	2,128	2,713	28,981	49,057	20,126
Fireworks.....	1939	59	1,158	987	1,853	4,628	2,775
Candles.....	1939	28	840	817	3,338	6,329	2,991
Bluing.....	1939	13	55	56	386	1,142	756
Mucilage, paste, and other adhe- sives, except glue and rubber cement.....	1939	64	285	290	2,141	4,169	2,028
Writing ink.....	1939	15	254	247	1,202	2,951	1,749
Products of petroleum and coal, total <sup>4</sup> .....	1939	989	105,428	173,702	2,278,486	2,953,973	675,488
	1937	739	113,606	186,003	2,418,665	3,038,203	619,538
Petroleum refining.....	1939	485	72,840	128,214	1,933,264	2,461,127	527,862
Coke and byproducts, total..	1939	112	21,693	32,481	261,217	346,978	85,761
Beehive coke.....	1939	29	685	701	3,567	4,781	1,214
Oven coke and coke-oven by- products.....	1939	83	21,008	31,780	257,651	342,197	84,547
Paving and roofing mate- rials, total.....	1939	360	10,485	12,522	80,433	140,581	69,148
Paving blocks and paving mix- tures: asphalt, creosoted wood, and composition.....	1939	231	2,437	2,681	19,027	32,754	13,728
Roofing, built-up and roll; as- phalt shingles; roof coating (ex- cept paint).....	1939	129	8,048	9,841	61,046	107,827	46,421
Fuel briquets.....	1939	32	410	485	3,571	5,287	1,716

<sup>1</sup> Value of products less cost of materials, containers, fuel, purchased electric energy, and contract work.

<sup>4</sup> No comparable figures available for 1929 and 1935.

No. 930.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS, 1929 TO 1939, AND  
FOR SUBGROUPS AND INDUSTRIES, 1939—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	Wages (\$1,000)	Cost of materials, etc., fuel, purchased energy, and contract work (\$1,000)	Value of products (\$1,000)	Value added by manufac- ture (\$1,000) <sup>1</sup>
Rubber products, total.....	1939	595	120,740	161,410	496,174	902,329	406,155
	1937	478	129,818	171,305	514,200	883,033	368,772
	1935	466	114,681	133,715	368,811	677,659	308,848
	1929	525	149,148	207,306	<sup>2</sup> 578,678	1,117,460	538,783
Tires and inner tubes.....	1939	53	54,115	89,774	349,557	580,929	231,372
Rubber boots and shoes.....	1939	13	14,861	16,802	29,749	49,981	29,231
Miscellaneous rubber in- dustries, total.....	1939	529	51,764	54,835	125,868	271,419	145,531
Reclaimed rubber.....	1939	10	1,072	1,477	2,992	6,894	3,902
Rubber products not elsewhere classified.....	1939	519	50,692	53,358	122,875	264,525	141,650
Leather and leather products, total.....	1939	3,508	327,663	294,290	805,911	1,389,514	583,063
	<sup>3</sup> 1937	<i>3,949</i>	<i>328,551</i>	<i>308,027</i>	<i>891,329</i>	<i>1,475,009</i>	<i>583,780</i>
	<sup>3</sup> 1937	<i>3,364</i>	<i>331,955</i>	<i>311,293</i>	<i>899,409</i>	<i>1,491,513</i>	<i>592,043</i>
	1935	3,506	310,755	279,740	694,293	1,224,431	530,139
	1929	4,285	318,472	359,461	<sup>2</sup> 1,132,022	1,906,201	774,179
Leather, tanned, curried, and finished, total.....	1939	446	47,252	56,783	229,044	346,436	117,394
Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors.....	1939	335	41,795	50,570	222,741	329,728	106,967
Leather: tanned, curried, and finished—contract factories.....	1939	111	5,457	6,213	6,303	16,710	10,407
Leather products, total.....	1939	3,062	289,411	237,507	576,868	1,043,076	406,386
Industrial leather belting and packing leather.....	1939	190	2,337	2,861	13,596	24,410	10,814
Boot and shoe cut stock and findings.....	1939	520	18,845	17,196	90,487	129,899	38,912
Footwear (except rubber).....	1939	1,070	218,028	183,658	388,439	734,673	346,234
Leather gloves and mittens.....	1939	233	9,995	7,409	13,763	26,831	13,068
Suitcases, briefcases, bags, trunks, and other luggage.....	1939	329	8,326	7,919	19,215	36,591	17,377
Women's pocketbooks, hand bags, and purses.....	1939	286	14,048	11,239	32,878	55,807	22,929
Small leather goods.....	1939	118	3,615	2,751	7,372	14,334	6,962
Saddlery, harness, and whips.....	1939	156	2,755	2,388	6,877	12,118	5,242
Leather goods not elsewhere clas- sified.....	1939	160	2,462	2,087	4,241	8,911	4,671
Stone, clay, and glass products, total.....	1939	7,024	237,522	329,560	528,792	1,440,151	911,399
	1937	6,196	306,211	355,451	538,160	1,428,411	890,251
	1935	5,846	237,979	230,881	365,476	970,738	605,262
	1929	8,677	334,894	441,564	<sup>2</sup> 546,942	1,604,470	1,057,528
Flat glass.....	1939	37	16,739	24,009	33,849	102,389	68,549
Glassware, pressed or blown, total.....	1939	192	53,063	64,296	86,927	255,589	168,662
Glass containers.....	1939	77	25,753	34,181	59,893	158,272	98,378
Tableware, pressed or blown glass and glassware not elsewhere classified.....	1939	115	27,330	30,115	27,033	97,317	70,284
Mirrors and other glass products made of pur- chased glass.....	1939	557	10,012	10,615	28,455	49,886	23,422

<sup>1</sup> Value of products less cost of materials, containers, fuel, purchased electric energy, and contract work.

<sup>2</sup> Excludes cost of contract work.

<sup>3</sup> 1937 figures in *italics* are comparable with 1939 statistics and exclude data for 115 establishments which have been transferred to another group. No adjustment was made for other years. 1937 statistics in roman type are comparable with statistics for earlier years.



No. 930.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS, 1929 TO 1939, AND  
FOR SUBGROUPS AND INDUSTRIES, 1939—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	Wages (\$1,000)	Cost of materials, etc., fuel, purchased energy, and contract work (\$1,000)	Value of products (\$1,000)	Value added by manufac- ture (\$1,000) <sup>1</sup>
<b>Stone, clay, etc.—Continued</b>							
Cement.....	1939	160	28,801	31,588	68,530	192,611	124,082
Structural clay products, total.....	1939	1,206	56,745	54,831	47,630	165,780	112,119
Brick and hollow structural tile...	1939	800	20,060	26,349	22,470	78,153	55,684
Terra cotta.....	1939	12	1,099	1,299	757	3,175	2,418
Roofing tile.....	1939	16	628	616	376	1,825	1,449
Floor and wall tile (except quarry tile).....	1939	49	5,681	5,931	5,142	17,659	12,517
Sewer pipe and kindred products...	1939	65	6,406	6,818	4,628	18,296	13,668
Clay refractories, including refrac- tory cement (clay).....	1939	165	12,211	12,324	13,214	42,191	28,978
Clay products (except pottery) not elsewhere classified.....	1939	99	1,651	1,494	1,043	4,450	3,407
Pottery and related prod- ucts, total.....	1939	290	33,105	37,459	28,927	98,884	69,957
Vitreous china plumbing fixtures...	1939	25	4,534	6,316	6,982	21,979	14,997
Hotel china.....	1939	17	4,350	4,639	1,707	9,360	7,653
Whiteware.....	1939	31	11,728	13,150	8,157	27,801	19,644
Porcelain electrical supplies.....	1939	42	6,018	6,530	7,144	20,817	13,673
China firing and decorating (for the trade).....	1939	24	421	426	1,119	2,334	1,215
Pottery products not elsewhere classified.....	1939	151	6,054	6,398	3,818	16,593	12,776
Concrete, gypsum, and plaster products.....	1939	2,559	39,869	42,613	114,424	257,596	143,174
Concrete products.....	1939	2,040	17,363	18,770	65,685	130,393	64,709
Gypsum products.....	1939	68	4,936	6,666	16,694	46,242	20,548
Mineral wool.....	1939	58	1,885	1,821	3,535	8,238	4,703
Wallboard and wall plaster (ex- cept gypsum), building insula- tion (except mineral wool), and floor composition.....	1939	124	6,227	6,288	14,804	35,754	20,949
Lime.....	1939	269	9,458	9,060	13,706	36,971	23,265
Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	1939	1,244	18,516	22,009	26,237	75,812	50,525
Miscellaneous nonmetallic mineral products, total.....	1939	779	35,654	42,148	96,764	241,633	144,868
Abrasive wheels, stones, paper, cloth, and related products.....	1939	124	7,734	10,683	26,506	71,271	44,765
Asbestos products (except steam packing and pipe and boiler covering).....	1939	79	9,979	11,579	23,928	60,774	36,846
Steam and other packing; pipe and boiler covering.....	1939	134	5,907	7,190	17,608	37,170	19,562
Natural graphite, ground and refined.....	1939	6	56	66	852	1,251	399
Minerals and earths, ground or otherwise treated.....	1939	237	5,858	5,750	14,660	38,903	24,244
Sand-lime brick, block and tile...	1939	27	346	414	638	1,916	1,278
Nonclay refractories.....	1939	46	4,792	5,316	11,598	26,906	15,308
Statuary and art goods (except stone and concrete), factory production.....	1939	126	983	1,150	975	3,440	2,465
Iron and steel and their prod- ucts, except machinery, total <sup>2</sup> ...	1939	8,994	964,367	1,313,633	3,635,371	6,591,589	2,955,660
	1937	8,382	1,140,929	1,619,788	4,056,338	7,445,350	3,380,012

<sup>1</sup> Value of products less cost of materials, containers, fuel, purchased electric energy, and contract work.

<sup>2</sup> No comparable figures available for 1929 and 1935.

No. 930.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS, 1929 TO 1939, AND  
FOR SUBGROUPS AND INDUSTRIES, 1939—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	Wages (\$1,000)	Cost of materials, etc., fuel, purchased energy, and contract work (\$1,000)	Value of products (\$1,000)	Value added by manufac- ture (\$1,000) <sup>1</sup>
<b>Iron and steel, etc.—Continued</b>							
Blast furnaces, steel works, and rolling mills, total.....	1939	334	388,441	596,037	2,036,191	3,270,822	1,234,631
Blast-furnace products.....	1939	81	19,537	28,312	463,719	550,802	87,083
Steel works and rolling mills.....	1939	253	368,904	569,724	1,572,472	2,720,020	1,147,548
Iron and steel foundry prod- ucts, total.....	1939	1,482	123,045	151,738	170,169	463,716	298,547
Gray iron and semisteel castings...	1939	1,161	58,428	70,758	78,972	209,720	130,748
Malleable iron castings.....	1939	83	18,041	21,555	17,951	53,451	35,500
Steel castings.....	1939	164	30,088	41,942	45,232	135,466	90,234
Cast iron pipe and fittings.....	1939	74	16,488	17,483	28,014	65,079	37,065
Tin cans and other tinware not elsewhere classified...	1939	248	31,770	36,398	249,044	372,616	123,572
Wire products.....	1939	800	54,870	68,235	180,770	348,228	167,458
Wire drawn from purchased rods...	1939	95	21,969	29,966	99,982	176,508	76,521
Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills...	1939	36	2,515	2,730	5,836	12,908	7,072
Wirework not elsewhere classified...	1939	669	30,386	35,539	74,952	158,817	83,865
Cutlery, tools, and hard- ware, total.....	1939	1,196	73,664	84,057	116,121	319,455	238,334
Cutlery (except aluminum, silver, and plated cutlery) and edge tools.....	1939	266	15,399	16,797	18,756	59,924	41,168
Tools (except edge tools, machine tools, files, and saws).....	1939	387	15,343	18,002	27,355	75,290	47,935
Files.....	1939	22	3,205	3,839	2,453	11,294	8,841
Saws.....	1939	87	4,072	5,198	6,784	18,471	11,686
Hardware not elsewhere classified...	1939	434	35,645	40,221	60,772	154,476	93,704
Heating apparatus and plumbers' supplies, total...	1939	1,673	119,919	149,088	294,670	686,126	391,458
Enameled iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware).....	1939	259	24,605	30,769	52,630	125,578	72,948
Oil burners, domestic and indus- trial.....	1939	130	1,498	1,893	10,273	18,468	8,195
Power boilers and associated products.....	1939	448	18,888	25,298	70,655	140,960	70,306
Steam and hot-water heating-ap- paratus (including hot-water furnaces).....	1939	68	8,493	9,922	17,165	45,378	26,213
Stoves, ranges, water heaters, and hot-air furnaces (except electric)...	1939	449	41,701	48,069	97,475	223,427	126,962
Steam fittings, regardless of ma- terial.....	1939	181	21,815	29,630	37,667	111,986	74,318
Heating and cooking apparatus, except electric, not elsewhere classified.....	1939	138	2,919	3,508	8,805	20,330	11,526
Metal stamping, enameling, galvanizing, japanning, and lacquering, total.....	1939	963	55,551	64,352	136,284	283,599	147,315
Vitreous enameled products, in- cluding kitchen, household, and hospital utensils.....	1939	55	10,800	11,442	20,348	44,299	23,891
Automobile stampings.....	1939	90	8,597	11,970	21,827	47,833	26,006

<sup>1</sup> Value of products less cost of materials, containers, fuel, purchased electric energy, and contract work.

No. 930.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS, 1929 TO 1939, AND  
FOR SUBGROUPS AND INDUSTRIES, 1939—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	Wages (\$1,000)	Cost of materials, etc., fuel, purchased energy, and contract work (\$1,000)	Value of products (\$1,000)	Value added by manufac- ture (\$1,000) <sup>1</sup>
<b>Iron and steel, etc.—Continued</b>							
Stamped and pressed metal prod- ucts (except automobile stamp- ings).....	1939	655	33, 112	37, 535	89, 141	178, 395	89, 254
Enameling, japanning, and lac- quering.....	1939	80	1, 821	2, 062	2, 456	6, 936	4, 480
Galvanizing and other coating— carried on in plants not oper- ated in connection with rolling mills.....	1939	83	1, 212	1, 343	2, 513	6, 196	3, 683
Fabricated structural steel and ornamental metal- work, total.....	1939	1, 343	43, 217	53, 081	191, 475	332, 889	141, 414
Fabricated structural steel and ornamental metalwork, made in plants not operated in con- nection with rolling mills.....	1939	1, 138	35, 477	47, 550	172, 437	284, 670	112, 282
Doors, window sash, frames, molding, and trim (made of metal).....	1939	205	7, 740	10, 531	19, 037	48, 219	29, 182
Miscellaneous iron and steel products, total.....	1939	955	75, 899	103, 648	261, 147	514, 080	252, 933
Bolts, nuts, washers, and rivets— made in plants not operated in connection with rolling mills....	1939	155	14, 331	18, 333	38, 709	84, 118	45, 409
Forgings, iron and steel—made in plants not operated in con- nection with rolling mills.....	1939	207	15, 372	22, 652	51, 974	104, 883	52, 910
Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills.....	1939	49	8, 370	12, 306	41, 856	75, 865	34, 008
Springs, steel (except wire)—made in plants not operated in connec- tion with rolling mills.....	1939	53	2, 940	4, 277	12, 796	23, 044	10, 249
Screw-machine products and wood screws.....	1939	345	16, 924	22, 106	32, 649	82, 807	50, 158
Steel barrels, kegs, and drums.....	1939	64	6, 072	7, 360	32, 328	49, 166	16, 838
Firearms.....	1939	23	5, 001	6, 846	3, 053	17, 712	14, 669
Safes and vaults.....	1939	16	1, 236	1, 589	2, 413	6, 084	3, 671
Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills.....	1939	43	5, 644	8, 178	45, 369	70, 401	25, 032
Nonferrous metals and their products, total <sup>4</sup> .....	1939	5, 600	223, 753	299, 220	1, 748, 592	2, 572, 854	324, 263
	1937	5, 173	255, 767	336, 349	1, 934, 185	2, 779, 961	845, 776
Primary smelting and re- fining of nonferrous metals.....	1939	63	27, 639	33, 411	319, 579	956, 572	137, 062
Alloying and rolling and drawing of nonferrous metals, except aluminum..	1939	183	33, 816	56, 282	280, 890	445, 060	164, 170
Secondary smelting and re- fining of nonferrous met- als and alloys, total.....	1939	174	4, 723	6, 063	160, 219	183, 822	23, 603
Secondary smelting and refining, gold, silver, and platinum.....	1939	66	1, 115	1, 687	94, 783	101, 784	7, 001
Secondary smelting and refining of nonferrous metals, not else- where classified.....	1939	108	3, 608	4, 366	65, 436	82, 038	16, 602

<sup>1</sup> Value of products less cost of materials, containers, fuel, purchased electric energy, and contract work.

<sup>4</sup> No comparable figures available for 1929 and 1935.

No. 930.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS, 1929 TO 1939, AND  
FOR SUBGROUPS AND INDUSTRIES, 1939—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	Wages (\$1,000)	Cost of materials, etc., fuel, purchased energy, and contract work (\$1,000)	Value of products (\$1,000)	Value added by manufac- ture (\$1,000) <sup>1</sup>
<b>Nonferrous metals, etc.—Con.</b>							
<b>Clocks and watches, total...</b>	1939	116	20,287	23,407	39,191	94,633	55,446
Clocks, watches, and materials and parts, except watchcases....	1939	74	17,878	20,467	35,204	84,846	49,642
Watchcases.....	1939	42	2,409	2,940	3,987	9,792	5,804
<b>Jewelry, total.....</b>	1939	1,058	14,438	17,609	52,846	99,037	46,191
Jewelry (precious metals).....	1939	886	11,358	14,243	34,597	71,419	36,822
Jewelers' findings and materials....	1939	82	2,813	2,975	14,493	22,489	7,996
Lapidary work.....	1939	90	267	391	3,755	5,129	1,374
<b>Silverware and plated ware.</b>	1939	150	12,105	15,304	24,787	62,771	37,984
<b>Engraving on metal, plat- ing, and polishing, total...</b>	1939	737	9,625	11,249	8,978	34,032	28,054
Engraving on metal (except for printing purposes).....	1939	94	1,419	1,866	1,678	5,864	4,186
Electroplating, plating, and pol- ishing.....	1939	643	8,206	9,383	7,300	28,168	20,868
<b>Lighting fixtures.....</b>	1939	568	20,477	23,238	59,851	124,532	64,731
<b>Nonferrous metal products not elsewhere classified. total.....</b>	1939	2,546	80,652	107,665	302,253	572,341	270,062
Nonferrous metal foundries (ex- cept aluminum).....	1939	600	9,699	12,210	28,703	55,637	26,934
Aluminum ware, kitchen, hos- pital, and household (except electrical appliances).....	1939	32	6,297	7,775	17,207	37,125	19,918
Aluminum products (including rolling and drawing and extrud- ing), not elsewhere classified.....	1939	162	17,249	25,539	106,993	169,819	62,826
Collapsible tubes.....	1939	14	1,933	1,903	4,936	9,472	4,536
Gold and silver leaf and foil.....	1939	26	563	470	1,096	2,109	1,013
Tin and other foils (except gold and silver foil).....	1939	12	1,328	1,938	10,338	19,072	8,734
Sheet-metal work not specifically classified.....	1939	1,262	18,749	23,079	70,981	137,341	66,300
Nonferrous metal products not elsewhere classified.....	1939	438	24,834	34,751	62,005	141,766	79,761
<b>Electrical machinery, total.....</b>	1939	2,014	256,467	335,820	727,436	1,727,399	999,954
	1937	1,597	306,003	407,961	797,772	1,899,905	1,102,133
	1935	1,589	224,437	240,952	475,687	1,161,403	685,716
	1929	1,861	343,138	474,203	1,008,341	2,397,765	1,389,424
<b>Electrical equipment for in- dustrial use, total.....</b>	1939	727	95,130	125,354	250,618	624,941	374,323
Wiring devices and supplies.....	1939	146	14,564	16,906	44,506	94,305	49,800
Carbon products for the electrical industry, and manufactures of carbon or artificial graphite.....	1939	31	3,189	4,484	6,681	18,376	11,604
Electrical measuring instruments..	1939	59	6,976	9,881	12,105	41,797	20,693
Generating, distribution, and industrial apparatus, and ap- paratus for incorporation in manufactured products, not elsewhere classified.....	1939	491	70,401	104,084	187,326	470,463	263,136
<b>Electrical appliances.....</b>	1939	133	19,890	25,469	58,081	145,696	87,615

<sup>1</sup> Value of products less cost of materials, containers, fuel, purchased electric energy, and contract work.

<sup>2</sup> Excludes cost of contract work.

No. 980.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS, 1929 TO 1939, AND  
FOR SUBGROUPS AND INDUSTRIES, 1939—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	Wages (\$1,000)	Cost of materials, etc., fuel, purchased energy, and contract work (\$1,000)	Value of products (\$1,000)	Value added by manufac- ture (\$1,000) <sup>1</sup>
<b>Electrical machinery—Con.</b>							
Insulated wire and cable....	1939	79	15,696	18,638	70,125	120,890	50,265
Automotive electrical equipment.....	1939	84	17,495	24,896	42,041	109,762	67,721
Electric lamps.....	1939	55	9,622	10,689	28,571	84,828	58,257
Communication equipment and related products, total.....	1939	451	75,627	91,470	194,202	467,197	272,995
Radios, radio tubes, and phono- graphs.....	1939	224	43,503	47,026	145,850	275,870	130,020
Communication equipment.....	1939	227	32,119	44,444	48,352	191,326	142,975
Electrical products not else- where classified, total....	1939	480	23,007	29,363	83,798	174,577	90,778
Batteries, storage and primary (dry and wet).....	1939	221	15,034	19,200	63,177	117,583	54,406
X-ray and therapeutic apparatus and electronic tubes.....	1939	84	1,950	2,744	5,755	17,945	12,190
Electrical products not elsewhere classified.....	1939	175	6,014	7,410	14,866	39,049	24,182
Machinery (except electrical), total <sup>4</sup> .....	1939	9,506	522,960	748,288	1,285,211	3,254,174	1,968,963
	1937	8,368	643,522	955,996	1,571,362	3,902,967	2,331,604
Engines and turbines, total.	1939	92	18,654	27,852	63,007	135,109	72,102
Steam engines, turbines, and water wheels.....	1939	18	3,902	6,349	9,551	24,751	15,200
Internal-combustion engines.....	1939	74	14,752	21,503	53,456	110,358	56,902
Agricultural machinery and tractors, total.....	1939	347	59,081	85,074	214,896	421,847	206,950
Tractors.....	1939	30	31,275	49,846	135,626	253,951	118,325
Agricultural machinery (except tractors).....	1939	317	27,806	35,229	79,270	167,895	88,625
Construction, mining, and related machinery, total....	1939	487	34,723	50,216	110,955	262,674	152,619
Construction and similar machin- ery (except mining and oil-field machinery and tools).....	1939	199	17,250	25,198	63,376	140,138	76,762
Oil-field machinery and tools.....	1939	223	13,524	18,741	31,305	88,977	57,673
Mining machinery and equipment.	1939	65	4,940	6,277	15,374	33,559	18,185
Metalworking machinery, total.....	1939	1,332	77,684	128,769	190,026	442,650	312,624
Machine tools.....	1939	200	36,624	62,333	63,866	218,045	154,179
Machine-tool and other metal- working machinery accessories, metal-cutting and shaping tools, and machinists' precision tools..	1939	954	25,161	41,347	31,410	125,630	94,220
Metalworking machinery and equipment, not elsewhere clas- sified.....	1939	178	15,899	25,089	34,750	98,975	64,226
Special industry machinery, total.....	1939	1,346	64,678	88,791	121,456	349,508	228,051
Food-products machinery.....	1939	379	13,979	18,937	31,950	90,841	58,891
Textile machinery.....	1939	300	21,904	27,615	33,598	93,276	50,678
Woodworking machinery.....	1939	130	3,622	4,657	8,292	21,604	13,312

<sup>1</sup> Value of products less cost of materials, containers, fuel, purchased electric energy, and contract work.

<sup>4</sup> No comparable figures available for 1929 and 1935.

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FOR SUBGROUPS AND INDUSTRIES, 1939—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	Wages (\$1,000)	Cost of materials, etc., fuel, purchased energy, and contract work (\$1,000)	Value of products (\$1,000)	Value added by manufac- ture (\$1,000) <sup>1</sup>
<b>Machinery, etc.—Continued</b>							
Paper-mill, pulp-mill, and paper- products machinery.....	1939	99	5,409	7,775	12,727	32,420	19,692
Printing-trades machinery and equipment.....	1939	231	9,376	14,647	15,053	55,582	40,529
Special industry machinery, not elsewhere classified.....	1939	207	10,388	15,161	19,836	55,785	35,949
<b>General industrial machin- ery, total.....</b>	<b>1939</b>	<b>5,200</b>	<b>172,104</b>	<b>237,363</b>	<b>396,766</b>	<b>1,062,931</b>	<b>666,225</b>
Measuring and dispensing pumps..	1939	38	5,054	6,751	19,020	44,286	25,267
Pumping equipment and air com- pressors.....	1939	337	19,180	26,208	54,204	134,941	80,737
Elevators, escalators, and con- veyors.....	1939	183	8,915	13,358	25,057	64,128	39,071
Cars and trucks, industrial.....	1939	55	2,732	3,149	7,801	17,320	9,519
Blowers; exhaust and ventilating fans.....	1939	77	3,885	5,371	11,768	28,606	16,839
Measuring instruments, mechan- ical (except electrical measur- ing instruments, watches, and clocks).....	1939	68	6,692	8,874	13,177	39,684	26,507
Mechanical power-transmission equipment.....	1939	218	30,268	43,752	50,367	170,291	119,925
Stokers, mechanical, domestic and industrial.....	1939	61	3,549	4,789	9,857	24,545	14,688
Machine-shop products, not else- where classified.....	1939	2,125	60,717	81,660	141,493	360,334	218,841
Industrial machinery, not else- where classified.....	1939	579	21,936	31,178	52,964	140,628	87,664
Machine-shop repairs.....	1939	1,459	9,176	12,273	10,998	38,166	27,169
<b>Office and store machines, total.....</b>	<b>1939</b>	<b>230</b>	<b>42,885</b>	<b>57,920</b>	<b>44,805</b>	<b>187,663</b>	<b>142,858</b>
Office and store machines, not else- where classified.....	1939	123	36,204	49,982	29,143	150,170	121,027
Vending, amusement, and other coin-operated machines.....	1939	51	3,842	4,632	10,675	23,143	12,468
Scales and balances.....	1939	56	2,839	3,306	4,988	14,350	9,363
<b>Household and service-in- dustry machines, total....</b>	<b>1939</b>	<b>472</b>	<b>53,171</b>	<b>72,302</b>	<b>204,259</b>	<b>391,792</b>	<b>187,533</b>
Laundry equipment, domestic....	1939	42	7,466	9,277	36,365	61,601	25,236
Commercial laundry, dry-clean- ing, and pressing machinery....	1939	82	2,705	3,477	8,821	21,839	13,018
Sewing machines, domestic and industrial.....	1939	39	7,840	11,157	8,610	29,707	21,096
Refrigerators, domestic (mechan- ical and absorption), refrigeration machinery and equipment and complete air-conditioning units..	1939	309	35,160	48,392	150,463	278,646	128,183
<b>Automobiles and automobile equipment, total.....</b>	<b>1939</b>	<b>1,133</b>	<b>398,963</b>	<b>646,406</b>	<b>2,725,399</b>	<b>4,047,873</b>	<b>1,322,476</b>
	<sup>2</sup> 1937	1,070	511,333	807,026	3,710,919	5,892,795	1,581,877
	<sup>2</sup> 1937	1,067	479,341	756,081	3,669,342	5,176,236	1,506,804
	1935	946	387,801	545,414	2,819,873	3,942,014	1,122,141
	1929	1,398	447,448	733,083	<sup>3</sup> 3,258,497	5,260,723	2,002,226
Motor vehicles, motor-vehicle bodies, parts and accessories.....	1939	1,054	397,537	644,905	2,720,561	4,039,931	1,319,370
Automobile trailers (for attach- ment to passenger cars).....	1939	79	1,426	1,501	4,835	7,942	3,107

<sup>1</sup> Value of products less cost of materials, containers, fuel, purchased electric energy, and contract work.

<sup>2</sup> Excludes cost of contract work.

<sup>3</sup> 1937 figures shown in *italics* are comparable with statistics for 1939 and include data for 3 establishments which were originally classified in another group for 1937 and previous years but which have now been reclassified in this group. Roman-type figures for 1937 do not include data for these 3 establishments and are comparable with statistics for earlier years.



No. 980.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS, 1929 TO 1939, AND  
FOR SUBGROUPS AND INDUSTRIES, 1939—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	Wages (\$1,000)	Cost of materials, etc., fuel, purchased energy, and contract work (\$1,000)	Value of products (\$1,000)	Value added by manufac- ture (\$1,000) <sup>1</sup>
Transportation equipment ex- cept automobiles, total <sup>4</sup> .....	1939 1937	963 888	157,097 150,885	239,254 221,624	411,377 448,164	882,897 852,785	471,520 404,620
Railroad, equipment, total....	1939	158	30,993	44,271	129,588	215,897	86,219
Locomotives (including frames) and parts—railroad, mining and industrial.....	1939	15	6,470	9,657	25,927	47,426	21,499
Cars and car equipment—rail- road, street, and rapid-transit..	1939	143	24,523	34,615	103,661	168,382	64,721
Aircraft and parts, includ- ing aircraft engines.....	1939	125	48,638	77,488	96,259	279,497	183,247
Ship and boatbuilding and repairing, total.....	1939	603	69,241	107,371	158,374	338,272	179,898
Shipbuilding and ship repairing...	1939	406	66,611	104,473	153,415	327,387	173,972
Boatbuilding and boat repairing...	1939	202	2,630	2,897	4,958	10,885	5,926
Motorcycles, bicycles, and parts.....	1939	36	6,973	8,974	24,041	43,052	19,011
Transportation equipment not elsewhere classified....	1939	41	1,252	1,150	3,124	6,269	3,145
Miscellaneous industries, total <sup>4</sup> ..	1939 1937	7,699 6,811	238,827 239,802	258,325 260,452	469,167 442,907	1,162,958 1,077,573	693,791 634,666
Professional and scientific instruments, photographic apparatus, and optical goods, total.....	1939	499	38,324	53,069	75,599	244,617	169,027
Professional and scientific in- struments (except surgical and dental).....	1939	218	9,429	13,709	17,711	61,017	43,306
Photographic apparatus and ma- terials and projection equip- ment (except lenses).....	1939	160	17,271	25,287	42,556	133,899	91,343
Optical instruments and lenses....	1939	30	1,372	1,848	1,114	4,746	3,632
Ophthalmic goods; lenses and fittings.....	1939	91	10,252	12,246	14,209	44,955	30,745
Surgical, medical, and dental instruments, equip- ment and supplies, total....	1939	541	14,339	15,352	55,874	118,997	63,123
Surgical and medical instru- ments.....	1939	50	1,626	1,979	2,320	8,052	5,732
Surgical supplies and equipment not elsewhere classified; ortho- pedic appliances.....	1939	360	8,468	8,548	40,297	79,398	39,102
Dental equipment and supplies...	1939	181	4,245	4,825	13,258	31,547	18,289
Musical instruments and parts, total.....	1939	193	10,806	12,525	16,793	49,238	23,445
<sup>d</sup> Pianos.....	1939	35	5,311	6,123	10,124	20,493	10,399
Organs.....	1939	34	969	1,054	1,297	3,421	2,124
Piano and organ parts and mate- rials.....	1939	23	1,315	1,431	1,927	4,772	2,844
Musical instruments, parts, and materials not elsewhere classified..	1939	101	3,191	3,917	3,445	11,552	8,108

<sup>1</sup> Value of products less cost of materials, containers, fuel, purchased electric energy, and contract work.

<sup>4</sup> No comparable figures available for 1929 and 1935.

No. 980.—MANUFACTURES—SUMMARY FOR INDUSTRY GROUPS, 1929 TO 1939, AND  
FOR SUBGROUPS AND INDUSTRIES, 1939—Continued

GROUP OR INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average for the year)	Wages (\$1,000)	Cost of materials, etc., fuel, purchased energy, and contract work (\$1,000)	Value of products (\$1,000)	Value added by manufac- ture (\$1,000) <sup>1</sup>
<b>Miscellaneous industries—Con.</b>							
Toys and sporting and athletic goods, total.....	1939	821	36,797	34,427	67,957	151,404	83,447
Games and toys (except dolls and children's vehicles).....	1939	343	15,610	12,657	24,910	55,401	30,401
Dolls (except rubber).....	1939	84	3,052	2,837	6,418	12,132	5,715
Children's vehicles.....	1939	44	4,319	4,713	9,940	19,117	9,177
Sporting and athletic goods not elsewhere classified.....	1939	350	13,816	14,221	26,690	64,754	38,664
Pens, pencils, stencils, and artists' materials, total....	1939	499	12,591	12,974	31,350	76,399	45,649
Pens, mechanical pencils, and pen points.....	1939	70	4,463	4,329	8,700	24,861	16,181
Pencils (except mechanical) and crayons.....	1939	40	3,779	3,434	7,279	15,860	8,580
Hand stamps, stencils, and brands.....	1939	269	2,211	2,615	3,204	10,812	7,607
Artists' materials.....	1939	42	397	464	2,019	4,070	2,051
Carbon paper and inked ribbons.....	1939	58	1,741	2,132	10,157	20,777	10,620
Buttons.....	1939	316	10,972	8,623	12,473	29,817	17,344
Costume jewelry and mis- cellaneous products, total....	1939	863	25,256	19,743	32,117	77,472	45,355
Costume jewelry and costume novelties (jewelry other than fine jewelry).....	1939	289	10,808	8,755	13,830	33,922	20,092
Jewelry cases and instrument cases.....	1939	132	5,127	4,691	6,479	16,670	10,191
Lamp shades.....	1939	128	2,671	1,715	4,384	8,376	3,991
Feathers, plumes, and artificial flowers.....	1939	314	6,650	4,582	7,424	18,504	11,080
Miscellaneous industries, not elsewhere classified, total.....	1939	3,967	89,742	101,592	177,003	424,013	247,010
Brooms.....	1939	320	3,787	2,757	6,052	11,842	5,790
Brushes.....	1939	245	7,891	7,989	25,255	48,467	23,212
Beauty-shop and barber-shop equipment.....	1939	72	1,986	1,818	5,366	13,006	7,640
Furs, dressed and dyed.....	1939	145	5,115	9,066	4,858	22,395	17,537
Signs, advertising displays, and advertising novelties.....	1939	1,386	17,206	20,557	32,493	87,625	55,133
Fabricated plastic products, not elsewhere classified.....	1939	216	15,094	17,688	31,747	71,904	40,157
Umbrellas, parasols, and canes.....	1939	90	2,862	2,193	6,869	11,520	4,651
Tobacco pipes and cigarette holders.....	1939	32	2,481	2,407	2,299	7,508	5,308
Soda fountains, beer dispensing equipment, and related prod- ucts.....	1939	51	1,590	2,389	5,968	13,660	7,693
Models and patterns (except paper patterns).....	1939	683	5,566	9,037	4,228	22,339	18,101
Hair work.....	1939	42	322	261	739	1,401	662
Wool pulling.....	1939	17	836	1,101	9,615	13,122	3,507
Needles, pins, hooks and eyes, and slide and snap fasteners.....	1939	58	10,403	11,804	13,485	33,155	24,670
Fire extinguishers, chemical.....	1939	28	995	1,273	4,705	9,228	4,534
Miscellaneous fabricated products not elsewhere classified.....	1939	582	13,608	11,252	23,322	51,849	23,527

<sup>1</sup> Value of products less cost of materials, containers, fuel, purchased electric energy, and contract work.

Source: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures.

## No. 981.—MANUFACTURES—SUMMARY, BY STATES: 1939

(See general note, p. 822)

DIVISION AND STATE	Number of establishments	Salaried officers and employees	Wage earners (average for the year)	Salaries (\$1,000)	Wages (\$1,000)	Cost of materials, etc., fuel, purchased electric energy, and contract work (\$1,000)	Value of products (\$1,000)	Value added by manufacture <sup>1</sup> (\$1,000)
<b>United States.....</b>	<b>184,236</b>	<b>1,043,607</b>	<b>7,806,567</b>	<b>2,549,357</b>	<b>9,089,941</b>	<b>32,160,107</b>	<b>56,841,628</b>	<b>24,682,918</b>
<b>New England.....</b>	<b>16,138</b>	<b>120,338</b>	<b>853,670</b>	<b>264,339</b>	<b>1,035,006</b>	<b>2,463,320</b>	<b>4,891,666</b>	<b>2,428,346</b>
Maine.....	1,210	6,339	75,556	13,592	68,434	192,945	345,300	152,423
New Hampshire.....	806	4,893	55,781	10,484	52,735	132,208	237,396	105,188
Vermont.....	717	2,769	21,759	6,041	21,232	51,214	103,154	51,941
Massachusetts.....	9,007	61,848	460,674	148,602	500,928	1,271,452	2,459,771	1,188,319
Rhode Island.....	1,460	12,002	106,275	27,980	105,407	278,102	516,391	238,289
Connecticut.....	2,936	32,787	233,528	77,690	276,374	537,399	1,229,686	602,187
<b>Middle Atlantic.....</b>	<b>54,291</b>	<b>320,353</b>	<b>2,249,621</b>	<b>612,869</b>	<b>2,689,703</b>	<b>8,484,136</b>	<b>16,039,273</b>	<b>7,335,137</b>
New York.....	34,506	161,392	967,864	296,663	1,163,785	3,792,505	7,134,400	3,341,896
New Jersey.....	7,984	62,884	433,471	162,954	521,569	1,904,834	3,428,947	1,524,114
Pennsylvania.....	13,801	105,977	858,296	253,221	1,003,349	2,686,797	5,476,926	2,489,129
<b>East North Central.....</b>	<b>40,415</b>	<b>319,967</b>	<b>2,196,479</b>	<b>803,536</b>	<b>2,980,313</b>	<b>9,777,614</b>	<b>17,559,906</b>	<b>7,782,291</b>
Ohio.....	10,070	87,692	598,397	220,750	812,676	2,459,192	4,584,666	2,125,474
Indiana.....	4,837	40,940	277,467	94,354	345,475	1,257,436	2,227,648	970,312
Illinois.....	12,960	92,327	606,476	238,215	750,239	2,593,266	4,794,861	2,201,895
Michigan.....	6,311	60,204	522,242	173,861	789,976	2,549,819	4,348,223	1,798,404
Wisconsin.....	6,717	32,794	200,897	76,692	261,947	917,902	1,604,507	686,605
<b>West North Central.....</b>	<b>14,947</b>	<b>59,345</b>	<b>383,291</b>	<b>134,267</b>	<b>427,457</b>	<b>2,482,654</b>	<b>3,816,177</b>	<b>1,862,483</b>
Minnesota.....	4,006	12,331	79,753	28,555	96,887	535,143	845,772	310,628
Iowa.....	2,670	11,501	65,314	23,532	73,466	473,737	718,532	344,796
Missouri.....	4,796	24,275	178,538	58,937	190,736	800,055	1,398,056	587,962
North Dakota.....	350	798	2,687	1,433	2,771	32,655	43,767	11,102
South Dakota.....	468	1,264	5,538	2,346	6,036	61,217	81,172	19,653
Nebraska.....	1,161	3,642	18,807	7,500	20,624	204,437	273,525	69,067
Kansas.....	1,494	6,074	31,614	11,965	36,936	345,401	464,354	118,962
<b>South Atlantic.....</b>	<b>17,317</b>	<b>81,463</b>	<b>584,521</b>	<b>189,715</b>	<b>826,413</b>	<b>3,156,473</b>	<b>5,890,430</b>	<b>2,333,747</b>
Delaware.....	439	2,336	20,392	6,093	21,960	59,570	114,754	55,183
Maryland.....	2,893	15,326	141,643	36,778	156,763	604,505	1,027,354	422,649
District of Columbia.....	497	3,572	7,877	6,548	11,772	35,556	79,876	44,317
Virginia.....	2,579	11,967	123,864	27,343	115,539	609,325	968,813	379,488
West Virginia.....	1,130	8,058	74,989	18,600	88,467	227,062	441,640	214,779
North Carolina.....	3,226	15,467	270,207	34,270	199,280	375,377	1,421,330	545,953
South Carolina.....	1,331	6,196	126,983	13,203	86,616	227,606	397,513	169,847
Georgia.....	3,150	12,361	157,804	34,105	108,063	394,067	677,403	263,316
Florida.....	2,083	8,930	52,732	11,776	37,863	123,623	241,539	118,016
<b>East South Central.....</b>	<b>7,275</b>	<b>32,725</b>	<b>267,837</b>	<b>79,187</b>	<b>291,019</b>	<b>1,139,137</b>	<b>1,968,726</b>	<b>829,688</b>
Kentucky.....	1,640	7,924	62,794	18,018	61,902	293,629	481,030	187,400
Tennessee.....	2,289	12,446	131,874	27,824	109,662	407,746	728,068	320,242
Alabama.....	2,069	8,700	116,800	17,669	92,018	327,287	574,671	247,284
Mississippi.....	1,294	3,655	46,339	6,647	27,437	101,475	174,937	73,462
<b>West South Central.....</b>	<b>10,621</b>	<b>36,558</b>	<b>262,580</b>	<b>78,994</b>	<b>238,286</b>	<b>1,744,122</b>	<b>2,567,831</b>	<b>823,790</b>
Arkansas.....	1,178	3,180	36,256	6,210	24,577	92,777	160,167	67,390
Louisiana.....	1,861	8,436	71,218	18,043	65,064	365,179	565,266	200,080
Oklahoma.....	1,606	5,414	28,114	11,079	30,465	209,050	312,168	103,116
Texas.....	6,376	19,528	126,992	43,663	128,139	1,077,116	1,530,231	453,105
<b>Mountain.....</b>	<b>4,611</b>	<b>12,263</b>	<b>64,245</b>	<b>25,726</b>	<b>61,737</b>	<b>545,187</b>	<b>819,833</b>	<b>374,646</b>
Montana.....	585	1,727	9,171	3,064	12,148	112,095	151,885	39,790
Idaho.....	549	1,355	10,877	2,612	12,754	58,705	90,475	31,770
Wyoming.....	310	792	3,484	1,680	4,737	29,794	45,423	16,639
Colorado.....	1,296	4,177	23,719	9,111	28,392	130,387	231,643	91,256
New Mexico.....	272	623	3,260	927	2,913	16,412	25,124	3,712
Arizona.....	332	1,110	6,066	2,612	7,163	65,469	97,329	33,041
Utah.....	560	2,286	11,556	4,591	11,966	123,452	167,173	43,730
Nevada.....	105	234	1,093	509	1,642	8,854	20,582	11,736
<b>Pacific.....</b>	<b>17,817</b>	<b>65,236</b>	<b>429,423</b>	<b>149,874</b>	<b>541,036</b>	<b>2,206,224</b>	<b>3,800,204</b>	<b>1,893,989</b>
Washington.....	3,240	10,812	90,324	25,066	118,326	350,003	636,650	286,647
Oregon.....	2,248	6,256	63,622	13,736	77,586	193,200	365,374	172,175
California.....	12,329	48,227	275,477	110,854	365,114	1,663,022	2,798,180	1,125,166

<sup>1</sup> Calculated by subtracting sum of cost of materials, containers, fuel, purchased electric energy, and contract work from value of products.

Source Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures.

[In thousands of dollars. Statistics on inventories were not collected for any of the industries in the printing and publishing group, nor were inventory statistics collected for contract shops classified in the textile industries. The value of products of those industries for which inventory data were not collected amounted to \$2,846,966,000]

INDUSTRY GROUP	INVENTORIES			VALUE OF PRODUCTS			
	Beginning of year		End of year		Total	For establishments reporting inventories <sup>1</sup>	For establishments not reporting inventories
	Total	Finished products <sup>1</sup>	Materials, supplies, etc. <sup>2</sup>	Total			
1937.....	8,467,786	3,523,109	4,944,677	9,962,951	57,892,417	54,750,183	3,142,224
1939.....	8,928,468	3,969,996	4,966,472	9,632,350	53,996,059	52,094,455	1,901,605
Food and kindred products.....	1,266,054	774,061	491,993	1,361,680	10,618,026	10,257,211	360,815
Tobacco manufactures.....	179,675	21,783	157,892	183,937	1,322,189	1,320,035	2,154
Textile-mill products and other fiber manufactures.....	758,971	302,801	456,169	828,349	3,884,194	3,655,872	228,322
Apparel and other finished products made from fabrics and similar materials.....	283,909	123,310	160,598	347,978	3,102,998	2,420,094	682,904
Lumber and timber basic products.....	276,601	183,556	93,045	267,692	1,122,058	1,068,404	63,654
Furniture and finished lumber products.....	239,600	90,039	149,561	256,792	1,267,724	1,245,592	22,132
Paper and allied products.....	261,792	92,042	189,751	298,272	2,019,568	1,967,546	50,023
Chemicals and allied products.....	703,275	320,329	382,945	713,729	3,733,658	3,692,478	41,180
Products of petroleum and coal.....	481,322	282,329	198,993	479,066	2,963,973	2,844,274	109,700
Rubber products.....	146,362	76,387	69,975	169,558	902,329	898,370	3,958
Leather and leather products.....	237,334	90,999	146,335	263,168	1,389,514	1,362,947	26,567
Stone, clay, and glass products.....	264,212	153,250	110,962	266,182	1,440,151	1,383,192	56,959
Iron and steel and their products, except machinery.....	1,346,864	481,288	865,577	1,483,103	6,591,530	6,425,111	166,419
Nonferrous metals and their products.....	434,454	172,792	261,662	439,472	2,572,854	2,557,082	15,773
Electrical machinery.....	386,427	173,284	213,143	414,975	1,727,390	1,724,718	2,672
Machinery (except electrical).....	942,902	439,444	503,458	995,808	3,254,174	3,253,366	20,808
Automobiles and automobile equipment.....	338,567	86,629	251,938	411,257	4,047,873	4,047,510	363
Transportation equipment except automobiles.....	140,742	12,417	128,325	214,011	882,897	879,553	3,344
Miscellaneous industries.....	217,406	83,256	134,151	287,289	1,162,958	1,119,098	43,860

<sup>1</sup> Includes the value of goods produced by contract work on materials owned by the manufacturers reporting.

<sup>2</sup> Includes the value of fuel, work in progress, and all other inventories.

<sup>3</sup> Includes the value of products of establishments reporting no inventories on hand.

Source: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures.

No. 933.—ETHYL ALCOHOL AND OTHER DISTILLED SPIRITS, EXCEPT BRANDY—  
MATERIALS USED IN PRODUCTION, BY KINDS: 1901 TO 1947

YEAR ENDING JUNE 30—	Molasses (thousand gallons)	GRAIN (THOUSANDS OF POUNDS) <sup>1</sup>				ETHYL SUL- PHATE	FINE- APPLE JUICE	OTHER MATERIALS <sup>2</sup>	
		Corn	Malt	Rye	Other <sup>3</sup>			Thou- sand gallons	Thou- sand pounds
1901-05, average.....	14,069	1,094,027	197,602	308,088	3,349				
1906-10, average.....	30,630	1,114,277	202,730	280,112	1,893				
1911-15, average.....	71,726	1,183,706	209,194	278,374	8,029				
1911.....	44,363	1,301,832	236,968	301,056	8,096				
1912.....	61,605	1,288,452	228,258	313,600	4,790				
1913.....	64,641	1,335,488	238,168	328,368	6,160				
1914.....	64,721	1,193,696	220,584	299,152	4,648				
1915.....	123,361	798,560	131,992	136,696	4,480				
1916.....	80,977	1,798,920	250,936	174,552	4,592			71,166	
1917.....	112,496	1,902,488	237,440	133,000	4,536			78,463	
1918.....	118,028	914,520	94,640	13,944	9,632			69,527	
1919.....	123,499	217,840	32,088	1,400	4,816			9,801	
1920.....	113,138	59,248	12,040	2,800	2,912			19,327	
1921.....	119,053	273,840	51,184	10,528	1,624			31,101	
1922.....	97,223	173,208	45,696	4,760	56			74,705	
1923.....	148,711	173,936	48,536	380				32,543	12
1924.....	155,001	271,432	64,568	8,096	1,120			35,525	155,756
1925.....	203,270	403,256	59,976	3,432	616			37,824	112,352
1926.....	267,404	445,088	36,400	728	672			44,608	46,885
1927.....	211,519	469,448	28,280	392				40,942	49,469
1928.....	213,630	346,864	25,368	392	504			56,795	79,576
1929.....	268,045	548,912	20,720	448				53,884	53,038
1930.....	235,797	558,096	37,266	11,648	1,648	1,374		21,001	65,535
1931.....	187,790	137,424	36,008	357,560	1,568	10,072	5,768	19,302	30,344
1932.....	161,295	271,468	28,336	12,208	18,592	11,146	4,235	15,072	20,377
1933.....	117,939	325,908	31,360	31,684	336	8,943	5,544	6,772	30,265
1934.....	174,031	580,269	140,848	252,519	2,663	9,568	7,491	1,672	23,797
1935.....	195,266	1,093,392	269,361	573,413	3,099		5,317	1,190	28,247
1936.....	179,123	1,782,205	372,421	718,789	3,716	24,403	5,790	8,092	678
1937.....	206,071	2,029,560	387,312	651,457	3,673	25,493	3,698	12,248	963
1938.....	166,722	1,110,331	206,825	339,066	2,689	26,577	2,007	27	456
1939.....	163,223	1,012,668	183,411	307,742	2,432	35,389	2,344	26,207	1,254
1940.....	196,929	1,069,019	186,468	314,371	2,383	45,786		13,801	12,644
1941.....	225,349	1,307,455	231,065	373,997	2,527	53,400	1,631	2,366	18,863
1942.....	286,174	2,236,469	333,155	384,190	114,806	71,259	1,088	2,869	25,907
1943.....	163,039	2,797,530	558,854	117,008	2,370,391		3,237	3,574	37,136
1944.....	263,889	320,126	727,200	217,398	6,393,230	94,467	4,918	8,680	70,030
1945.....	242,786	1,600,028	962,002	651,649	6,464,941	91,621	2,766	57,949	97,106
1946.....	117,520	1,370,401	537,373	463,822	1,968,382	103,306	2,374	162,899	648,435
1947.....	73,382	2,661,731	455,326	237,166	148,396	106,457	2,880	222,661	963,782

<sup>1</sup> Conversion factor used was 56 pounds per bushel when reported in bushels.

<sup>2</sup> Wheat, barley, rice, etc., also mixtures of corn, malt, and rye.

<sup>3</sup> Diatomaceous earth, sulphite liquor, manioc meal, maguey juice, maple syrup, cider, corn syrup, potatoes, crude alcohol mixture, cellulose pulp, and chemical mixtures, etc.

Source: Treasury Department: 1901 to 1933, Bureau of Industrial Alcohol; Statistics Concerning Intoxicating Liquors. 1934 and subsequent years, Bureau of Internal Revenue, annual and special reports.

No. 984.—DENATURED ALCOHOL:<sup>1</sup> 1910 TO 1947

YEAR ENDING JUNE 30—	Alcohol produced at industrial alcohol plants <sup>2</sup>	Denaturing plants operated	Ethyl alcohol withdrawn for denaturation <sup>3</sup>	DENATURED ALCOHOL PRODUCED <sup>4</sup>		
				Total	Completely denatured	Specially denatured
	<i>Proof gallons</i>		<i>Proof gallons</i>	<i>Wine gallons</i>	<i>Wine gallons</i>	<i>Wine gallons</i>
1910.....		12	10,805,871	6,079,027	3,078,925	3,002,103
1915.....		23	25,411,719	13,985,469	5,384,647	8,599,822
1920.....	18,933,551	52	45,540,949	28,536,350	13,528,403	15,007,947
1925.....	188,165,518	91	182,254,039	81,808,273	46,963,970	34,844,303
1930.....	193,823,717	68	185,000,827	108,776,978	59,063,510	47,713,468
1935.....	180,645,920	39	163,009,786	97,031,074	39,746,679	57,284,395
1940.....	243,727,756	40	223,321,704	126,761,830	15,352,033	111,409,797
1941.....	298,845,417	43	274,887,261	183,510,433	17,676,172	135,834,261
1942.....	<sup>5</sup> 424,804,061	62	374,760,269	207,845,334	25,628,181	179,217,153
1943.....	<sup>6</sup> 447,798,558	76	408,303,779	222,894,419	24,360,788	198,534,631
1944.....	<sup>7</sup> 636,675,216	66	973,439,556	524,113,586	52,331,761	471,781,825
1945.....	<sup>8</sup> 683,431,544	65	971,448,910	527,095,537	33,067,533	494,028,004
1946.....	329,386,662	50	398,458,300	212,802,110	26,144,437	186,657,673
1947.....	248,798,639	49	338,029,969	183,744,086	36,395,715	147,348,371

<sup>1</sup> Includes data for Hawaii for all years and data for Puerto Rico beginning with Aug. 1, 1929.

<sup>2</sup> Separate accounts for alcohol produced at industrial alcohol plants required commencing May 1, 1920.

<sup>3</sup> Through 1930, includes rum and spirits produced at distilleries for denaturation. 1935 through 1941, represents withdrawals of alcohol only for denaturation. 1942 through 1946, represents all products used for denaturation which were regarded, upon receipt at denaturing plants, as alcohol, whether originally produced as alcohol by industrial alcohol plants or as spirits or unfinished spirits by registered distilleries.

<sup>4</sup> Prior to 1943 includes denatured rum.

<sup>5</sup> Represents gross production. Net production (gross production minus products used in redistillation) for such years follows: 1942, 419,566,596; 1943, 364,696,976; 1944, 590,925,045; 1945, 660,089,874.

Source: Treasury Department, Bureau of Internal Revenue; Annual Report of the Commissioner.

## No. 985.—ALCOHOLIC BEVERAGES—PRODUCTION, TAX-PAID WITHDRAWALS, AND STOCKS: YEARS ENDING JUNE 30, 1941 TO 1947

[Includes data for Alaska, Hawaii, and Puerto Rico]

CLASS	Unit	1941	1942	1943	1944	1945	1946	1947
<b>Fermented malt liquor:</b>								
Production.....	Thous. of bbl. <sup>1</sup>	55,214	63,717	71,018	81,726	95,604	84,978	87,887
Tax-paid withdrawals.....	do	52,799	60,856	68,636	76,970	79,591	81,287	82,639
Stocks on hand June 30.....	do	9,039	8,935	8,286	8,962	9,262	8,035	9,565
<b>Distilled spirits, total:</b>								
Production <sup>2</sup> .....	Thous. of tax gal. <sup>3</sup>	175,209	157,982	132,917	123,805	128,205	175,148	315,138
Tax-paid withdrawals <sup>4</sup> .....	do	130,552	144,208	136,837	90,464	142,331	178,121	173,506
Stocks on hand June 30 <sup>5</sup> .....	do	561,424	587,761	476,345	376,278	338,173	430,262	525,838
<b>Whiskey:</b>								
Production.....	do	121,852	120,257	19,530	—	41,562	147,465	167,966
Tax-paid withdrawals.....	do	80,542	84,709	87,914	58,833	63,891	63,227	58,833
Stocks on hand June 30.....	do	504,081	516,919	424,825	343,648	307,588	374,072	464,836
<b>Rectified spirits and wines, production, total:</b>	Thous. of proof gal.	54,158	67,771	70,125	67,690	118,863	150,879	148,580
Whiskey, production.....	do	44,317	55,962	60,795	57,862	101,645	124,727	130,701
<b>Still wines:</b> <sup>6</sup>								
Production <sup>7</sup> .....	Thous. of wine gal. <sup>8</sup>	285,371	313,706	193,225	264,853	314,063	379,936	515,335
Tax-paid withdrawals.....	do	88,592	102,016	106,426	84,673	88,709	107,966	102,212
Stocks on hand June 30 <sup>9</sup> .....	do	117,887	123,195	91,031	94,313	102,725	102,014	160,211
<b>Sparkling wines:</b> <sup>10</sup>								
Production.....	Thous. of half pints <sup>11</sup>	16,311	24,562	20,348	30,192	31,017	40,569	48,546
Tax-paid withdrawals.....	do	14,464	17,560	22,071	26,961	25,269	33,721	30,965
Stocks on hand June 30.....	do	15,672	20,992	17,648	18,715	22,634	24,498	39,491

<sup>1</sup> Barrels of not more than 31 wine gallons. <sup>2</sup> Excludes ethyl alcohol.

<sup>3</sup> A tax gallon for spirits of 100 proof or over is equivalent to the proof gallon. For spirits of less than 100 proof the tax gallon is equivalent to the wine gallon.

<sup>4</sup> Excludes high-proof spirits and unfinished spirits produced at registered distilleries for industrial purposes.

<sup>5</sup> Includes ethyl alcohol.

<sup>6</sup> Excludes vermouth.

<sup>7</sup> Production represents total amount removed from fermenters, including distilling material (substandard wines produced with excessive water or residue materials). In 1947, 343,707,768 gallons of distilling materials were produced.

<sup>8</sup> Standard United States gallon.

<sup>9</sup> Excludes distilling materials.

<sup>10</sup> Includes champagne, other sparkling wines, and artificially carbonated wines.

<sup>11</sup> Tax is payable on each 1/4 pint or fraction thereof in each bottle or container.

Source: Treasury Department, Bureau of Internal Revenue; Annual Report of the Commissioner.



No. 986.—DISTILLED SPIRITS, MALT LIQUORS, AND WINES—APPARENT AVERAGE ANNUAL PER CAPITA CONSUMPTION IN THE CONTINENTAL UNITED STATES: 1850 TO 1947

[In gallons, except distilled spirits which is shown in tax gallons]

FISCAL YEAR	DISTILLED SPIRITS			MALT LIQUORS			WINES		
	Total	Domestic	Imported	Total	Domestic	Imported	Total	Domestic	Imported
1850.....	2.24	2.02	0.22	1.58	1.57	0.01	0.27	0.01	0.26
1860.....	2.86	2.67	.19	3.22	3.18	.04	.34	.06	.28
1870.....	2.07	1.89	.18	5.31	5.28	.03	.32	.06	.24
1871-80 <sup>1</sup> .....	1.39	1.35	.04	6.93	6.90	.03	.47	.31	.16
1881-90 <sup>1</sup> .....	1.34	1.31	.03	11.37	11.34	.03	.48	.39	.09
1891-95 <sup>1</sup> .....	1.37	1.35	.02	15.20	15.15	.05	.39	.32	.07
1896-1900 <sup>1</sup> .....	1.12	1.10	.02	15.53	15.49	.04	.36	.31	.05
1901-05 <sup>1</sup> .....	1.39	1.36	.03	17.34	17.29	.05	.47	.40	.07
1906-10 <sup>1</sup> .....	1.43	1.39	.04	19.81	19.73	.08	.62	.53	.09
1911.....	1.46	1.42	.04	20.69	20.61	.08	.67	.60	.07
1912.....	1.45	1.41	.04	20.02	19.95	.07	.58	.52	.06
1913.....	1.51	1.47	.04	20.72	20.64	.08	.56	.49	.07
1914.....	1.44	1.40	.04	20.69	20.62	.07	.53	.46	.07
1915.....	1.26	1.23	.03	18.40	18.37	.03	.33	.27	.06
1916.....	1.37	1.33	.04	17.78	17.76	.02	.47	.42	.05
1917.....	1.62	1.59	.03	18.17	18.15	.02	.41	.36	.05
1918.....	.87	.86	.01	14.77	14.76	.01	.49	.46	.03
1919.....	.79	.79	( <sup>2</sup> )	8.00	8.00	( <sup>2</sup> )	.51	.49	.02
1920.....	.22	.22	( <sup>2</sup> )	2.61	2.61	( <sup>2</sup> )	.12	.12	( <sup>2</sup> )
1921.....	.32	.32	( <sup>2</sup> )	.....	.....	.....	.19	.18	.01
1922 <sup>3</sup> .....	.18	.18	( <sup>2</sup> )	.....	.....	.....	.06	.05	.01
1923 <sup>3</sup> .....	.11	.11	( <sup>2</sup> )	.....	.....	.....	.13	.13	( <sup>2</sup> )
1924 <sup>3</sup> .....	.10	.10	( <sup>2</sup> )	.....	.....	.....	.08	.08	( <sup>2</sup> )
1925 <sup>3</sup> .....	.09	.09	( <sup>2</sup> )	.....	.....	.....	.03	.03	( <sup>2</sup> )
1926 <sup>3</sup> .....	.09	.09	( <sup>2</sup> )	.....	.....	.....	.05	.05	( <sup>2</sup> )
1927 <sup>3</sup> .....	.08	.08	( <sup>2</sup> )	.....	.....	.....	.04	.04	( <sup>2</sup> )
1928 <sup>3</sup> .....	.09	.09	( <sup>2</sup> )	.....	.....	.....	.04	.04	( <sup>2</sup> )
1929 <sup>3</sup> .....	.09	.09	( <sup>2</sup> )	.....	.....	.....	.09	.09	( <sup>2</sup> )
1930 <sup>3</sup> .....	.08	.08	( <sup>2</sup> )	.....	.....	.....	.03	.03	( <sup>2</sup> )
1931 <sup>3</sup> .....	.07	.07	( <sup>2</sup> )	.....	.....	.....	.05	.05	( <sup>2</sup> )
1932 <sup>3</sup> .....	.06	.06	( <sup>2</sup> )	.....	.....	.....	.04	.04	( <sup>2</sup> )
1933 <sup>3</sup> .....	.05	.05	( <sup>2</sup> )	1.56	1.55	.01	.01	.01	( <sup>2</sup> )
1934 <sup>3</sup> .....	.33	.30	.03	7.90	7.89	.01	.14	.12	.02
1935.....	.70	.67	.03	10.45	10.44	.01	.30	.28	.02
1936.....	.81	.73	.08	11.93	11.92	.01	.39	.37	.02
1937.....	1.03	.90	.13	13.47	13.45	.02	.52	.49	.03
1938.....	1.00	.89	.11	13.02	13.00	.02	.51	.48	.03
1939.....	.93	.84	.09	12.41	12.39	.02	.55	.52	.03
1940.....	1.02	.93	.09	12.58	12.57	.01	.66	.63	.03
1941.....	1.04	.96	.08	12.42	12.41	.01	.70	.68	.02
1942.....	1.13	1.06	.07	14.18	14.17	.01	.79	.78	.01
1943.....	1.11	1.00	.11	15.96	15.93	.03	.84	.83	.01
1944.....	1.03	.72	.31	17.97	17.92	.05	.73	.66	.07
1945.....	1.22	1.05	.17	18.86	18.79	.07	.73	.70	.03
1946.....	1.39	1.27	.12	18.56	18.47	.09	.87	.82	.05
1947.....	1.28	1.19	.09	19.10	19.08	.02	.76	.74	.02

<sup>1</sup> Average for the period.

<sup>2</sup> Less than .005.

<sup>3</sup> Includes quantities withdrawn for certain manufacturing, compounding, medicinal, and sacramental uses.

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce; World Trade in Commodities: Foreign Trade in Beverages and Beverage Materials, Nov. Data prior to 1922 published in the Statistical Abstract, 1921, p. 616.

No. 987.—TOBACCO PRODUCTS—PRODUCTION, BY KIND: 1901 TO 1946

[Compiled from monthly returns of manufacturers. Data relate to products manufactured in continental United States, excluding those manufactured in Customs bonded manufacturing warehouses, class 6. There were 128,841,360 large cigars manufactured in these warehouses in 1946. Large cigars are those weighing more than 3 pounds per thousand]

CALENDAR YEAR OR YEARLY AVERAGE	TOBACCO AND SNUFF (THOUSANDS OF POUNDS)						CIGARS (THOUSANDS)		CIGARETTES (THOUS	
	Total	Plug	Twist	Fine cut	Smok- ing <sup>1</sup>	Snuff	Large	Small	Large	Small
1901-1905.....	346,841	175,981		11,903	138,402	20,556	6,513,095	716,720	7,143	3,227,606
1906-1910.....	413,054	167,460	13,524	12,525	192,700	26,845	6,883,272	1,059,501	16,113	6,192,571
1911-1915.....	437,346	158,529	15,017	10,795	221,865	31,140	7,087,530	1,053,654	15,695	14,802,416
1916-1920.....	456,584	159,869	14,346	9,758	237,808	34,805	7,364,937	810,327	26,026	41,565,670
1921-1925.....	409,457	115,445	10,105	6,972	239,151	37,785	6,691,913	557,300	16,704	65,903,991
1926-1930.....	389,244	99,470	8,374	5,821	235,421	40,159	6,360,650	414,044	10,479	109,361,216
1931-1935.....	349,785	64,662	5,404	3,660	239,072	36,987	4,648,368	245,412	20,417	121,702,676
1936-1940.....	344,831	54,402	6,029	4,703	241,561	37,636	5,184,661	164,652	2,956	174,117,549
1935.....	342,728	60,588	5,604	4,683	235,757	36,095	4,685,370	177,822	2,504	139,966,180
1936.....	347,977	59,165	6,372	5,068	239,349	38,022	5,172,279	180,006	2,458	158,893,958
1937.....	340,579	58,331	6,774	4,999	233,334	37,141	5,303,369	198,585	3,066	169,969,320
1938.....	345,369	54,495	5,659	4,572	243,470	37,173	5,014,758	152,990	2,638	171,686,383
1939.....	343,307	51,263	5,733	4,701	243,640	37,970	5,197,627	156,940	4,369	180,666,824
1940.....	344,423	48,759	5,605	4,176	248,011	37,872	5,235,271	134,758	2,249	189,371,258
1941.....	342,427	50,230	5,614	5,069	241,897	39,616	5,610,176	146,711	1,790	217,934,925
1942.....	330,418	54,800	6,024	5,084	224,002	41,003	5,840,805	133,150	2,503	257,520,863
1943.....	327,089	58,945	6,257	4,460	214,249	43,179	5,363,027	125,480	6,111	296,173,333
1944.....	306,935	61,655	6,498	4,092	192,728	41,962	5,196,679	123,340	26,870	323,583,888
1945.....	330,502	59,704	6,723	3,970	216,271	43,834	5,274,675	98,167	82,416	332,164,670
1946 <sup>2</sup> .....	253,231	51,810	5,773	3,756	152,531	39,361	5,617,700	92,262	1,658	350,038,093

<sup>1</sup> Includes scrap chewing tobacco.  
<sup>2</sup> Number of factories on Jan. 1, 1947: Tobacco and snuff (excluding 206 "quasi" manufacturers), 381; cigars, 2,441; cigarettes, 60.

Source: Treasury Department, Bureau of Internal Revenue; Annual Report of the Commissioner.

No. 988.—TOBACCO, LEAF—AMOUNTS CONSUMED IN THE MANUFACTURE OF CIGARS, CIGARETTES, CHEWING AND SMOKING TOBACCO, AND SNUFF

[All figures in thousands of pounds. Figures represent the equivalent in unstemmed leaf tobacco of stemmed leaf or scraps, cuttings, and clippings. In the following table the tobacco used in the manufacture of cigars and cigarettes was converted on the basis of 3 pounds of stemmed leaf or scraps, etc., to 4 pounds of unstemmed beginning 1915 (conversion prior to 1915 was at the ratio of 3 to 5) and of tobacco and snuff beginning 1903. For 1896 to 1902, tobacco used in manufactured tobacco and snuff was shown only under two heads, namely, "leaf" and "scraps." It is probable that stemmed leaf was included with unstemmed tobacco under the head of "leaf" without the one kind being converted to the equivalent in the other. The conversion ratio of 3 to 4 was applied only to "scraps" for these years. Data exclude tobacco used in bonded manufacturing warehouses]

CALENDAR YEAR OR YEAR- LY AVERAGE	Total	Cigars	Ciga- rettes	Tobacco and snuff	CALENDAR YEAR	Total	Cigars	Ciga- rettes	Tobacco and snuff
1896-1900.....	359,053	87,851	16,235	254,967	1934.....	775,530	111,123	375,383	289,024
1901-1905.....	451,461	124,411	12,444	314,606	1935.....	775,932	113,742	399,458	262,731
1906-1910.....	524,193	139,206	22,079	362,908	1936.....	847,367	126,578	453,327	267,462
1911-1915.....	578,283	151,890	52,207	374,186	1937.....	872,924	128,653	479,961	264,309
1916-1920.....	650,460	155,312	130,320	364,828	1938.....	865,302	118,751	483,840	262,710
1921-1925.....	672,077	151,421	198,069	322,588	1939.....	885,299	122,681	509,133	253,485
1926-1930.....	762,540	149,240	312,533	300,767	1940.....	922,716	126,835	535,218	260,663
1931-1935.....	740,934	112,296	345,985	282,652	1941.....	1,009,065	136,066	626,842	246,178
1936-1940.....	878,722	124,700	492,296	261,726	1942.....	1,131,065	140,679	754,550	235,837
1930.....	779,806	137,901	347,915	293,990	1943.....	1,228,703	131,896	860,459	236,349
1931.....	752,404	127,628	329,962	294,813	1944.....	1,254,541	129,882	920,418	204,241
1932.....	690,134	104,288	299,029	286,817	1945.....	1,291,176	128,390	944,286	218,499
1933.....	710,668	104,699	326,093	279,876	1946.....	1,306,667	137,539	1,000,938	168,190

Source: Treasury Department, Bureau of Internal Revenue; Annual Report of the Commissioner.

No. 989.—COTTON-SYSTEM SPINDLES, COTTON CONSUMPTION, AND STOCKS

[Statistics for 1915 to 1947 relate to 12 months ending July 31 and those for prior years to 12 months ending Aug. 31. For 1946 and 1947 spindles in place include all cotton-system spindles in place regardless of fiber spun. Prior to 1946, "in place" figure represents all spindles in place used exclusively for spinning cotton. Consumption and stocks are expressed in running bales, counting round as half bales, except that all figures, 1840 to 1870, inclusive, and foreign cotton for all years are in equivalent 500-pound bales]

YEAR	COTTON-SYSTEM SPINDLES (THOUSANDS)					Active cotton spindle hours (millions)	COTTON CONSUMED, EXCLUDING LINTERS (THOUSANDS OF BALES) <sup>1</sup>			
	Total in place	Active <sup>1</sup>					United States	Cotton-growing States	New England	Other States
		United States	Cotton-growing States	New England	Other States					
1840.....	(3)	2, 285	181	1, 597	506	(3)	237	71	159	7
1850.....	(3)	3, 998	265	2, 959	775	(3)	576	78	431	67
1860.....	(3)	5, 236	324	3, 859	1, 053	(3)	845	94	567	184
1870.....	(3)	7, 132	328	5, 498	1, 306	(3)	797	69	551	177
1880.....	(3)	10, 653	561	8, 632	1, 460	(3)	1, 570	189	1, 129	252
1890.....	(3)	14, 384	1, 570	10, 934	1, 880	(3)	2, 518	539	1, 502	477
1900.....	(3)	19, 472	4, 368	13, 171	1, 933	(3)	3, 873	1, 523	1, 909	440
1910.....	28, 929	28, 267	10, 494	15, 735	2, 038	(3)	4, 622	2, 234	1, 995	393
1920.....	35, 834	35, 481	15, 231	18, 287	1, 963	(3)	6, 420	3, 583	2, 397	440
1925.....	37, 929	35, 032	17, 292	15, 975	1, 765	91, 055	6, 193	4, 220	1, 639	335
1930.....	34, 025	31, 245	18, 586	11, 351	1, 308	87, 515	6, 106	4, 749	1, 143	214
1935.....	30, 093	26, 701	18, 212	7, 763	726	72, 526	5, 361	4, 306	818	237
1939.....	25, 261	23, 731	17, 666	5, 408	657	87, 696	6, 858	5, 810	859	189
1940.....	24, 750	23, 586	17, 641	5, 279	666	97, 006	7, 784	6, 647	918	219
1941.....	24, 335	23, 389	17, 653	5, 088	649	111, 775	9, 722	8, 289	1, 147	285
1942.....	23, 971	23, 608	17, 800	5, 138	670	131, 161	11, 170	9, 526	1, 313	331
1943.....	23, 401	23, 429	17, 746	5, 043	641	129, 709	11, 100	9, 640	1, 156	305
1944.....	23, 293	23, 019	17, 652	4, 784	582	118, 283	9, 943	8, 739	950	254
1945.....	23, 128	22, 675	17, 610	4, 511	554	111, 898	9, 568	8, 455	891	222
1946.....	23, 862	21, 578	16, 869	4, 173	536	105, 368	9, 163	8, 074	854	235
1947.....	23, 824	21, 383	16, 692	4, 237	454	114, 727	10, 025	8, 776	968	281

YEARLY AVERAGE OR YEAR	CONSUMPTION (THOUSANDS OF BALES)						STOCKS IN CONSUMING ESTABLISHMENTS AT END OF YEAR (THOUSANDS OF BALES)			
	Cotton, excluding linters						Cotton, excluding linters <sup>1</sup>			
	Total	Domestic				Foreign	Linters	Total	Domestic	Foreign
		Total	Upland	Sea Island	American-Egyptian					
1906-1910.....	4, 829	4, 680	4, 616	64	-----	149	163	731	673	58
1911-1915.....	5, 257	5, 051	4, 976	75	( <sup>2</sup> )	206	293	822	738	84
1916-1920.....	6, 388	6, 105	6, 034	71	( <sup>2</sup> )	282	734	1, 452	1, 352	100
1921-1925.....	5, 869	5, 577	5, 531	9	37	292	599	1, 003	911	92
1926-1930.....	6, 735	6, 434	6, 419	1	15	301	815	1, 150	1, 050	100
1931-1935.....	5, 466	5, 325	5, 311	1	14	140	720	1, 116	1, 061	55
1936-1940.....	6, 938	6, 799	6, 780	2	18	139	836	7, 133	7, 060	74
1936.....	6, 351	6, 220	6, 198	( <sup>2</sup> )	21	131	734	897	855	42
1937.....	7, 950	7, 768	7, 747	( <sup>2</sup> )	20	182	819	1, 286	1, 218	67
1938.....	5, 748	5, 616	5, 608	2	6	132	715	10, 908	10, 821	87
1939.....	6, 858	6, 736	6, 714	3	19	122	851	12, 483	12, 406	76
1940.....	7, 784	7, 655	7, 631	3	21	128	1, 061	10, 094	9, 999	95
1941.....	9, 722	9, 576	9, 545	3	27	146	1, 359	11, 581	11, 441	140
1942.....	11, 170	10, 974	10, 922	4	47	196	1, 488	9, 900	9, 765	135
1943.....	11, 100	10, 930	10, 874	6	50	170	1, 301	9, 792	9, 704	88
1944.....	9, 943	9, 829	9, 782	3	44	114	1, 365	10, 159	10, 041	118
1945.....	9, 568	9, 448	9, 404	1	44	120	1, 481	10, 339	10, 215	124
1946.....	9, 163	8, 966	8, 946	1	19	197	1, 055	6, 746	6, 593	153
1947.....	10, 025	9, 765	9, 755	1	9	260	984	2, 310	2, 178	132

<sup>1</sup> For 1945 and earlier years data represent sum of greatest number of cotton spindles reported by each mill as active at any time during year, regardless of length of time operated. Beginning with 1946, active figure includes all cotton-system spindles active last day of year, regardless of type of fiber spun. On July 31, 1947, there were 21,383,000 spindles active on cotton, 807,000 on synthetics, 329,000 on other fibers and blends, and 1,305,000 idle.

<sup>2</sup> Includes linters for 1840 to 1908. Figures for all years include foreign and domestic cotton.  
<sup>3</sup> Not available. <sup>4</sup> Cotton mills only.  
<sup>5</sup> Includes stocks held in public storage and at compresses beginning 1938.  
<sup>6</sup> Includes linters for 1906 to 1908. <sup>7</sup> Average, 1909 and 1910.  
<sup>8</sup> "Upland" includes "American-Egyptian" beginning 1912 (first year produced). <sup>9</sup> Less than 500 bales.

Source: Dept. of Commerce, Bureau of Census; annual report, Cotton Production and Distribution.

No. 940.—COTTON-SYSTEM SPINDLE ACTIVITY, 1945, 1946, 1947, AND COTTON CONSUMPTION, 1943 TO 1947, BY REGION AND STATE

[Years ending July 31. Consumption includes domestic and foreign cotton and is in running bales counting round as half bales, except foreign cotton which is in equivalent 500-pound bales]

REGION AND STATE	COTTON SPINDLES IN PLACE (THOUSANDS) <sup>1</sup>			ACTIVE COTTON SPINDLE HOURS (MILLIONS)			COTTON CONSUMED, EXCLUDING LINTERS (THOUSANDS OF BALES)				
	1945	1946	1947	1945	1946	1947	1943	1944	1945	1946	1947
United States.....	23, 128	23, 862	23, 824	111, 898	105, 368	114, 727	11, 100	9, 943	9, 568	9, 163	10, 025
Cotton-growing States...	17, 607	18, 128	18, 104	94, 249	88, 446	95, 577	9, 640	8, 739	8, 455	8, 074	8, 776
New England.....	4, 931	5, 125	5, 154	15, 831	15, 230	17, 425	1, 156	950	891	854	968
Other States.....	590	609	566	1, 819	1, 692	1, 795	305	254	222	235	281
Alabama.....	1, 804	1, 819	1, 788	9, 616	9, 588	10, 291	1, 301	1, 176	1, 164	1, 128	1, 238
Connecticut.....	486	501	491	1, 327	1, 196	1, 299	78	62	57	59	65
Georgia.....	3, 064	3, 177	3, 191	16, 596	15, 814	16, 775	2, 296	2, 045	2, 010	1, 971	2, 116
Maine.....	602	602	630	2, 007	1, 976	2, 648	182	153	149	138	165
Massachusetts.....	2, 694	2, 789	2, 825	9, 017	8, 714	9, 685	625	513	485	470	525
New Hampshire.....	(3)	(3)	(3)	(3)	(3)	(3)	146	125	112	(3)	(3)
New York.....	268	288	305	869	844	944	119	103	91	90	100
North Carolina.....	5, 719	5, 848	5, 850	30, 071	27, 797	29, 634	2, 854	2, 660	2, 550	2, 382	2, 576
Rhode Island.....	825	862	851	2, 222	2, 148	2, 430	121	95	86	81	96
South Carolina.....	5, 314	5, 522	5, 543	29, 673	27, 334	30, 098	2, 190	2, 039	1, 952	1, 823	2, 028
Tennessee.....	533	562	567	2, 980	2, 704	2, 974	263	222	221	208	214
Texas.....	239	242	230	1, 028	1, 058	1, 130	267	208	191	198	200
Virginia.....	620	646	646	2, 770	2, 692	3, 200	260	231	226	197	221
All other States.....	958	1, 004	907	3, 722	3, 503	3, 619	397	312	274	418	481

<sup>1</sup> For 1946 and 1947 spindles in place include all cotton-system spindles in place regardless of fiber spun. Prior to 1946, "in place" figure represents all spindles in place used exclusively for spinning cotton.  
<sup>2</sup> Included in all other States.

Source: Dept. of Commerce, Bureau of Census; annual report, Cotton Production and Distribution.

No. 941.—COTTON AND RAYON MILL MACHINERY—NUMBER OF MACHINES IN PLACE, BY KIND AND BY REGION AND STATE: FEBRUARY 28, 1942

[Machinery in place is that which is set up in operating position]

REGION AND STATE	Cards	Combs	ROVING MACHINERY				Spinning spindles	Twist- ing spindles	Looms
			Slub- bers	Speeders	Inter- medi- ates	Jacks			
United States.....	90, 582	7, 245	637, 529	1, 962, 868	700, 060	524, 948	24, 185, 947	3, 427, 293	522, 127
Cotton-growing States.....	72, 141	3, 828	524, 619	1, 493, 816	520, 330	232, 444	18, 184, 663	2, 612, 863	363, 376
North Carolina.....	24, 339	2, 591	161, 786	539, 540	162, 410	148, 002	5, 861, 613	1, 173, 469	85, 383
South Carolina.....	16, 969	499	129, 672	491, 417	136, 000	17, 768	5, 620, 037	364, 376	144, 770
Georgia.....	15, 692	264	124, 558	224, 347	103, 000	9, 668	3, 154, 956	648, 122	54, 404
Alabama.....	8, 365	168	72, 405	104, 520	50, 276	18, 120	1, 813, 716	224, 414	34, 870
Other cotton-growing States <sup>1</sup> .....	6, 776	306	36, 198	133, 992	68, 644	38, 886	1, 734, 341	202, 482	43, 949
New England <sup>2</sup> .....	15, 441	3, 219	90, 686	392, 722	156, 412	282, 780	5, 297, 814	723, 078	117, 020
Massachusetts.....	8, 671	2, 171	46, 228	269, 876	98, 220	195, 692	2, 992, 490	405, 150	56, 790
Rhode Island, Connecticut.....	3, 179	798	16, 864	71, 592	27, 412	73, 512	1, 301, 520	264, 860	35, 029
Middle Atlantic <sup>3</sup> .....	2, 616	180	18, 308	64, 058	20, 084	8, 212	589, 436	87, 372	39, 483
Midwestern <sup>4</sup> .....	384	18	3, 916	12, 272	3, 234	1, 512	114, 034	3, 980	2, 248

<sup>1</sup> Includes Arkansas, California, Kentucky, Louisiana, Mississippi, Oklahoma, Tennessee, Texas, and Virginia.  
<sup>2</sup> Includes Maine, New Hampshire, and Vermont, not shown separately.  
<sup>3</sup> Includes Delaware, Maryland, New Jersey, New York, and Pennsylvania.  
<sup>4</sup> Includes Illinois, Indiana, Michigan, Ohio, and Wisconsin.

Source: Department of Commerce, Bureau of the Census; compiled from manufacturers' reports to War Production Board and published in Facts for Industry Series 32-16-1.

## No. 942.—WOOL MANUFACTURING EQUIPMENT, BY TYPE: 1899 TO 1943

[Represents equipment in possession of wool manufacturing establishments, regardless of condition. 1943 data based on reports of machinery "in place," and include estimates of number in possession but not in place. Data for 1899, 1914, and 1929 reported in Census of Manufactures, and exclude mills whose product was valued at less than \$500 in 1899 and 1914, and less than \$5,000 in 1929; 1943 inventory included all mills, regardless of size]

TYPE	1899	1914	1929	1943
Rag pickers <sup>1</sup>	(?)	1,769	1,496	1,346
Garnetts <sup>1</sup>	(?)	413	437	577
Cards (combs), except shoddy cards	(?)	(?)	8,831	7,172
Woolen	7,756	5,819	5,810	5,247
Worsted <sup>1</sup>	(?)	(?)	2,221	1,926
Combs	1,451	2,425	2,661	2,613
Spinning spindles, total	3,220,792	4,307,365	4,880,606	3,642,902
Woolen <sup>1</sup>	2,225,893	2,079,626	2,303,207	1,661,818
Worsted	994,899	2,227,739	2,547,401	1,981,084
Twisting spindles, total <sup>1</sup>	442,672	876,783	917,146	706,220
Woolen	96,252	91,792	95,778	144,030
Worsted	344,420	784,991	821,368	654,190
Looms, except carpet and rug <sup>1</sup>	53,294	76,789	69,554	43,210
Carpet and rug looms	9,796	9,821	10,267	6,557

<sup>1</sup> Data for 1899, 1914, and 1929 include estimates to provide for these machines in knitting mills. 1929 data also include estimates on number of woolen spinning spindles and worsted cards in knitting mills.

<sup>2</sup> Data not available.

<sup>3</sup> 1943 and other years not strictly comparable. Census of Manufactures for 1899, 1914, and 1929 called for a report on looms from those mills whose principal products were wool and hair goods while 1943 inquiry covered all mills consuming weaving yarns spun on woolen or worsted spinning spindles. Includes pile fabric looms conforming with these definitions.

Source: Department of Commerce, Bureau of the Census; 1943 data published in Facts for Industry Series M15H.

## No. 943.—WOOL MANUFACTURING EQUIPMENT IN PLACE, BY REGION AND STATE: 1943

[Machinery in place is that which is set up in operating position]

REGION AND STATE	Worsted combs	Woolen spinning spindles	Worsted spinning spindles	Woolen and worsted looms	WOOL CARPET AND RUG LOOMS	
					Domestic	Foreign
United States.....	2,582	1,653,556	1,957,593	43,213	2,422	2,496
New England.....	1,304	835,471	1,390,135	35,009	340	609
Connecticut.....	(?)	127,664	15,192	2,599	(?)	(?)
Maine.....	(?)	152,343	95,312	3,466	(?)	(?)
Massachusetts.....	1,141	336,318	608,381	10,781	(?)	(?)
New Hampshire.....	(?)	122,071	62,864	2,610		
Rhode Island.....	506	74,962	497,050	5,236		
Vermont.....		42,113	20,536	918		
Middle Atlantic.....	872	414,504	454,330	9,548	1,866	2,577
New Jersey.....	405	65,965	156,434	2,097	193	291
New York.....	61	205,966	82,144	2,371	1,216	1,278
Pennsylvania.....	206	140,573	215,752	4,680	477	1,008
Southern <sup>2</sup> .....		192,654	58,312	2,557	196	242
North Central <sup>3</sup> .....	106	160,245	43,436	2,658		
Western <sup>4</sup> .....		30,676	11,201	781		

<sup>1</sup> Not shown separately to avoid disclosing information for individual establishments.

<sup>2</sup> Ala., Del., Ga., Ky., N. C., S. C., Tenn., Texas, Va., W. Va., Md., and Okla.

<sup>3</sup> Ill., Ind., Iowa, Mich., Minn., Mo., Ohio, and Wis.

<sup>4</sup> Calif., Oreg., Utah, Wash., and Wyo.

Source: Department of Commerce, Bureau of the Census; published in Facts for Industry Series M15H.

## No. 944.—COTTON MANUFACTURES—PRODUCTION BY KIND: 1939 TO 1947

[Data for 1941-46 collected to meet requirements of war agencies; not strictly comparable with Census of Manufactures for 1939. 1947 data preliminary]

[In thousands of linear yards]

PRODUCT	1939 <sup>1</sup>	1941	1943	1945	1946	1947
Cotton woven goods over 12 inches in width, except tire fabrics, total <sup>2</sup> ...	8,287,249	10,431,979	10,572,294	8,720,550	9,144,418	9,248,744
Cotton duck.....	173,979	338,003	550,472	436,513	241,632	212,020
Narrow sheeting and allied coarse and medium yarn fabrics.....	1,585,034	2,110,024	2,809,511	2,234,890	2,232,578	2,353,509
Print-cloth yarn fabrics.....	2,999,356	3,530,336	3,298,124	2,810,429	2,883,998	3,230,198
Napped fabrics, total.....	451,412	535,133	446,781	418,769	455,497	509,889
Flannel, moleskin and duvetyn <sup>3</sup> .....	313,346	316,745	308,348	282,120	294,644	346,757
Blankets, except crib, total <sup>4</sup> .....	* 74,774	101,940	63,195	41,697	42,499	48,785
All-cotton, total.....	58,497	82,301	49,323	36,390	27,924	40,272
Not jacquard.....	48,452	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Jacquard.....	12,965	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Part-wool (blankets, except all-cotton, containing less than 25 percent, by weight, of wool or similar fibers)—jacquard and not jacquard <sup>6</sup> .....	* 16,367	* 19,689	* 13,872	* 5,307	* 4,574	* 8,493
Crib blankets, all cotton.....	10,750	( <sup>7</sup> )	11,795	16,637	20,621	22,742
Crib blankets, all fibers.....	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
Blanketing (made for sale as piece goods), all cotton.....	5,507	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
Other napped fabrics.....	47,085	116,448	63,443	76,318	97,734	91,625
Colored yarn cotton goods and related fabrics.....	682,659	909,699	696,471	817,831	616,295	726,536
Fine cotton-goods (all combed or part-combed cotton fabrics, including fabrics having rayon or other synthetic fiber or silk decorations and fine carded goods).....	1,036,208	1,270,113	1,235,729	1,142,301	1,275,842	1,316,620
Towels, toweling, washcloths, and terry-woven fabrics other than towels.....	482,641	531,405	416,995	352,632	414,613	408,275
Wide cotton fabrics.....	537,475	679,329	586,351	493,426	562,335	645,314
Specialties and all other fabrics.....	317,487	527,877	373,150	313,769	461,910	385,275

<sup>1</sup> Data collected in 1939 Census were published in square yards, although the major fabric classifications included data in terms of linear yards.<sup>2</sup> In the gray except blankets and blanketing. All figures for 1941-47 represent goods in the gray.<sup>3</sup> Includes outing and interlining flannels, cotton flannels, moleskin (heavy-filling sateens), duvetyns and suede.<sup>4</sup> Data for interlining flannels, workshirt flannels, moleskins and suede included with all other napped fabrics.<sup>5</sup> For production of wool-and-cotton mixed blankets and blanketing containing 25 to 98 percent wool, see table 948.<sup>6</sup> 1939 data are for finished fabrics. 1941-47 are for goods in the gray.<sup>7</sup> Includes a small quantity of cotton and rayon blankets.<sup>8</sup> Data not available.<sup>9</sup> Includes blanketing.<sup>10</sup> Data for crib blankets not collected separately. Included with other blankets according to fiber content.<sup>11</sup> Includes fabrics containing 51 percent or more cotton by weight, balance rayon.

Source. Department of Commerce, Bureau of the Census; 1939 from Biennial Census of Manufactures; 1941-46 compiled from manufacturers' reports to War Production Board and Civilian Production Administration and published in Facts for Industry Series 32-2; 1947 data published in Facts for Industry Series M15-A.



### No. 945.—COTTON AND RAYON WOVEN GOODS, BLEACHED, DYED OR PRINTED: 1939 TO 1947

[Data cover bleaching, dyeing, and printing of cotton and rayon woven textiles. Data for 1941-46 collected to meet requirements of war agencies, not strictly comparable with Census of Manufactures for 1939. 1947 figures preliminary]

[In thousands of linear yards]

PRODUCT	1939 <sup>1</sup>	1941	1943	1946	1947
Bleached, dyed or printed goods, total.....	6,303,776	( <sup>2</sup> )	9,034,432	8,648,290	8,671,213
Cotton.....	5,080,065	6,619,520	7,403,106	6,922,822	6,913,788
Rayon <sup>3</sup> .....	1,252,710	( <sup>1</sup> )	1,631,326	1,725,468	1,757,425
Bleached and white finished goods, total.....	2,174,362	( <sup>2</sup> )	3,900,363	3,578,225	3,779,783
Cotton.....	2,174,352	3,054,821	3,681,604	3,379,692	3,573,289
Rayon <sup>3</sup> .....	( <sup>1</sup> )	( <sup>1</sup> )	218,779	198,533	206,494
Plain dyed and finished goods, total.....	2,484,894	( <sup>2</sup> )	3,533,410	3,037,180	2,966,593
Cotton.....	1,431,938	2,112,435	2,479,416	1,871,852	1,764,417
Rayon <sup>3</sup> .....	972,956	( <sup>1</sup> )	1,053,994	1,165,328	1,202,176
Printed and finished goods, total <sup>4</sup> .....	1,723,529	( <sup>2</sup> )	1,600,659	2,032,916	1,924,865
Cotton.....	1,443,775	1,353,264	1,242,068	1,671,078	1,576,032
Rayon <sup>3</sup> .....	279,754	( <sup>1</sup> )	358,591	361,837	348,833

<sup>1</sup> Cotton fabric data for 1939 include cotton, linen and cotton-warp mixtures. Rayon fabric data include rayon and silk, including mixtures.

<sup>2</sup> Complete data for finishing rayon fabrics in 1941 are not available.

<sup>3</sup> Rayon fabrics are defined as fabrics containing 51 percent or more rayon by weight. Rayon means synthetic yarns made by viscose, cuprammonium and cellulose acetate processes. An unknown quantity of fabrics made from nylon and other synthetic fibers are also included in the rayon yardage.

<sup>4</sup> White finished rayon goods are included with rayon dyed goods.

<sup>5</sup> Includes roller, screen, flock and block printed fabrics.

Source: Department of Commerce, Bureau of Census; 1939 from Biennial Census of Manufactures; 1941-46 compiled from manufacturers' reports to War Production Board and Civilian Production Administration. Published in Facts for Industry Series M15G.

### No. 946.—PYROXYLIN SPREAD, SHIPMENTS BY TYPE OF GOODS, AND CAPACITY: 1935 TO 1947

[Based on monthly figures of processors who coat or impregnate fabrics or paper (except shade cloth) with soluble cotton or pyroxylin preparations, either separately or in combination with other materials. "Light" cotton fabrics include sheetings and print cloths; "Heavy" cotton fabrics include drills, ducks, satens, broken twills, and moleskins]

[Quantity and value figures in thousands]

YEARLY AVERAGE OR YEAR	Num- ber of estab- lish- ments	Pyroxylin spread (pounds)	SHIPMENTS								Capacity (linear yards) <sup>2</sup>
			Light cotton fabrics		Heavy cotton fabrics		Custom coating		Nonfabric ma- terial <sup>1</sup>		
			Linear yards	Value	Linear yards	Value	Linear yards	Value	Linear yards	Value	
1935-39.....	21	58,851	33,828	\$8,114	22,132	\$11,865	( <sup>3</sup> )	( <sup>3</sup> )	.....	.....	87,851
1940.....	21	59,666	33,966	7,932	28,652	13,117	( <sup>3</sup> )	( <sup>3</sup> )	.....	.....	87,611
1941.....	21	82,331	48,112	12,450	39,945	20,420	( <sup>3</sup> )	( <sup>3</sup> )	.....	.....	87,443
1942.....	21	58,306	37,335	11,610	28,297	16,426	( <sup>3</sup> )	( <sup>3</sup> )	.....	.....	87,515
1943.....	21	49,444	34,311	8,186	25,464	15,577	( <sup>3</sup> )	( <sup>3</sup> )	.....	.....	94,415
1944.....	21	54,982	38,759	12,434	26,747	15,496	( <sup>3</sup> )	( <sup>3</sup> )	.....	.....	97,759
1945.....	29	59,941	34,532	11,355	17,453	11,825	\$22,532	\$4,928	2,378	\$592	(pounds) 17,173
1946.....	26	79,209	49,336	19,862	27,564	21,303	\$23,692	\$5,508	4,762	1,716	16,723
1947.....	27	66,168	40,609	21,370	24,213	24,607	\$12,608	\$3,469	2,269	1,064	16,970

<sup>1</sup> Data not collected prior to January 1945.

<sup>2</sup> Based on maximum quantity of 1.27 to 1.30 sateen coated to a finished weight of 17½ ounces per linear yard, in a month of 360 working hours.

<sup>3</sup> Data for "Custom coating" included with "Light cotton fabrics" and "Heavy cotton fabrics."

<sup>4</sup> Data for "Fabrics other than cotton" included with "Custom coating" to avoid disclosing data for individual establishments.

<sup>5</sup> Based on all machines suitable for pyroxylin coating, assuming 600 working hours per month and entire production on 53"—1.32 sateen coated to a finished weight of 17½ ounces per linear yard assuming 40 percent solids. No comparative data available from 1935 to 1944.

Source: Department of Commerce, Bureau of the Census; annual summary of monthly reports on pyroxylin-coated fabrics and paper, Facts for Industry Series M15F.

# No. 947.—RAYON BROAD WOVEN FABRICS—PRODUCTION, BY TYPE: JULY 1943 TO DECEMBER 1947

[Data cover production of rayon broad woven fabrics containing by weight 51 percent or more rayon. Fabrics reported are either 100 percent rayon or rayon mixtures containing 51 percent or more rayon with addition of cotton or other fibers. However, if wool fibers are added to extent of 25 percent or more, they are classed as woolen mixtures and are not included with fabrics listed. After Census of Manufactures for 1939, detailed data for this industry were not collected until 1943. Data for 1943-46 were collected to meet requirements of war agencies and are not comparable with Census of Manufactures data. 1947 data are preliminary]

[In thousands of linear yards]

PRODUCT	July-Dec. 1943	1944	1945	1946	1947
<b>Rayon broad woven fabrics, total <sup>1</sup>.....</b>	<b>807, 631</b>	<b>1, 602, 633</b>	<b>1, 552, 105</b>	<b>1, 713, 364</b>	<b>1, 903, 308</b>
<b>100 percent filament rayon fabrics, total.....</b>	<b>566, 574</b>	<b>1, 103, 210</b>	<b>1, 028, 708</b>	<b>1, 048, 965</b>	<b>1, 210, 356</b>
Flat fabrics, total.....	358, 178	658, 398	599, 655	555, 187	629, 371
Bright viscose taffetas.....	26, 893	48, 724	44, 266	46, 426	51, 935
Pigment viscose taffetas.....	43, 512	81, 482	76, 349	76, 625	98, 124
Acetate taffetas.....	38, 506	86, 446	85, 721	77, 712	70, 161
Cross-dyed taffetas.....	9, 359	21, 113	21, 800	23, 031	14, 131
Rayon parachute fabrics.....	70, 967	76, 173	62, 023	( <sup>2</sup> )	( <sup>2</sup> )
Jersey weaves.....	( <sup>2</sup> )	5, 364	5, 998	9, 867	( <sup>2</sup> )
Sand weaves.....	( <sup>2</sup> )	15, 959	15, 267	( <sup>2</sup> )	( <sup>2</sup> )
Sharkskins.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	9, 311	14, 662
Twills and serges.....	61, 211	137, 462	104, 487	129, 296	160, 337
Viscose satins.....	4, 946	17, 758	16, 875	16, 280	25, 222
Acetate satins.....	64, 644	119, 332	113, 167	114, 973	142, 001
All other flat fabrics.....	38, 140	48, 585	53, 702	51, 696	52, 798
Twisted yarn fabrics, total.....	208, 396	444, 812	429, 053	493, 778	580, 985
Crepe satins.....	4, 944	19, 382	21, 029	25, 675	25, 294
Flat crepes.....	34, 412	72, 246	30, 965	87, 735	106, 779
Faille.....	( <sup>2</sup> )	( <sup>2</sup> )	31, 044		
Canton crepes.....	2, 511	8, 522	9, 828	98, 235	123, 462
French crepes.....	38, 999	84, 708	84, 905		
Plied yarn fabrics, plain weave.....	78, 042	148, 197	135, 438	83, 220	111, 886
Plied yarn fabrics, fancy weave.....				52, 873	51, 453
Marquisettes.....	17, 882	39, 295	44, 237	55, 417	54, 928
Ninons and volles.....	17, 289	39, 338	38, 012	41, 445	41, 392
Other sheers (georgettes, triple sheers, etc.).....	14, 317	33, 124	33, 595	37, 882	52, 876
All other twisted yarn fabrics.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	11, 346	12, 915
<b>100 percent spun rayon fabrics, total.....</b>	<b>80, 872</b>	<b>156, 141</b>	<b>161, 996</b>	<b>191, 606</b>	<b>294, 441</b>
Twills (including serges, gabardines, etc.).....	35, 130	82, 505	76, 180	33, 923	62, 107
Ribbed and corded fabrics (poplins, bedford cord, etc.).....				3, 450	( <sup>2</sup> )
Challis.....	3, 950	23, 766	25, 385	18, 700	22, 518
Linen type flakes.....	7, 282			22, 825	24, 701
Plied yarn fabrics.....	6, 667	17, 895	21, 409	49, 326	54, 652
All other 100 percent spun rayon fabrics.....	27, 843	31, 975	39, 072	63, 382	130, 463
<b>Combination filament and spun rayon fabrics, total</b>	<b>71, 662</b>	<b>154, 398</b>	<b>159, 100</b>	<b>172, 609</b>	<b>182, 242</b>
Poplins and failles.....	( <sup>4</sup> )	38, 834	34, 323	62, 999	72, 175
Shantung.....	13, 465	27, 837	23, 024	22, 111	( <sup>4</sup> )
Fujis.....	18, 667	47, 912	61, 137	65, 832	62, 937
All other filament and spun rayon.....	39, 530	39, 815	40, 616	21, 667	47, 130
<b>Pile, upholstery, drapery, tapestry, and tie fabrics, total.<sup>5</sup></b>	<b>15, 571</b>	<b>29, 226</b>	<b>31, 842</b>	<b>46, 398</b>	<b>46, 351</b>
Velvets, plushes and other pile fabrics.....	4, 084	8, 345	8, 134	9, 535	11, 823
Upholstery, drapery, and tapestry fabrics.....	2, 925	4, 154	5, 042	15, 962	13, 513
Yarn-dyed tie fabrics.....	8, 562	16, 727	18, 666	14, 394	21, 015
Non-yarn-dyed tie fabrics.....				6, 507	
<b>All other rayon mixtures, total.....</b>	<b>72, 952</b>	<b>159, 658</b>	<b>170, 459</b>	<b>253, 786</b>	<b>169, 918</b>
Rayon and wool.....	11, 468	24, 921	27, 921	39, 225	34, 728
Filament rayon and cotton.....				81, 744	
Spun rayon and cotton.....	48, 337	96, 488	97, 621	83, 812	135, 190
Rayon and other fibers.....	13, 147	38, 249	44, 917	49, 005	
<b>Silk, nylon, glass, and other fabrics, total <sup>6</sup>.....</b>	<b>40, 354</b>	<b>83, 920</b>	<b>67, 368</b>	<b>61, 829</b>	<b>58, 183</b>
100 percent nylon fabrics.....	33, 395	64, 399	43, 382	21, 539	20, 573
100 percent silk fabrics.....	1, 739	1, 650	1, 891	7 9, 533	7 8, 939
Other woven fabrics, not classified above.....	5, 220	17, 871	22, 095	30, 757	28, 672

<sup>1</sup> Includes estimated production for a few mills not reporting; estimates distributed by fabric classification.

<sup>2</sup> Included in "All other flat fabrics."

<sup>3</sup> Included with "All other 100 percent spun rayon fabrics" to avoid disclosing data for individual establishments.

<sup>4</sup> Included in "All other filament and spun rayon."

<sup>5</sup> Fabrics containing 51 percent or more rayon by weight, without separation as to type of yarn used; includes filament rayon, spun rayon and mixtures of rayon and other fiber.

<sup>6</sup> Includes fabrics made of casein, other synthetic fibers and mixtures of rayon and other fibers containing less than 51 percent of rayon.

<sup>7</sup> Includes small amount of silk mixtures.

Source: Department of Commerce, Bureau of the Census; compiled from manufacturers' reports to War Production Board and Civilian Production Administration and published in Facts for Industry Series 32-3; 1947 data published in Facts for Industry Series M15C.

**No. 948.—WOOLEN AND WORSTED MANUFACTURES—PRODUCTION, BY KIND,  
1939 TO 1947**

[Woolen and worsted woven goods defined as fabrics containing by weight 25 percent or more wool fiber. Wool fiber means fibers as defined by Wool Products Labeling Act of 1939. Data beginning with 1943 not strictly comparable with those published in Census of Manufactures for 1939. Detailed information on military fabrics required by war agencies, and in most cases, collected by type of fabric rather than by end use. Consultations with military agencies provided basis for estimating end use of each type of fabric. Estimates occurred primarily in men's wear fabrics, and involved less than 15 percent of total apparel fabrics produced. Production figures of women's and children's wear fabrics collected by weight of fabric instead of end use. In Census of Manufactures for 1939 data collected from this industry on a square-yard basis; present series requires reporting of linear yards, with narrow fabrics converted to a 54-inch width. 1939 data converted to a 54-inch linear yard measure by dividing quantity of square yards by 1½, excepting blankets which were converted to a 72-inch linear yard measure by dividing quantities of square yards by 2]

PRODUCT	1939	1940	1941	1945	1946	1947
	Thousands of linear yards <sup>1</sup>					
<b>Woven goods (except woven felt)</b> .....	<b>371,848</b>	<b>535,429</b>	<b>527,985</b>	<b>493,431</b>	<b>683,718</b>	<b>501,443</b>
<b>Apparel fabrics<sup>2</sup></b> .....	<b>331,004</b>	<b>440,573</b>	<b>448,530</b>	<b>461,434</b>	<b>524,286</b>	<b>437,074</b>
Men's wear.....	178,856	256,769	217,778	204,191	228,114	
Men's wear suitings and pantings.....	149,738	166,282	163,735	151,123	188,098	
Men's wear shirtings.....	1,880	46,007	21,194	25,227	18,313	
Men's wear overcoatings and topcoatings.....	27,188	44,480	32,849	27,841	21,703	
Women's and children's wear <sup>3</sup> .....	107,060	132,097	170,467	141,443	234,921	
Weighing up to 8.9 ounces.....	(4)	23,507	37,123	21,902	42,872	
Weighing 9-12.9 ounces.....	(4)	49,805	76,140	78,151	127,477	(5)
Weighing over 13 ounces.....	(4)	58,785	57,204	41,300	64,572	
General use fabrics.....	25,668	44,026	47,054	48,100	51,627	
Melton, mackinaw, snow and ski suit cloths.....	8,892	9,705	15,978	17,278	17,933	
Linings and interlinings.....	6,204	27,918	22,358	23,662	20,188	
Bathrobe flannels.....	10,572	6,463	8,728	7,160	13,506	
Other apparel fabrics.....	9,404	7,681	5,371	7,700	9,624	
<b>Nonapparel fabrics (except woven felts)</b> .....	<b>58,840</b>	<b>95,856</b>	<b>87,315</b>	<b>91,997</b>	<b>79,432</b>	<b>64,369</b>
Blankets.....	19,578	80,302	78,897	80,167	48,487	31,643
95 percent or more wool or similar animal fibers.....	(6)	66,303	82,713	52,604	18,494	
50 percent but less than 95 percent wool or similar animal fibers.....	(6)	6,800	7,281	7,778	10,775	(6)
25 percent but less than 50 percent wool or similar animal fibers.....	(6)	16,199	18,793	19,466	19,188	
Upholstery fabrics.....	5,668	1,904	4,162	7,817	28,631	28,932
Bunting.....	(6)	537	1,499	(7)	(7)	(7)
Other nonapparel.....	26,576	4,123	2,767	4,013	2,344	3,589
	Thousands of pounds					
Papermakers' felts.....	5,164	5,074	5,643	5,819	6,600	7,238
Other woven felts.....	1,876	3,668	3,656	3,182	3,331	3,479

<sup>1</sup> Measure used in 1939 was square yards; data converted to a 54-inch linear yard measure, excepting blankets which have been converted to a 72-inch linear yard measure. Data for 1943-47 on narrow fabrics converted by reporting companies to a 54-inch linear yard measure.

<sup>2</sup> Includes data for military fabrics reported by types. Estimates as to end use classification made on less than 15 percent of total quantity of apparel fabrics.

<sup>3</sup> Data for 1939 collected as to end use; 1943-46 data collected by weight of fabric.

<sup>4</sup> Data not available.

<sup>5</sup> Data not collected on same basis last half of 1947.

<sup>6</sup> An unknown quantity of these fabrics included in the women's and children's wear classifications.

<sup>7</sup> Included in other nonapparel fabric classification.

Source: Department of Commerce, Bureau of the Census; 1939 from Biennial Census of Manufactures; 1942-46 compiled from manufacturers' reports to War Production Board and Civilian Production Administration. Published in Facts for Industry Series M15H.

**No. 949.—KNIT GOODS: CLOTH, UNDERWEAR, AND OUTERWEAR—PRODUCTION, BY TYPE: 1944 TO 1947**

PRODUCT	Unit	1944	1945	1946	1947 <sup>1</sup>
Knit cloth for sale, total <sup>2</sup>	Million pounds	125.9	130.0	145.1	137.9
Warp knit fabrics	do	28.6	28.1	34.3	35.7
Circular knit fabrics	do	97.3	101.9	110.8	102.2
Knit underwear: <sup>3</sup>					
Knit rayon underwear and night wear, total	Thousand dozens	14,981.6	15,235.7	16,144.7	16,516.1
Made from circular knit tubing	do	11,155.6	10,725.4	10,675.7	11,532.4
Made from warp knit fabric	do	3,826.0	4,510.3	5,469.0	6,983.7
Knit cotton and wool underwear, total	do	37,495.7	35,231.9	37,687.6	39,778.3
Union suits	do	3,329.1	2,634.3	3,131.3	4,379.3
Undershirts	do	12,266.5	13,455.8	10,811.5	12,981.3
Drawers	do	2,396.9	1,894.3	1,106.5	1,391.6
Shirts, briefs, vests, and panties	do	18,484.2	20,246.5	22,578.3	21,126.3
Knit outerwear: <sup>4</sup>					
Sweaters, jackets, and jerseys	do	3,809	3,773	9,285	6,367
Bathing suits and trunks	do	595	779	901	465
Knit headwear and neckwear	do	2,534	2,523	2,375	1,063

<sup>1</sup> Preliminary.<sup>2</sup> Data account for practically entire production.<sup>3</sup> Data account for approximately 90 percent of total production.<sup>4</sup> Data account for approximately 93 percent of total production.

Source: Dept. of Commerce, Bureau of Census; published in Facts for Industry Series M15K, M67C, and M67G.

**No. 950.—WOMEN'S AND CHILDREN'S CLOTHING—PRODUCTION, BY TYPE: 1943 TO 1947**

[No data available for 1945]

TYPE OF GARMENT	Unit	1943 <sup>1</sup>	1944 <sup>1</sup>	1946	1947 <sup>2</sup>
Women's and misses' blouses	Thousand dozens	6,734	6,328	6,184	5,856
Women's and misses' unit price dresses	Thousand units	139,409	135,225	134,185	112,042
Women's and misses' dozen price dresses	Thousand dozens	7,889	6,579	6,574	6,768
Women's and misses' suits	Thousand units	13,041	13,340	17,491	13,512
Women's and misses' skirts	Thousand dozens	2,428	1,841	1,795	1,789
Women's and misses' untrimmed coats	Thousand units	21,670	20,310	20,120	17,419
Women's and misses' fur-trimmed coats	do	3,431	2,387	1,685	1,725
Women's and misses' slips and petticoats	Thousand dozens	9,088	8,000	9,431	8,634
Children's dresses	Thousand units	70,695	70,948	( <sup>3</sup> )	60,525
Children's coats	do	9,507	13,294	( <sup>3</sup> )	9,934

<sup>1</sup> Includes estimates for firms (excused from filing during 1943 and 1944) with 1943 sales of less than \$150,000.<sup>2</sup> Preliminary.<sup>3</sup> No data available.

Source: Dept. of Commerce, Bureau of Census; published in Facts for Industry Series M67H, M67J, and M67K.

**No. 951.—MEN'S AND BOYS' CLOTHING—SELECTED GARMENTS CUT: 1937 TO 1947**

[Leaders indicate comparable data not available]

TYPE OF GARMENT	Unit	1937	1939	1946	1947
Suits	Thousand units	23,743	27,354	37,053	29,019
Men's and youths'	do	20,733	24,737	34,078	26,005
Boys'	do	3,010	2,617	2,975	2,414
Separate trousers, wool	do			31,102	30,951
Men's and youths'	do			25,681	26,243
Boys'	do			5,421	4,708
Separate coats	do			8,033	5,460
Men's and youths'	do			6,977	4,922
Boys'	do			1,056	539
Overcoats and topcoats	do			8,289	7,610
Men's and youths'	do	5,169	5,644	8,086	7,300
Boys'	do			203	310
Dress and sport shirts	Thousand dozens	14,251	15,361	16,061	16,040
Men's and youths'	do	12,027	13,362	13,878	15,347
Boys'	do	2,224	1,999	2,183	1,693
Separate trousers, cotton and rayon	Thousand units			37,012	27,300
Men's and youths'	do			24,006	18,316
Boys'	do			13,007	9,044
Overalls	Thousand dozens	4,114	3,973	5,616	6,563
Men's and youths'	do			3,219	4,123
Boys'	do			2,397	2,435
Work shirts (includes flannel)	do	6,062	6,880	7,145	5,664
Men's and youths'	do			6,359	4,800
Boys'	do			786	864

<sup>1</sup> Includes polo, tennis, and basque shirts of knitted fabrics.

Source: Department of Commerce, Bureau of the Census; published in Facts for Industry Series M67B.

## No. 952.—HOSIERY—PRODUCTION, BY TYPE: 1942 TO 1947

[In thousands of dozens of pairs]

TYPE	1942	1943	1944	1945	1946	1947
<b>Total, all types</b>	<b>147,902</b>	<b>149,282</b>	<b>141,435</b>	<b>135,841</b>	<b>157,383</b>	<b>149,545</b>
<b>Women's full-fashioned, total</b>	<b>35,082</b>	<b>37,098</b>	<b>35,505</b>	<b>34,740</b>	<b>40,323</b>	<b>38,875</b>
All-silk	879	13	1	(1)	1,002	887
Silk leg, with cotton or rayon welt	2,940	45	6		387	411
All-nylon	798	4		2,697	29,819	31,622
Nylon leg, with cotton or rayon welt	2,786	17	2	359	3,078	1,872
All-rayon	25,167	27,126	25,991	24,061	7,575	2,802
Rayon leg, with cotton welt		8,357	10,301	7,383	3,895	1,117
Cotton	2,474	1,814	210	162	347	300
All other yarns, and mixtures	540	622	83	78	180	54
<b>Seamless, total (incl. men's full-fashioned)</b>	<b>112,820</b>	<b>111,284</b>	<b>104,840</b>	<b>101,100</b>	<b>117,060</b>	<b>110,669</b>
Women's seamless	15,192	13,043	9,462	7,420	9,832	11,246
Men's full-fashioned	102	62	90	118	171	129
Men's seamless half-hose	28,040	26,785	26,204	25,030	26,734	24,682
Silk	92	36	1		60	19
Nylon	118	1		6	230	450
Rayon	14,354	10,752	9,124	8,180	8,566	8,634
Cotton	19,889	18,755	15,914	14,875	12,182	12,186
Wool	3,588	7,222	11,165	11,909	4,687	3,401
Men's slack socks	14,392	15,734	12,608	13,564	21,885	21,911
Silk	(3)	(3)	(3)	(3)	40	49
Nylon	(3)	(3)	(3)	(3)	140	648
Rayon	(3)	(3)	(3)	(3)	8,491	8,143
Cotton	(3)	(3)	(3)	(3)	12,007	11,657
Wool	(3)	(3)	(3)	(3)	3,206	1,414
Cotton bundle goods	5,808	5,693	5,902	5,248	5,216	5,627
Woolen bundle goods	2,482	3,083	3,267	3,704	2,104	1,830
Athletic socks	1,057	1,164	1,192	847	2,302	1,610
Crew socks	(3)	(3)	(3)	(3)	2,528	3,239
Children's and infants <sup>1</sup>	6,117	4,546	5,224	6,281	8,150	8,221
Anklelets, total	29,636	31,202	30,882	29,888	37,138	32,195
Misses' and women's	20,365	22,615	20,637	18,816	25,012	16,680
Men's and boys'	1,498	1,797	1,952	1,985	3,015	3,673
Children's	(3)	(3)	(3)	(3)	(3)	5,809
Infants'	7,772	6,790	8,294	8,085	9,111	6,032

<sup>1</sup> Less than 500 dozens.<sup>2</sup> Not available.<sup>3</sup> Included with men's slack socks.

Source: National Association of Hosiery Manufacturers, New York, New York; published annually in Hosiery Statistics.

## No. 953.—SHOES AND SLIPPERS (OTHER THAN RUBBER)—PRODUCTION BY CLASS: 1914 TO 1947

[In thousands of pairs. Data for 1925 and subsequent years compiled from monthly reports of manufacturers representing almost entire production in U. S. 1947 data preliminary]

CLASS	1914	1919	1925	1930	1935	1940	1945	1946	1947
<b>Total</b>	<b>222,644</b>	<b>331,325</b>	<b>323,653</b>	<b>394,170</b>	<b>383,761</b>	<b>494,151</b>	<b>484,226</b>	<b>529,942</b>	<b>466,044</b>
<b>Leather uppers:</b>									
Men's <sup>1</sup>	96,031	95,017	86,546	77,147	99,525	102,283	107,742	106,044	106,253
Youths' and boys'	22,896	26,504	21,021	18,530	17,847	15,276	14,237	20,515	18,509
Women's	80,916	104,813	104,782	112,629	145,231	151,944	120,150	181,351	191,556
Misses'	48,322	46,638	38,091	32,037	37,276	40,750	21,836	26,809	27,655
Children's							20,172	25,143	26,456
Infants'	15,477	16,009	34,687	18,568	21,167	21,750	30,348	34,751	32,742
Athletic <sup>2</sup>	(3)	588	5,914	1,728	1,961	4,454	2,808	5,954	4,282
Part-leather	(3)	(3)	(3)	(3)	2,891	9,482	5,509	15,597	6,802
Non-leather <sup>3</sup>	(3)	11,056	8,584	2,593	3,671	6,395	91,867	45,901	13,117
Slippers <sup>4</sup>	(3)	(3)	23,859	24,994	42,055	46,387	68,008	63,327	38,434
All other footwear	27,024	28,042	9,549	5,954	12,138	5,331	3,459	2,610	2,239

<sup>1</sup> Figures beginning with 1930 not strictly comparable with earlier years owing to fact that large quantities of heavy footwear now included with men's shoes were included with "Athletic" prior to 1927. Men's shoes include Government shoes beginning with 1941.<sup>2</sup> Not reported separately, included with "all other."<sup>3</sup> Not reported separately, included with various classes of boots and shoes.<sup>4</sup> Includes footwear with fabric uppers and rubber soles made on conventional shoe machinery.<sup>5</sup> Includes slippers and moccasins (all leather and part leather, felt, etc.) for house wear.

Source: Department of Commerce, Bureau of the Census; published in Facts for Industry Series M63A.

## No. 954.—PRINTING AND PUBLISHING—RECEIPTS AND CIRCULATION: 1929 TO 1939

CLASS	VALUE (THOUSANDS OF DOLLARS)		
	1929	1937	1939
Aggregate value and receipts <sup>1</sup>	2, 676, 262	2, 173, 052	2, 149, 693
Newspapers and periodicals, printed and published or published only	1, 680, 565	1, 269, 824	1, 254, 713
Newspapers	1, 073, 119	881, 689	845, 667
Subscriptions and sales	276, 781	287, 506	306, 192
Advertising	797, 338	574, 180	539, 495
Periodicals	607, 445	407, 836	409, 027
Subscriptions and sales	184, 545	171, 961	184, 573
Advertising	322, 900	235, 874	224, 455
Books <sup>1</sup>	243, 867	230, 789	239, 987
Printed and published or published only	165, 870	159, 868	149, 380
Printed for publication by others <sup>2</sup>	57, 998	70, 871	90, 607
Pamphlets, printed and published or published only	13, 145	8, 389	15, 000
Maps, atlases and globe covers <sup>1</sup>	( <sup>3</sup> )	8, 283	8, 262
Printed and published or published only	( <sup>3</sup> )	6, 495	4, 964
Made for others <sup>1</sup>	( <sup>3</sup> )	1, 788	3, 298
Greeting cards	( <sup>3</sup> )	32, 637	44, 296
Printed and published or published only	( <sup>3</sup> )	( <sup>3</sup> )	26, 314
Printed for others <sup>1</sup>	( <sup>3</sup> )	( <sup>3</sup> )	15, 972
Souvenir cards	( <sup>3</sup> )	( <sup>3</sup> )	1, 412
Newspapers and periodicals printed for others <sup>1</sup>	71, 521	81, 772	87, 452
Labels, tags, and seals <sup>4</sup>	7, 384	51, 874	53, 083
Other commercial printing	759, 781	467, 399	442, 619
Manifolding done in printing establishments	( <sup>3</sup> )	2, 446	2, 196

CLASS	AGGREGATE CIRCULATION PER ISSUE (AVERAGE FOR THE YEAR)					
	1929	1931	1933	1935	1937	1939
Newspapers:						
Daily:						
Morning	15, 741, 769	15, 480, 287	14, 781, 657	15, 983, 996	17, 311, 078	17, 152, 298
Evening	26, 273, 692	25, 813, 372	22, 848, 688	24, 886, 550	26, 033, 856	25, 813, 637
Sunday	29, 011, 648	27, 453, 465	25, 453, 894	29, 196, 006	32, 713, 296	33, 006, 873
Triweekly	287, 152	184, 380	140, 497	120, 601	231, 363	219, 121
Semiweekly	1, 580, 221	1, 352, 720	1, 025, 667	1, 723, 630	1, 719, 820	1, 989, 744
Weekly	18, 883, 551	16, 173, 234	12, 048, 317	15, 185, 366	17, 280, 781	18, 294, 604
Periodicals:						
Daily	932, 363	830, 992	793, 936	681, 097	790, 728	1, 979, 417
Triweekly	24, 625	31, 314	25, 206	22, 327	32, 979	27, 152
Semiweekly	1, 401, 963	1, 284, 406	1, 810, 522	2, 129, 010	2, 556, 002	2, 994, 810
Weekly	34, 494, 799	30, 781, 548	39, 365, 192	42, 648, 210	56, 115, 124	55, 825, 296
Semimonthly	9, 168, 458	6, 375, 456	4, 362, 507	5, 507, 919	7, 547, 644	8, 135, 260
Monthly	133, 048, 488	123, 670, 528	103, 192, 794	102, 193, 740	124, 520, 846	134, 766, 467
Quarterly	20, 605, 002	19, 575, 617	23, 237, 557	23, 277, 089	25, 808, 324	26, 238, 181
Other classes	2, 345, 897	1, 977, 550	1, 741, 779	2, 160, 680	6, 903, 152	9, 726, 925

<sup>1</sup> The inclusion of "Books and pamphlets printed for publication by others," "Maps, atlases and globe covers made for others," "Greeting cards printed for others," "Newspapers and periodicals printed for publication by others," etc. results in duplication in the aggregate value and receipts, as follows: 1937, \$158,466,000; 1939, \$201,627,000. (No separate data available for greeting cards for 1937.) These amounts represent receipts by commercial printers for work done by them for other printers or for publishers, and consequently enter twice into the aggregate value and receipts.

<sup>2</sup> Includes "Pamphlets printed for publication by others."

<sup>3</sup> No data.

<sup>4</sup> Included with "Other commercial printing."

<sup>5</sup> Included with "Greeting cards."

<sup>6</sup> In addition, labels, tags, and seals were produced by methods other than letterpress, as follows: 1937, \$25,083,000; 1939, \$29,944,000. 1929 figures are not available.

Source: Department of Commerce, Bureau of the Census, reports of Biennial Census of Manufactures.



## No. 955.—CHEMICALS—PRODUCTION, BY KIND, 1939 TO 1947

[Data for chemicals shown are restricted to a selected group comprised for the most part of inorganic chemicals and related products which are sufficiently important economically to justify publication. Data for production by Government-owned arsenals, ordnance works, and certain plants operated for Government by private industry are excluded, except that data for chemicals manufactured by Tennessee Valley Authority are included]

CHEMICAL AND BASIS	Unit	1939	1943	1945	1946	1947
Ammonia, synthetic anhydrous.....	Short tons..	310,822	<sup>1</sup> 543,390	<sup>1</sup> 548,655	<sup>1</sup> 725,537	<sup>1</sup> 10,913,873
Ammonium nitrate, original solution (100%NH <sub>4</sub> NO <sub>3</sub> ).....	do.....	( <sup>2</sup> )	383,358	421,487	724,899	1,047,792
Ammonium sulfate, synthetic (technical) <sup>4</sup> ..	M pounds..	( <sup>3</sup> )	( <sup>4</sup> )	177,726	313,306	394,053
Calcium arsenate (100%Ca <sub>3</sub> (AsO <sub>4</sub> ) <sub>2</sub> ).....	do.....	<sup>5</sup> 41,349	74,854	( <sup>6</sup> )	35,392	47,186
Calcium carbide (commercial).....	Short tons..	( <sup>3</sup> )	659,021	672,568	570,138	608,337
Calcium phosphate:						
Monobasic (100%CaH <sub>4</sub> (PO <sub>4</sub> ) <sub>2</sub> ).....	M pounds..	74,076	70,293	62,726	74,986	71,736
Dibasic (100%CaHPO <sub>4</sub> ).....	do.....	( <sup>3</sup> )	36,949	58,931	71,587	77,536
Carbon, activated <sup>7</sup> .....	do.....	32,336	<sup>8</sup> 59,249	62,577	65,102	71,097
Carbon dioxide:						
Liquid and gas.....	do.....	( <sup>3</sup> )	206,426	236,084	217,241	243,879
Solid (dry ice).....	do.....	356,894	563,812	659,169	644,699	723,166
Chlorine, gas.....	Short tons..	514,401	1,214,416	1,192,081	1,165,126	<sup>9</sup> 1,395,013
Chrome green (C. P.).....	M pounds..	10,029	<sup>10</sup> 8,351	9,068	17,871	14,161
Chrome yellow and orange (C. P.).....	do.....	<sup>11</sup> 38,933	38,338	<sup>12</sup> 44,080	43,122	49,044
Hydrochloric acid (100%HCl).....	Short tons..	123,831	342,475	407,551	341,580	<sup>13</sup> 424,384
Hydrofluoric acid, anhydrous and technical (100%H <sub>2</sub> F <sub>2</sub> ).....	M pounds..	14,842	45,438	86,377	42,921	55,181
Hydrogen.....	Mil. cu. ft...	( <sup>3</sup> )	22,975	22,247	17,605	<sup>14</sup> 21,853
Lead arsenate (acid and basic).....	M pounds..	59,569	73,955	70,522	56,667	30,186
Methanol (natural) (100%CH <sub>3</sub> OH).....	M gallons..	4,006	3,881	2,814	2,306	2,525
Molybdate chrome orange (C. P.).....	M pounds..	( <sup>3</sup> )	1,752	2,280	4,896	4,458
Nitric acid (100%HNO <sub>3</sub> ).....	Short tons..	167,740	483,197	447,088	573,827	<sup>15</sup> 796,772
Oxygen.....	Mil. cu. ft...	( <sup>3</sup> )	16,530	13,943	10,868	13,792
Phosphoric acid:						
Total (50%H <sub>3</sub> PO <sub>4</sub> ).....	Short tons..	( <sup>3</sup> )	636,847	730,943	894,615	1,038,414
From phosphorus (50%H <sub>3</sub> PO <sub>4</sub> ).....	do.....	( <sup>3</sup> )	285,527	364,850	440,056	555,176
From phosphate rock (50%H <sub>3</sub> PO <sub>4</sub> ).....	do.....	( <sup>3</sup> )	351,320	366,093	454,559	483,238
Silica gel, desiccant and aviation gas catalyst grades.....	M pounds..	-----	47,091	133,973	49,682	-----
Silver nitrate (100%AgNO <sub>3</sub> ).....	M ounces..	( <sup>3</sup> )	47,351	57,812	47,857	40,231
Soda ash (commercial sodium carbonate):						
Ammonia soda process—						
Total wet and dry (98–100%Na <sub>2</sub> CO <sub>3</sub> ) <sup>11</sup> ..	Short tons..	2,826,000	4,407,600	4,375,017	4,284,231	4,519,144
Finished light (98–100%Na <sub>2</sub> CO <sub>3</sub> ) <sup>12</sup> ..	do.....	-----	2,305,776	2,285,532	2,079,959	3,835,847
Finished dense (98–100%Na <sub>2</sub> CO <sub>3</sub> ).....	do.....	-----	1,387,952	1,444,022	1,546,746	1,641,452
Natural (Na <sub>2</sub> CO <sub>3</sub> equivalent) <sup>13</sup> .....	do.....	121,858	163,523	181,783	209,411	281,132
Sodium bicarbonate (refined) (100%NaHCO <sub>3</sub> ).....	do.....	<sup>16</sup> 150,913	172,908	174,949	188,945	181,145
Sodium bichromate and chromate.....	do.....	58,164	81,963	80,672	85,490	87,874
Sodium hydroxide (caustic soda): <sup>14</sup>						
Electrolytic process—						
Liquid (100%NaOH).....	do.....	512,492	1,115,200	1,129,312	1,129,956	<sup>17</sup> 1,332,993
Solid (100%NaOH).....	do.....	-----	228,749	213,449	192,952	238,683
Lime-soda process—						
Liquid (100%NaOH).....	do.....	532,914	663,492	734,993	742,932	747,247
Solid (100%NaOH).....	do.....	-----	241,624	244,015	226,349	244,992
Sodium phosphate:						
Monobasic (100%NaH <sub>2</sub> PO <sub>4</sub> ).....	do.....	( <sup>3</sup> )	10,885	14,783	11,961	14,214
Dibasic (100%Na <sub>2</sub> HPO <sub>4</sub> ).....	do.....	32,382	45,899	62,673	59,328	83,340
Tribasic (100%Na <sub>3</sub> PO <sub>4</sub> ).....	do.....	116,731	72,632	88,731	94,963	89,055
Meta (100%NaPO <sub>3</sub> ).....	do.....	( <sup>3</sup> )	18,019	27,925	26,068	30,662
Tetra (100%Na <sub>4</sub> P <sub>3</sub> O <sub>7</sub> ).....	do.....	48,691	36,037	43,447	52,149	56,170
Sodium silicate (soluble silicate glass, liquid and solid) (anhydrous).....	do.....	( <sup>3</sup> )	361,863	410,686	412,357	<sup>18</sup> 474,589
Sodium sulfate:						
Anhydrous (refined) (100%Na <sub>2</sub> SO <sub>4</sub> ).....	do.....	( <sup>3</sup> )	76,608	91,340	122,573	135,068
Glauber's salt (100%Na <sub>2</sub> SO <sub>4</sub> ·10H <sub>2</sub> O) <sup>19</sup> ..	do.....	( <sup>3</sup> )	212,067	200,782	167,153	197,963
Salt cake (crude) (commercial) <sup>18</sup> .....	do.....	( <sup>3</sup> )	564,941	543,371	527,746	627,331

For footnotes, see next page.

## No. 955.—CHEMICALS—PRODUCTION, BY KIND, 1939 TO 1947—Continued

CHEMICAL AND BASIS	Unit	1939	1943	1946	1946	1947
<b>Sulfuric acid:</b>						
Gross (100% H <sub>2</sub> SO <sub>4</sub> ) <sup>11</sup>	Short tons	4,795,003	8,442,145	9,522,136	9,319,552	10,555,510
Chamber process (100% H <sub>2</sub> SO <sub>4</sub> )	do	2,120,963	3,147,890	3,166,197	3,099,016	3,284,997
Contact process (gross) (100% H <sub>2</sub> SO <sub>4</sub> ) <sup>12</sup>	do	2,674,040	5,294,555	6,355,939	6,220,536	7,270,513
Contact process (new) (100% H <sub>2</sub> SO <sub>4</sub> ) <sup>12</sup>	do		4,703,193	5,517,873	5,676,232	6,654,170
Fortified spent acid (100% H <sub>2</sub> SO <sub>4</sub> )	do		591,362	835,066	544,404	616,343
Zinc yellow (zinc chromate) (C. P.)	do		12,068	12,326		3,376

<sup>1</sup> Includes data for small amount of aqua ammonia reported by one company.

<sup>2</sup> Preliminary.

<sup>3</sup> No comparable data.

<sup>4</sup> Excludes by-product coke-oven production.

<sup>5</sup> Not shown separately to avoid disclosure of individual operations.

<sup>6</sup> Proportion of estimate, 5 percent.

<sup>7</sup> Includes data for deodorizing, decolorizing, and water purification grades. Data for gas-mask solvent recovery grades excluded.

<sup>8</sup> Proportion of estimate, 3 percent or less.

<sup>9</sup> Includes data for molybdate chrome orange.

<sup>10</sup> About 1 percent of production represents data for pulp colors, and flushed and reduced chrome yellow.

<sup>11</sup> Includes quantities diverted to manufacture of caustic soda and sodium bicarbonate and quantities processed to finished light and finished dense soda ash.

<sup>12</sup> Excludes quantities converted to finished dense soda ash.

<sup>13</sup> Collected in cooperation with Bureau of Mines.

<sup>14</sup> Liquid production figures represent total production for each process, including quantities later evaporated to solid caustic and reported as such.

<sup>15</sup> Includes sulfuric acid of oleum grades.

Source: Department of Commerce, Bureau of the Census; 1939 from Biennial Census of Manufactures; 1943-47 compiled from manufacturers' reports and published in Facts for Industry Series M19A. Monthly data published currently.

## No. 956.—SYNTHETIC ORGANIC CHEMICALS—PRODUCTION AND SALES, BY GROUP: 1945 AND 1946

GROUP	1945			1946 <sup>1</sup>		
	Production (1,000 lb.)	Production (1,000 lb.)	Sales value (\$1,000)	Production (1,000 lb.)	Production (1,000 lb.)	Sales value (\$1,000)
<b>ORGANIC CHEMICALS, CYCLIC</b>						
Intermediates	2,326,921	1,366,625	143,042	2,547,465	1,417,509	159,570
Finished products	2,695,993	2,479,744	774,428	2,803,117	2,678,324	894,635
Dyes	145,218	138,248	103,489	186,807	184,856	120,269
Color index	109,407	102,565	60,002	152,244	150,896	78,691
Prototypes	21,076	21,328	27,138	19,090	18,669	24,356
Ungrouped	14,730	14,355	16,349	15,043	15,286	17,240
Color lakes and toners	23,177	21,756	17,310	32,316	30,623	26,464
Medicinals	30,107	35,306	143,218	36,099	35,356	201,077
Flavor and perfume materials	12,719	11,025	14,764	10,961	10,102	15,735
Plastic materials	413,406	365,141	95,327	548,915	498,687	127,290
Rubber processing chemicals	80,080	66,485	28,768	80,129	72,900	29,604
Elastomers (synthetic rubbers)	1,620,063	1,500,067	278,577	1,379,411	1,548,275	268,473
Miscellaneous <sup>2</sup>	362,229	318,696	91,955	328,969	298,127	83,702
<b>ORGANIC CHEMICALS, ACYCLIC</b>						
Intermediates and finished products	9,582,124	5,863,794	935,901	9,263,665	5,436,302	861,643
Medicinals	4,978	4,719	17,754	4,607	5,016	17,022
Flavor and perfume materials	5,398	5,066	5,442	6,042	5,891	7,023
Plastic materials	404,614	377,299	172,723	446,362	435,624	207,995
Rubber-processing chemicals	20,963	21,756	15,242	15,433	14,485	10,801
Elastomers (synthetic rubbers)	284,034	284,039	81,402	328,373	334,818	63,481
Miscellaneous <sup>2</sup>	8,963,137	4,960,916	643,339	8,403,042	4,634,568	524,741

<sup>1</sup> Preliminary.

<sup>2</sup> Includes plasticizers and surface-active agents.

Source: United States Tariff Commission; annual report, Synthetic Organic Chemicals, United States Production and Sales.

## No. 957.—INDUSTRIAL EXPLOSIVES MANUFACTURED AND SOLD IN THE UNITED STATES: 1923 TO 1946

(In thousands of pounds. Excludes exports)

YEAR	Total	Per- mis- sible explo- sives <sup>1</sup>	High explo- sives other than permis- sible	BLACK BLAST- ING POWDER		USE	Total	Per- mis- sible explo- sives <sup>1</sup>	High explo- sives other than permis- sible	Black blast- ing pow- der
				Gran- ular	Pellet					
1923	529,728	60,371	267,406	201,951		1945	457,311	97,407	322,906	36,946
1924	495,533	55,134	273,323	467,076		Coal mining	223,440	96,648	91,551	35,041
1925	501,752	58,353	290,435	156,964	(?)	Metal mining	89,328	15	89,292	21
1926	535,890	67,686	310,518	157,687	(?)	Quarrying and nonmetal- lic mineral mining	74,866	447	73,021	1,388
1927	499,011	63,847	303,468	131,698	(?)	Railway and other con- struction work	55,998	78	55,641	379
1928	475,251	60,708	292,785	98,004	23,754	All other purposes	13,678	19	13,441	218
1929	509,708	62,669	326,993	86,818	33,227	1946	536,315	100,258	399,233	36,824
1930	445,090	53,826	281,391	63,139	36,735	Coal mining	240,116	99,455	108,076	32,683
1931	337,505	41,578	216,167	46,300	33,530	Metal mining	82,239	20	82,173	46
1932	233,887	32,223	137,906	35,793	27,981	Quarrying and nonmetal- lic mineral mining	103,920	669	101,459	1,773
1933	255,987	33,927	157,849	33,887	30,323	Railway and other con- struction works	86,309	56	86,873	1,689
1934	314,768	39,208	206,625	37,193	31,742	All other purposes	21,661	38	21,152	491
1935	308,381	39,170	200,324	34,223	34,603					
1936	391,606	47,859	262,047	40,420	41,278					
1937	404,744	49,579	288,924	29,837	36,404					
1938	332,130	41,869	238,576	23,552	28,143					
1939	386,438	49,950	278,250	28,322	29,915					
1940	423,368	58,438	305,180	29,664	30,670					
1941	481,927	70,612	351,857	27,882	31,576					
1942	499,255	84,022	359,699	24,167	31,367					
1943	477,681	92,656	338,573	19,814	26,608					
1944	464,111	102,538	318,613	16,282	26,677					
1945	457,311	97,407	322,956	12,303	24,644					
1946	536,315	100,258	399,233	13,539	23,285					

<sup>1</sup> Represents type of high explosives approved by Bureau of Mines as suitable for use in coal mines provided specifications of use are followed.<sup>2</sup> Pellet powder (first manufactured for general sale in 1925) included with granular powder.

Source: Department of the Interior, Bureau of Mines; Production of Explosives in the United States.

## No. 958.—ASPHALT AND TAR ROOFING AND SIDING PRODUCTS—SHIPMENTS: 1928 TO 1947

PRODUCT AND UNIT OF MEASURE	1928	1929	1930	1942	1943	1944	1945	1946	1947 <sup>1</sup>
Asphalt roofing, total 1,000 squares	34,540	24,737	34,610	54,211	51,348	48,889	49,157	54,744	54,995
Smooth-surfaced.....do	16,075	13,638	15,027	21,632	19,236	16,826	15,832	19,421	21,549
Mineral-surfaced.....do	9,606	5,685	8,799	16,511	16,688	14,237	13,532	12,717	15,803
Strip shingles.....do	9,002	4,223	9,054	13,908	13,014	15,426	16,924	24,505	26,321
Individual shingles.....do	1,865	991	1,730	2,160	2,411	2,790	2,899	3,221	4,152
Asphalt sidings, total.....do	(?)	(?)	590	1,139	2,328	4,148	4,264	4,964	4,399
Roll form.....do	(?)	(?)	(?)	905	2,140	3,862	4,861	4,599	4,017
Shingle form.....do	(?)	(?)	(?)	234	198	286	403	355	382
Mineral-surfaced insulating board base siding.....1,000 squares	(?)	(?)	(?)	720	1,012	1,725	1,885	2,444	3,213
Asphalt board products 1,000 sq. ft.	(?)	(?)	(?)	(?)	(?)	73,929	77,094	70,082	48,913
Estimated felt, total tons of 2,000 lb.	(?)	(?)	(?)	(?)	(?)	312,896	327,266	296,967	396,273
Asphalt.....do	(?)	(?)	(?)	(?)	(?)	254,002	273,179	222,978	300,907
Tar.....do	(?)	(?)	(?)	(?)	(?)	48,798	54,087	72,109	89,366
Saturated and coated sheetings, total.....tons of 2,000 lb.	(?)	(?)	(?)	(?)	(?)	16,581	14,221	15,699	21,944
Asphalt.....do	(?)	(?)	(?)	(?)	(?)	8,476	11,681	(?)	(?)
Tar.....do	(?)	(?)	(?)	(?)	(?)	2,085	2,340	(?)	(?)

<sup>1</sup> Preliminary.<sup>2</sup> Not available.<sup>3</sup> Represents brick and all other types of siding.<sup>4</sup> Not shown separately, to avoid disclosing operations of individual companies.

Source: Department of Commerce, Bureau of the Census; Facts for Industry Series M26D.

### No. 959.—RUBBER (NATURAL, RECLAIMED, AND SYNTHETIC)—NEW SUPPLY, DISTRIBUTION, AND STOCKS: 1940 TO 1947

(In tons of 2,240 pounds. Natural rubber refers to dry weights of all types, including liquid latex, guayule, etc. Synthetic includes GR-S, Neoprene, Butyl, and Butadiene-Acrylonitrile; reclaimed includes natural rubber reclaims for 1940-43 and both natural and synthetic rubber reclaims for 1944-47)

ITEM	1940	1941 <sup>1</sup>	1942	1943	1944	1945	1946	1947
New supply, total	1,030,535	1,311,761	591,094	591,109	1,142,138	1,209,761	1,444,634	1,489,544
Domestic production, total	211,911	282,595	307,548	538,072	1,023,367	1,064,318	1,035,859	990,497
Natural				359	130	536	12	
Reclaimed	208,971	274,202	285,114	303,991	260,607	243,309	295,612	291,395
Synthetic	2,940	8,393	22,434	231,722	762,630	820,373	740,026	808,702
Imports, total	818,624	1,029,176	283,546	55,037	118,771	145,843	408,384	689,447
Natural	818,624	1,029,176	282,653	54,970	107,704	135,130	400,675	688,354
Reclaimed	( <sup>2</sup> )		893	67	24	( <sup>2</sup> )		
Synthetic					11,043	10,407	7,709	1,093
Distribution, total	1,869,661	1,052,299	691,942	834,348	1,087,597	1,143,979	1,406,425	1,440,764
Domestic consumption, total	1,841,848	1,032,490	649,282	779,807	961,868	1,040,045	1,314,706	1,416,732
Natural	848,809	775,000	376,791	317,634	144,113	105,429	277,597	562,661
Reclaimed	190,244	251,231	254,820	291,082	251,083	241,036	275,410	298,305
Synthetic	2,904	6,259	17,651	170,891	566,670	693,580	761,699	559,666
Exports, total	18,408	19,799	42,660	54,641	128,731	103,934	91,719	30,642
Natural	7,090	5,376	10,856	20,815	9,685	6,743	4,338	4,101
Reclaimed	11,343	13,851	30,405	15,678	11,800	13,413	14,461	14,556
Synthetic <sup>3</sup>	( <sup>4</sup> )	572	1,419	18,148	104,266	83,778	72,920	11,985
Stocks, end of year, total <sup>5</sup>	1,321,594	571,160	469,858	233,080	287,514	350,324	387,703	227,847
Natural	268,864	527,708	422,714	139,594	93,650	118,715	237,467	129,038
Reclaimed	32,630	41,780	42,532	46,201	43,832	28,155	33,666	35,943
Synthetic <sup>3</sup>	100	1,702	4,612	47,295	150,032	203,454	116,570	62,366

<sup>1</sup> Data for synthetic estimated.

<sup>2</sup> Less than 0.5 long tons.

<sup>3</sup> Allocations for export, 1941 and 1942, actual exports begin with 1943.

<sup>4</sup> Not available but believed to be negligible.

<sup>5</sup> Differences between "new supply" and "distribution" not precisely comparable with "stocks" due to year-end and inventory adjustments.

<sup>6</sup> After allowance for fire loss of Government rubber, Oct. 11, 1941.

<sup>7</sup> Includes stocks shipped for export which had not yet cleared port.

\* Source 1940, natural and reclaimed, Department of Commerce; synthetic, Tariff Commission, 1941-46, Office of Temporary Controls, Civilian Production Administration, and predecessor agencies. Published in Facts for Industry Series 26-1 1947, Department of Commerce, Bureau of Foreign and Domestic Commerce. Monthly data published in Survey of Current Business.

### No. 960.—RUBBER TIRES AND TUBES—PRODUCTION, BY TYPE: 1943 TO 1947

TYPE	1943	1944	1945	1946	1947
TIRES (UNITS)					
Airplane	1,082,789	1,414,822	820,586	258,739	167,431
Truck and bus	12,923,444	14,624,328	16,354,445	16,837,039	17,757,961
Tractor-implement	914,136	2,105,032	2,693,317	4,811,814	5,081,724
Industrial pneumatic	217,641	599,853	686,070	1,110,168	1,489,947
Industrial solid	( <sup>1</sup> )	<sup>2</sup> 2,866,315	2,572,324	1,494,069	<sup>3</sup> 1,240,737
Passenger	7,810,801	18,899,022	28,292,112	(66,508,256	77,790,410
Motorcycle				226,185	200,597
Bicycle	4,281,871	4,277,674	5,054,477	9,061,296	9,316,107
TUBES (UNITS)					
Airplane	956,129	1,231,113	525,101	237,962	119,188
Truck and bus	12,362,747	12,464,926	16,053,134	14,858,778	14,254,002
Tractor-implement	699,409	1,816,518	2,673,414	4,360,864	4,481,374
Industrial	231,705	516,992	629,226	1,108,183	1,472,063
Passenger	2,925,739	14,980,644	25,510,530	(62,392,262	65,378,102
Motorcycle				203,526	196,159
Bicycle	3,844,554	4,841,385	5,741,118	9,757,194	10,703,614
Camelback (tons of 2,240 lbs.) <sup>4</sup>	<sup>4</sup> 105,676	167,936	183,678	76,247	40,986

<sup>1</sup> Not available.

<sup>2</sup> Incomplete; cured-on type reported for May-Dec. only.

<sup>3</sup> Represents all solid tires.

<sup>4</sup> Rubber compound for retreading worn tires. <sup>5</sup> Reported by Rubber Mfrs. Assn. Inc. as shipments.

Source: 1943-46, Office of Temporary Controls, Civilian Production Administration, and predecessor agencies; published in Facts for Industry Series 26-2. 1947, Rubber Mfrs. Assn. Inc., data raised to 100 percent by Dept. of Commerce, Bureau of Foreign and Domestic Commerce. Monthly data published in Survey of Current Business.

**No. 961.—LEATHER—PRODUCTION, BY PRINCIPAL TYPES OF RAW STOCK:  
1936 TO 1947**

[Cattle hide in thousands of hides, other figures in thousands of skins]

YEAR	Cattle hide	Calf and kip	Goat and kid	Sheep and lamb <sup>1</sup>	YEAR	Cattle hide	Calf and kip	Goat and kid	Sheep and lamb <sup>1</sup>
1936.....	22,628	13,137	47,363	37,942	1942.....	30,822	12,264	41,122	53,634
1937.....	22,380	12,027	46,554	34,232	1943.....	25,658	11,112	37,351	50,315
1938.....	19,047	12,991	31,905	28,941	1944.....	26,114	10,930	34,668	53,959
1939.....	22,096	14,027	40,419	39,384	1945.....	27,576	11,636	24,026	51,847
1940.....	21,013	11,387	37,697	37,920	1946.....	37,033	11,666	24,187	47,971
1941.....	28,099	13,095	45,355	51,665	1947.....	28,766	12,475	37,355	36,202

<sup>1</sup> Prior to 1940, includes skivers and excludes fleshers, beginning 1940, includes fleshers and excludes skivers.

Source: Tanners' Council of America. Monthly figures published in Survey of Current Business.

**No. 962.—LEATHER—PRODUCTION, BY KIND: 1937 AND 1939**

PRODUCT	Unit	1937	1939		1937	1939
		Quantity (thou- sands of unit specified)	Pro- duced in regular factories— quantity (thou- sands of unit specified)	Pro- duced in contract factories on com- mission— quantity (thou- sands of unit specified)	Value (thou- sands of dollars)	Pro- duced in regular fac- tories— value (thou- sands of dollars)
<b>Total value</b> .....					<b>372,458</b>	<b>322,359</b>
<b>Sole and belting leather:</b>						
Oak, union, chrome, and combination sole.....	Pound.....	261,086	201,021	40,317	84,074	60,049
Horse—sole.....	Square feet.....	3,042	3,980		825	938
Belting butts—curried.....	Pound.....	9,236	6,167		6,365	3,661
Offal.....	do.....	94,438	88,687	176	18,948	16,314
<b>Harness leather:</b>						
Union black.....	do.....	5,855	1,235		1,816	387
Oak black and russet.....	do.....	8,642	6,332		2,675	1,890
<b>Bag, case, and strap leather—finished grains.</b>	Square feet.....	21,522	21,245		5,316	4,886
Collar, skirting, lace and latigo leather.....	do.....	( <sup>1</sup> )	9,414		2,805	2,334
Welting leather—cattle.....	Pound.....	7,240	7,933		2,296	2,491
<b>Upholstery leather—finished</b>						
Wholehide grains and machine-buffed.....	Square feet.....	20,871	17,791	5,590	5,227	4,036
Splits.....	do.....	13,868	10,193		1,911	1,171
<b>Upper leather</b>						
Cattle, including kip sides.....	do.....	322,567	362,921	7,689	64,806	65,458
Calf and whole kip, except kip sides.....	do.....	119,905	123,140	10,330	35,705	34,482
Goat and kid.....	do.....	173,350	141,410	12,419	39,133	26,515
Kangaroo and wallaby.....	do.....	5,138	5,529		1,634	1,419
Wax and finished splits.....	do.....	57,755	39,330	( <sup>2</sup> )	8,537	3,634
Other upper leather.....					4,152	3,820
<b>Glove and garment leather:</b>						
Cabretta.....	Square feet.....	( <sup>1</sup> )	8,326	13,994	1,054	1,792
Sheep and lamb, except shearlings.....	do.....	91,996	99,515	43,271	10,072	10,317
Shearlings.....	do.....	22,772	18,050	( <sup>2</sup> )	4,678	3,648
Other glove and garment leather.....					6,636	5,857
<b>Fancy and bookbinders leather</b> .....					6,890	5,572
<b>Lining leather</b>						
Sheep and lamb—shoe stock.....	Square feet.....	65,202	60,523	26,716	9,210	5,812
Goat and kid.....	do.....	27,114	44,650	9,624	4,755	5,136
Other lining leather.....	do.....	7,959	12,371	1,664	1,466	1,985
<b>Patent upper leather (cattle, including kip sides)—Japaned.....</b>	do.....	49,874	29,080	22,206	9,326	6,078
<b>Splits, other than wax and finished upper and upholstery.....</b>	do.....	94,899	112,399	25,787	10,230	7,949
<b>Skivers.....</b>	do.....	24,865	22,065	6,396	2,304	2,259
<b>Finishing or currying of tanned leather</b> .....	do.....	( <sup>1</sup> )	19,990	54,559	( <sup>1</sup> )	2,396
<b>Leather, tanned, curried, or finished on a commission basis for leather manufac- turers, dealers, and jobbers.....</b>					( <sup>1</sup> )	13,623
<b>Other leather.....</b>	Square feet.....		28,414	34,617	9,355	5,014
<b>Rough leather:</b>						
Belting butts—rough, for sale as such.....	Pound.....	10,955	6,109		5,829	2,707
Upholstery leather—russet, for sale as such.....	Square feet.....	27,344	28,205	( <sup>2</sup> )	2,923	3,053
Other rough leather.....					1,612	666

<sup>1</sup> Not available.

<sup>2</sup> Figure for "Upholstery leather—finished" includes both rough and finished upholstery leather which cannot be shown separately without disclosing production of individual establishments.

<sup>3</sup> Not shown to avoid disclosing, exactly or approximately, production of individual establishments.

Source: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures.

No. 963.—PRESSED AND BLOWN GLASSWARE—QUANTITY AND VALUE OF SHIPMENTS BY CLASS: 1945 AND 1946

CLASS	Unit of measure	1945		1946	
		Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
Shipments, total value.....			179,451		229,593
Tumblers, goblets, and other stemware .....	Thous. of doz. ....	75,806	34,413	99,974	49,349
Cooking ware <sup>1</sup> .....			20,167		23,297
Ornamental, decorative, novelty glassware, and smokers' accessories, total. <sup>2</sup> .....			10,783		13,061
Lighting glassware, total.....			37,853		43,533
Electric-light bulb blanks, electronic-tube blanks (radio, x-ray, radar, and special tubes), and fluorescent tubes.....			20,355		19,365
Bowls, all types.....			1,406		3,944
Enclosing globes, all types.....			2,166		2,999
Rhodes, reflectors, and torchiers.....			4,049		5,808
Railroad, marine, and traffic lighting glassware.....			1,636		1,516
Lamp chimneys.....	Thous. of doz. ....	1,553	1,344	1,844	1,431
Lantern globes (oil and electric).....	Thous. of doz. ....	668	1,040	707	928
All other lighting glassware.....			5,069		7,590
Technical and scientific glassware, total.....			15,351		17,471
Tubing (excluding fluorescent and industrial tubing).....	Thous. of lbs. ....	11,018	2,292	15,304	2,063
All other technical and scientific glassware (including insulators, laboratory glassware, rods and canes, etc.).....			13,559		14,408
Industrial glassware (including such products as gauge glass, instrument faces, machine parts, industrial tubing, glass knobs, motor covers, pumps, battery jars, etc.).....			7,378		7,775
All other pressed and blown glassware (except glass containers).....			44,302		65,496

<sup>1</sup> Figures for 1945 represent "heat resistant tableware and kitchenware" including mixing bowls.

<sup>2</sup> Includes hand-made blown ornamental tableware, amounting to \$344,000 in 1945.

Source: Department of Commerce, Bureau of the Census, published in Facts for Industry Series M77E.

No. 964.—GLASS CONTAINERS—DIRECT EXPORTS AND DOMESTIC PRODUCTION AND SHIPMENTS, BY KIND: 1945, 1946, AND 1947

[In thousand gross]

ITEM	1945		1946		1947	
	Production	Shipments	Production	Shipments	Production	Shipments
Total.....	105,267	106,318	115,654	116,864	115,344	119,179
Direct exports.....		2,311		2,537		4,480
Domestic production and shipments:						
Narrow-neck, total.....	63,788	62,323	67,694	65,968	74,842	63,626
Food.....		5,887		10,479		10,679
Medicinal and health supplies.....		12,331		13,854		11,423
Chemical, household, and industrial.....	34,900	8,962	39,596	6,939	35,163	5,367
Toiletries and cosmetics.....		6,353		6,986		4,870
Beverage, returnable.....	6,969	6,306	6,950	6,456	11,604	10,377
Beer, returnable.....	6,227	5,940	6,306	6,904	11,378	9,852
Beer, nonreturnable.....	4,596	4,418	658	878	2,375	2,039
Liquor.....	8,683	8,261	10,657	10,413	10,564	9,902
Wine.....	2,421	2,364	4,137	4,017	2,669	2,418
Wide-mouth, total.....	41,479	41,685	48,070	47,612	40,501	27,645
Food.....		28,333		32,629		24,501
Medicinal and health supplies.....		3,156		3,457		3,101
Chemical, household, and industrial.....	34,636	1,338	40,386	1,332	22,361	1,023
Toiletries and cosmetics.....		1,790		1,659		1,373
Dairy products.....	3,558	3,608	3,963	3,897	4,069	2,891
Fruit jars.....	2,063	2,245	2,431	2,418	2,380	2,003
Jelly glasses.....	223	213	222	175	214	171
Packers' tumblers.....	979	1,003	1,068	1,048	1,617	1,803

Source: Department of Commerce, Bureau of the Census; published in Facts for Industry Series M77C.



## No. 965.—REFRACTORIES—PRODUCTION, SHIPMENTS, AND STOCKS, BY KIND: 1946

[Excludes dead-burned magnesia or magnesite to avoid duplication; a large part of such materials shipped during year to refractory products manufacturing plants and later incorporated in refractory products covered (such as magnesite brick and shapes). Total quantity and value of dead-burned magnesia or magnesite reported to Bureau of Census as shipped during 1946 amounted to 252,000 short tons valued at \$7,528,000. Also excludes crude and prepared clays sold for refractory purposes. Preliminary figures of U. S. Bureau of Mines show that 5,268,000 short tons of clay were sold or used by producers in 1946 for refractories. Largest part of this total represents fireclay later incorporated in clay refractories covered in this report.]

PRODUCT	Number of plants	Unit of Measure (quantity)	Production (quantity)	SHIPMENTS		Stocks at end of 1946 (quantity)
				Quantity	Value (\$1,000)	
<b>Clay and nonclay refractories, total</b> .....	<b>265</b>	-----	-----	-----	<b>153, 304</b>	-----
<b>Clay refractories, total</b> .....	<b>207</b>	-----	-----	-----	<b>81, 464</b>	-----
Fireclay brick, standards and special shapes, except superduty.	123	Thous. 9" equiv.....	602, 892	592, 561	41, 806	130, 979
Superduty fireclay brick, standards and special shapes.	23	do.....	53, 738	53, 798	5, 571	12, 702
High alumina brick, standards and special shapes (50% $Al_2O_3$ and over, except fused alumina).	14	do.....	19, 383	19, 177	3, 373	4, 034
Insulating firebrick, standards and special shapes.	13	do.....	25, 564	24, 950	3, 015	3, 206
Ladle brick <sup>1</sup> .....	18	do.....	155, 311	153, 327	5, 609	13, 907
Hot top refractories.....	12	do.....	26, 255	26, 194	2, 060	4, 059
Sleeves, nozzles, runner brick, and tuyeres.	18	do.....	43, 134	44, 060	3, 607	5, 642
Glass-house pots, tank blocks, upper structure, and floaters.	7	Short ton.....	27, 385	26, 016	2, 692	11, 646
High-temperature bonding mortars.....	50	do.....	59, 524	59, 316	3, 562	3, 361
Plastic refractories (including ramming mixes).	47	do.....	84, 331	84, 126	2, 960	3, 225
Cast and castables (hydraulic setting)....	42	do.....	47, 435	46, 858	2, 198	2, 307
Ground crude fire clay and high alumina refractories.	87	do.....	360, 193	359, 893	2, 239	-----
Other clay refractories <sup>2</sup> .....	11	-----	-----	-----	2, 772	-----
<b>Nonclay refractories, total</b> .....	<b>91</b>	-----	-----	-----	<b>71, 840</b>	-----
Silica brick and shapes.....	32	Thous. 9" equiv.....	261, 768	246, 621	19, 378	66, 970
Magnesite and magnesite-chrome brick and shapes.	5	do.....	16, 095	16, 751	6, 441	2, 424
Chrome and chrome-magnesite brick and shapes.	5	do.....	28, 929	28, 755	9, 348	2, 534
Graphite and other carbon crucibles and retorts.	9	Short ton.....	11, 476	11, 545	4, 861	1, 153
Other graphite and carbon refractories....	3	do.....	1, 091	1, 121	411	198
Other nonclay brick and shapes (of such materials as silicon carbide, fused alumina, fused magnesia, mullite, kyanite, sillimanite, zirconia, and forsterite).	23	-----	-----	-----	12, 117	-----
High-temperature bonding mortars.....	18	do.....	18, 516	18, 380	1, 482	749
Plastic refractories (including ramming mixtures).	21	do.....	55, 131	55, 195	3, 155	1, 390
Cast and castables (hydraulic setting)....	7	do.....	2, 380	2, 303	133	100
Dead-burned dolomite <sup>3</sup> .....	18	do.....	-----	1, 077, 983	10, 102	-----
Other nonclay refractories.....	24	do.....	142, 797	143, 517	4, 412	-----

<sup>1</sup> Estimated in part.

<sup>2</sup> Represents principally special shapes such as radiants, backwalls, and other shapes, not reported in terms of 9" equivalent.

<sup>3</sup> Represents dead-burned dolomite sold in 1946 as reported by U. S. Bureau of Mines.

Source: Department of Commerce, Bureau of the Census; Facts for Industry Series M270.

**No. 966.—STRUCTURAL CLAY PRODUCTS—PRODUCTION AND SHIPMENTS, BY KIND:  
1943 TO 1946**

PRODUCT AND UNIT OF MEASURE		1943	1944	1945	1946
<b>Unglazed brick:</b>					
Production	1,000 standard bricks	1,917,963	1,878,897	2,280,442	4,808,788
Shipments: Quantity	do.	2,408,120	2,004,817	2,874,672	4,843,787
Value	1,000 dollars	31,971	28,703	30,191	91,926
<b>Unglazed hollow facing tile:</b>					
Production	1,000 brick equivalent	86,874	81,875	80,009	100,423
Shipments: Quantity	do.	96,519	92,634	96,763	100,986
Value	1,000 dollars	1,956	1,935	2,275	2,711
<b>Glazed hollow facing tile:</b>					
Production	1,000 brick equivalent	51,252	70,634	85,491	174,744
Shipments: Quantity	do.	58,265	80,668	92,551	171,886
Value	1,000 dollars	2,067	3,176	3,856	8,082
<b>Vitrified paving brick:</b>					
Production	1,000 bricks	26,619	14,290	14,504	22,792
Shipments: Quantity	do.	39,259	21,848	22,507	28,376
Value	1,000 dollars	948	653	692	832
<b>Unglazed structural tile:</b>					
Production	short tons	844,940	715,966	733,518	1,272,199
Shipments: Quantity	do.	968,367	800,790	797,954	1,262,661
Value	1,000 dollars	6,710	5,714	6,362	11,490
<b>Vitrified clay sewer pipe:</b>					
Production	short tons	927,690	738,932	697,508	1,090,761
Shipments: Quantity	do.	908,214	781,829	776,517	1,077,884
Value	1,000 dollars	19,047	17,387	18,238	20,266
<b>FLOOR AND WALL TILE AND ACCESSORIES</b>		<b>1939</b>	<b>1944</b>	<b>1945</b>	<b>1946</b>
<b>Glazed—</b>					
Production	1,000 square feet	1,656,672	1,29,195	24,678	42,612
Shipments: Quantity	do.	(1)	1,30,527	24,570	42,391
Value	1,000 dollars	(1)	1,7,678	7,890	15,202
<b>Unglazed (except quarry tile)—</b>					
Production	1,000 square feet	(1)	(1)	8,690	12,802
Shipments: Quantity	do.	(1)	(1)	8,492	12,673
Value	1,000 dollars	(1)	(1)	2,096	3,447
<b>Quarry tile:</b>					
Production	1,000 square feet	(1)	(1)	(1)	5,114
Shipments: Quantity	do.	(1)	(1)	(1)	5,469
Value	1,000 dollars	(1)	(1)	(1)	797
<b>Drain tile:</b>					
Production	short tons	487,119	412,496	435,819	464,718
Shipments: Quantity	do.	(1)	421,947	443,910	464,696
Value	1,000 dollars	(1)	4,422	4,491	5,613
<b>All other clay construction products,<sup>3</sup> value of shipments</b>					
	1,000 dollars	(1)	3,449	4,178	8,337

<sup>1</sup> "Unglazed (except quarry tile)" included with "Glazed."

<sup>2</sup> Not available.

<sup>3</sup> Includes glazed brick, flooring brick, roofing tile, flue lining, chimney pipe, tops and thimbles, terra cotta, wall coping, meter boxes, segment blocks, liner plates, sile and corn-crib tile, and conduits.

Source: Dept. of Commerce, Bureau of Census, published in Facts for Industry Series M26A and M26B.

**No. 967.—CONCRETE BLOCK AND BRICK—PRODUCTION: 1944, 1945, AND 1946  
(in thousands of units)**

YEAR AND QUARTER	Number of masonry plants (block and brick)	CONCRETE BLOCK (8" X 8" X 16"—BLOCK EQUIVALENT)				CONCRETE BRICK (STANDARD BRICK)	
		Number of plants	Production			Number of plants	Production
			Total	Light-weight aggregate	Heavy-weight aggregate		
1944, 3rd quarter	1,220	1,207	76,115	32,118	42,997	117	10,670
1944, 4th quarter	1,203	1,189	70,791	31,022	39,769	104	7,972
1945, total	2,015	1,981	400,367	175,314	225,053	240	62,637
1st quarter	1,155	1,142	55,872	25,427	30,445	114	6,445
2nd quarter	1,310	1,293	85,182	37,070	48,112	121	9,772
3rd quarter	1,550	1,529	112,198	48,968	63,230	125	16,862
4th quarter	1,964	1,933	147,115	63,849	83,266	177	39,528
1946, total	3,789	3,673	940,107	386,289	553,718	500	218,167
1st quarter	2,179	2,151	177,221	74,421	102,800	208	40,483
2nd quarter	2,769	2,734	244,806	97,307	147,509	260	55,098
3rd quarter	3,474	3,387	284,194	115,393	168,801	378	69,269
4th quarter	3,304	3,206	233,886	99,568	134,318	343	53,306

Source: Dept. of Commerce, Bureau of the Census; Facts for Industry Series M26C.

No. 968.—PIG IRON AND FERRO-ALLOYS—PRODUCTION, BY DISPOSITION, KIND, AND FUEL AND MATERIALS USED: 1900 TO 1946

[In thousands of short tons (2,000 lbs.)]

ITEM	1900	1910	1915	1920	1925	1930	1935	1940	1945	1946
Total pig iron and ferro-alloys.....	15,444	30,580	33,506	41,357	41,105	35,562	23,937	47,399	54,919	46,515
By disposition:										
For sale.....	(1)	(1)	9,613	12,011	10,070	7,933	4,505	6,837	9,351	7,646
For maker's use.....	(1)	(1)	23,893	29,346	31,034	27,630	19,433	40,561	46,569	38,869
By kind:										
Basic.....	1,201	10,175	14,664	18,746	22,027	20,601	15,253	33,988	39,867	33,728
Bessemer and low-phosphorus.....	8,936	12,595	11,786	13,510	10,550	8,193	4,747	7,835	8,570	6,099
Foundry (incl. ferro-silicon).....	3,781	5,892	5,425	6,673	6,059	4,436	2,137	2,791	3,067	3,585
Malleable.....	194	944	930	1,468	1,740	1,760	1,350	1,832	2,350	2,190
Forge.....	888	632	354	356	270	57	6	4		
Ferromanganese, spiegeleisen, and all other.....	442	342	347	604	458	517	444	949	1,066	912
By fuel:										
Coke <sup>1</sup> .....	18,135	29,409	33,080	40,656	40,885	35,455	23,854	47,312	54,871	<sup>2</sup> 46,515
Anthracite.....	1,878	727	95	339						
Charcoal.....	431	444	332	362	220	109	84	86	48	(3)
Materials used:										
Iron ore, briquettes, etc.....	27,027	57,948	61,753	74,424	73,304	<sup>4</sup> 60,101	<sup>4</sup> 39,405	<sup>4</sup> 79,672	<sup>4</sup> 91,276	<sup>4</sup> 77,242
Cinder, scale, scrap, etc.....	1,792	3,136	5,021	5,585	5,619	<sup>4</sup> 7,052	<sup>4</sup> 4,768	<sup>4</sup> 7,480	<sup>4</sup> 9,749	<sup>4</sup> 7,576
Coke <sup>1</sup> .....	(1)	(1)	33,329	42,046	39,296	<sup>4</sup> 31,168	<sup>4</sup> 20,272	<sup>4</sup> 40,451	<sup>4</sup> 48,965	<sup>4</sup> 41,823
Limestone.....	8,313	16,271	16,565	19,964	16,973	<sup>4</sup> 12,431	<sup>4</sup> 8,425	<sup>4</sup> 16,678	<sup>4</sup> 20,863	<sup>4</sup> 18,180
Total number furnaces Dec. 31 <sup>5</sup> .....	406	473	445	452	395	300	258	231	241	233
Furnaces in blast Dec. 31 <sup>5</sup> .....	232	206	310	216	238	97	124	206	201	218

1 Not available.  
 2 Includes pig iron and ferro-alloys made in electric furnaces.  
 3 Charcoal included with coke.  
 4 Materials consumed in manufacture of pig iron only.  
 5 Or as of Jan. 1 of following year.

Source: American Iron and Steel Institute, annual report.

No. 969.—PIG IRON AND FERRO-ALLOYS—PRODUCTION BY STATES: 1939 TO 1946

[In thousands of short tons (2,000 pounds)]

STATE	1939	1940	1941	1942	1943	1944	1945	1946
Grand total.....	35,677	47,399	56,687	60,903	62,770	62,866	54,919	46,515
Pig iron, total.....	34,809	46,072	55,101	59,076	60,811	61,007	53,223	44,779
Pennsylvania.....	9,809	14,288	16,895	18,065	18,575	18,510	16,171	13,251
Ohio.....	8,033	9,970	12,787	13,140	13,725	13,371	11,259	9,534
Indiana, Michigan.....	4,787	6,689	7,725	8,114	8,208	8,474	7,436	6,190
Illinois.....	2,969	4,047	5,355	5,850	5,950	5,686	5,045	4,357
Maryland, Virginia, West Virginia, Kentucky, Tennessee, Texas.....	3,117	3,576	3,727	4,391	4,595	4,781	4,327	3,606
Alabama.....	2,936	3,419	3,696	4,062	3,780	3,949	3,582	3,149
Massachusetts, New York.....	2,423	3,113	3,758	4,221	4,178	3,947	3,295	2,780
Minnesota, Iowa, Colorado, Utah, California.....	735	971	1,158	1,212	1,800	2,289	2,109	1,912
Ferro-alloys, total.....	868	1,327	1,586	1,827	1,959	1,859	1,696	1,736
Pennsylvania.....	810	515	620	627	603	637	573	437
New York, New Jersey.....	192	323	494	540	544	478	449	701
Virginia, West Virginia, South Carolina, Alabama, Tennessee.....	128	143	160	306	422	380	322	265
Ohio, Indiana, Illinois, Iowa, Colorado, Washington.....	239	345	311	352	391	363	351	333

Source: American Iron and Steel Institute, annual report.

# No. 970.—PIG IRON AND FERRO-ALLOYS AND STEEL INGOTS AND CASTINGS— PRODUCTION, EXPORTS, AND IMPORTS: 1871 TO 1946

(In short tons (2,000 pounds). Prior to 1901 exports and imports are for years ending June 30 following year specified; calendar years thereafter. Imports are imports for consumption beginning with 1933. All production figures are for calendar years. For figures for earlier years, see Abstract for 1931.)

YEARLY AVERAGE OR YEAR	PIG IRON AND FERRO-ALLOYS			Steel Ingots and cast- ings, pro- duction <sup>1</sup>	YEAR	PIG IRON AND FERRO-ALLOYS			Steel Ingots and cast- ings, pro- duction <sup>1</sup>
	Produce- tion	Exports of do- mestic	Imports			Produce- tion	Exports of do- mestic	Imports	
1871-1875..	2,518,088	8,301	154,102	1,438,575	1930.....	35,862,429	28,385	204,340	45,553,421
1876-1880..	2,870,295	3,816	309,792	899,896	1931.....	20,637,516	17,280	115,965	26,068,961
1881-1885..	4,817,238	5,948	364,325	1,850,540	1932.....	9,835,227	7,771	163,144	15,323,901
1886-1890..	7,928,829	13,896	257,566	3,687,895	1933.....	14,947,074	12,625	219,838	20,020,220
1891-1895..	9,108,976	26,741	61,351	5,296,824	1934.....	18,075,202	15,091	176,273	20,181,924
1896-1900..	12,870,969	251,180	38,425	9,452,731	1935.....	22,637,423	19,840	211,901	28,183,705
1901-1905..	20,428,425	50,521	352,537	17,212,083	1936.....	34,752,690	26,439	264,487	33,490,909
1906-1910..	26,907,689	88,052	308,040	24,826,797	1937.....	41,582,560	916,160	180,625	56,636,945
1911-1915..	30,820,405	226,262	148,681	31,763,886	1938.....	21,460,164	515,604	80,008	31,751,990
1916-1920..	41,451,650	463,931	119,718	46,838,598	1939.....	35,677,097	238,234	129,497	52,798,714
1921-1925..	54,132,119	41,444	405,785	41,138,917	1940.....	47,398,820	685,617	45,503	66,952,096
1926-1930..	42,215,094	58,316	289,030	54,186,963	1941.....	55,686,604	610,729	23,044	82,830,230
1931-1935..	17,486,488	14,621	177,424	27,553,544	1942.....	60,909,304	150,151	31,207	86,031,931
1936-1940..	36,174,206	476,409	144,024	52,334,066	1943.....	62,760,947	231,066	22,905	88,636,512
1927.....	40,953,822	62,607	196,502	50,327,407	1944.....	62,866,198	185,626	32,416	89,641,600
1928.....	42,734,400	108,352	217,992	57,729,482	1945.....	54,919,029	122,819	102,304	79,701,648
1929.....	47,727,661	60,199	250,522	63,205,490	1946.....	46,514,626	134,648	77,463	66,602,724

<sup>1</sup> Beginning 1934, includes only steel castings produced in foundries producing steel ingots.

<sup>2</sup> 1878 only.

Source: Production, American Iron and Steel Institute, annual report. Exports and imports, Dept. of Commerce, Bur. of Foreign and Domestic Commerce through April 1941 and Bur. of Census thereafter; annual report, Foreign Commerce and Navigation of the United States.

# No. 971.—ROLLED AND MISCELLANEOUS STEEL PRODUCTS—PRODUCTION, BY KIND: 1925 TO 1946

(In short tons (2,000 pounds))

KIND	1925	1930	1935	1940	1944	1945	1946
Hot-rolled products, total.....	37,393,396	33,054,568	26,840,298	48,660,369	65,803,979	59,511,669	50,926,772
Plates.....	4,203,865	4,102,362	1,629,987	4,323,408	13,123,423	7,245,888	4,433,747
Sheets.....	4,588,462	3,932,944	5,796,624	11,705,956	10,339,060	12,067,487	11,889,423
Black plate.....	2,192,261	2,120,144	2,307,402	521,924	566	941	1,039
Strip.....	1,398,471	2,174,885	2,965,300	2,077,744	2,593,107	2,542,935	2,465,900
Strip and sheets for cold re- duced black plate and tin plate.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	3,108,627	4,177,965	4,430,924	4,485,832
Hoops.....	229,655	89,426	100,534	97,074	88,596	51,691	47,931
Cotton ties and baling bands.....	398,905	51,737	27,685	44,918	35,392	34,216	35,237
Bars—merchant.....	6,338,433	4,627,810	4,142,944	6,469,263	10,532,250	9,649,412	7,713,360
Bars—concrete.....	917,937	952,169	824,243	1,425,998	628,944	834,806	1,167,038
Structural shapes.....	4,030,626	3,933,970	1,959,709	4,232,346	4,676,481	4,467,164	4,387,664
Sheet piling.....	64,136	116,276	145,929	186,125	128,679	188,639	176,297
Rails.....	3,119,488	2,098,021	796,921	1,678,985	2,490,656	2,417,520	1,965,642
Long splice bars and tie plate bars.....	921,241	579,157	300,471	515,928	862,383	856,638	700,804
Skelp.....	3,617,340	3,003,892	1,514,328	2,709,000	3,049,662	2,894,023	2,534,846
Blanks or pierced billets for seamless tubes.....	( <sup>2</sup> )	1,397,935	1,067,776	2,320,966	3,677,631	3,384,480	2,743,814
Wire rods.....	3,186,015	2,630,432	2,733,689	4,351,848	4,646,268	4,531,157	4,520,280
Rolled forging billets.....	286,179	340,581	380,697	919,826	3,762,575	3,566,697	946,810
Blooms, billets, etc. for export.....	309	10,623	44,759	1,677,905	468,088	176,600	310,100
Rolled steel car wheels.....	( <sup>2</sup> )	( <sup>2</sup> )	63,714	191,102	291,529	291,375	248,571
All other.....	1,794,182	790,206	217,426	116,425	280,064	170,867	162,134
Miscellaneous products: <sup>1</sup>							
Tin plate and terneplate.....	1,856,730	1,882,619	1,996,960	2,738,581	2,647,978	2,827,483	2,709,651
Galvanized sheets.....	1,269,556	1,170,681	1,151,743	1,695,300	1,370,973	1,676,181	1,431,940
Galvanized formed products.....	89,110	73,047	67,245	84,854	95,112	58,717	137,173
Wire (plain).....	( <sup>2</sup> )	( <sup>2</sup> )	2,177,816	3,071,824	3,669,813	3,544,826	3,615,924
Wire nails.....	772,687	478,071	443,596	648,693	614,184	583,048	619,916
Cut nails and spikes.....	36,805	22,996	19,748	24,377	15,584	15,279	22,656
Pipes and tubes (black).....	( <sup>2</sup> )	( <sup>2</sup> )	2,276,544	4,272,684	6,406,423	6,030,243	5,058,468
Forgings made by rolling mills.....	434,414	1,532,976	1,352,360	1,625,101	1,070,298	1,555,746	1,494,808

<sup>1</sup> Not available.

<sup>2</sup> Included in all other.

<sup>3</sup> These are mostly further elaborations of products listed above.

<sup>4</sup> Including forged axles.

Source: American Iron and Steel Institute, annual report.

**No. 972.—STEEL—PRODUCTION OF INGOTS AND STEEL FOR CASTINGS:  
1890 TO 1946**

[In short tons (2,000 pounds)]

YEAR	Total <sup>1</sup>	OPEN HEARTH			Bessemer	Electric	Crucible
		Total	Basic	Acid			
1890.....	4,790,320	574,820	(?)	(?)	4,131,536	(?)	79,716
1900.....	11,410,928	3,805,911	2,850,502	955,409	7,486,942	(?)	112,629
1910.....	29,226,309	18,485,050	17,127,408	1,357,642	10,542,305	58,398	136,979
1915.....	36,009,160	26,520,594	24,965,772	1,534,822	9,281,679	77,741	127,436
1920.....	47,188,886	36,592,522	35,140,810	1,451,712	9,949,057	566,370	80,937
1925.....	50,840,747	42,598,627	41,537,823	1,060,804	7,530,837	689,373	21,910
1930.....	45,583,421	39,255,073	38,380,514	874,559	5,639,714	686,111	2,523
1935.....	38,183,705	34,401,280	34,004,585	396,695	3,175,235	606,471	719
1936.....	53,499,999	48,760,463	48,288,605	471,858	3,873,472	865,150	914
1937.....	56,636,945	51,824,979	51,265,211	559,768	3,863,918	947,002	1,046
1938.....	31,751,990	29,080,016	28,774,999	305,017	2,106,340	565,627	7
1939.....	52,798,714	48,409,800	47,828,700	581,100	3,358,916	1,029,067	931
1940.....	66,982,686	61,573,083	60,882,840	690,243	3,708,573	1,700,006	1,024
1941.....	82,839,259	74,389,619	73,312,851	1,076,768	5,578,071	2,869,256	2,313
1942.....	86,031,931	76,501,957	75,183,065	1,318,892	5,553,424	3,974,540	2,010
1943.....	88,836,512	78,621,804	77,207,870	1,413,934	5,625,492	4,589,070	146
1944.....	89,641,600	80,363,963	79,168,294	1,195,659	5,039,923	4,237,699	25
1945.....	79,701,648	71,939,602	71,069,876	869,726	4,305,318	3,456,704	24
1946.....	66,602,724	60,711,963	60,112,300	599,663	3,327,737	2,563,024	(?)

<sup>1</sup> Includes all other grades not shown separately, as follows: 1890, 4,248 tons; 1900, 5,445; 1910, 3,577; 1915, 1,710. Beginning 1935, figures include only that part of steel for castings which was made in foundries producing steel ingots.

<sup>2</sup> Not available.

<sup>3</sup> Included with electric steel.

Source: American Iron and Steel Institute, annual report.

**No. 973.—BLAST FURNACES AND STEEL MILLS—SUMMARY 1889 TO 1939**

[Data for years prior to 1937 include figures for steel castings, thereafter such data are excluded]

YEAR	Number of establishments	Wage earners (average number)	Wages (\$1,000)	Value of products (\$1,000) <sup>1</sup>	Value added by manufacture (\$1,000) <sup>2</sup>	Primary horse-power
1889.....	719	171,181	89,273	478,688	151,415	784,358
1899.....	668	222,490	120,820	803,968	281,569	1,597,816
1909.....	654	278,505	187,807	1,377,152	399,013	3,274,285
1919.....	695	416,748	711,407	3,623,369	1,321,507	5,399,574
1923.....	658	424,913	696,761	4,161,938	1,289,910	5,999,941
1925.....	595	399,914	660,297	3,711,354	1,281,976	6,143,927
1927.....	602	389,270	645,534	3,488,744	1,219,534	6,781,058
1929.....	591	419,534	730,974	4,137,214	1,622,837	7,532,530
1931.....	526	278,206	357,645	1,714,214	623,199	(?)
1933.....	466	288,945	270,367	1,357,574	481,529	(?)
1935.....	468	374,808	458,584	2,305,970	893,681	(?)
1937.....	352	461,118	755,427	3,818,789	1,503,959	(?)
1939.....	334	368,441	598,037	3,270,822	1,234,631	4,944,118
Blast furnaces:						
1937 <sup>4</sup> .....	87	23,075	38,001	672,525	127,644	(?)
1939 <sup>4</sup> .....	81	19,537	28,312	560,802	87,083	(?)
Steel works and rolling mills:						
1937.....	265	438,043	717,425	3,146,263	1,376,314	(?)
1939.....	253	368,904	569,724	2,720,020	1,147,548	(?)

<sup>1</sup> Includes much duplication.

<sup>2</sup> Value of products less cost of materials, supplies, fuel, and purchased electric energy. Beginning 1935, deductions include, in addition, cost of contract work.

<sup>3</sup> No data.

<sup>4</sup> Includes data for 5 establishments in 1937 and 2 in 1939 engaged in production of sintered ore and flue dust and operated independently of blast furnaces.

Source: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures.

**No. 974.—IRON AND STEEL CASTINGS—SHIPMENTS: 1943 TO 1947**

[In short tons. For malleable iron castings, data represent complete coverage. Data for gray iron castings represent approximately 93 percent (for pressure pipe and soil pipe, practically complete) coverage for 1943, and complete coverage for 1944-46. For steel castings, data represent about 94 percent coverage for 1943 and 1944, and complete coverage for 1945 and 1946. For 1947, data on gray iron castings and steel castings represent preliminary estimates of complete coverage, based on a sample of the foundries]

YEAR	Malleable iron castings	GRAY IRON CASTINGS				STEEL CASTINGS		
		Total	Pressure pipe and fittings	Soil pipe and fittings	All other gray iron castings	Total	Grade of Steel	
							Carbon	Alloy
1943.....	844,630	9,217,900	541,446	159,330	8,517,024	1,198,228	1,861,110	1,337,218
1944.....	878,233	9,794,541	507,525	181,955	9,105,060	2,445,421	1,825,130	639,291
1945.....	790,731	9,578,295	602,663	203,033	8,772,599	1,942,477	1,434,473	508,004
1946.....	752,028	10,209,657	786,314	409,314	9,074,129	1,432,049	1,112,243	319,806
1947.....	895,054	12,540,980	1,031,626	577,199	10,932,155	1,625,055	1,241,005	384,050

<sup>1</sup> For July through December only.

Source: Department of Commerce, Bureau of the Census. Monthly data published in Facts for Industry Series M21A, M21B, and M22A.

**No. 975.—STEEL CASTINGS FOR SALE—PRODUCTION AND ORDERS BOOKED BY TYPE OF CASTING: 1920 TO 1947**

[In short tons. Approximate coverage of industry is as follows: 1920-30, 80 percent; 1931, 90 percent; 1940-44, 96 percent; 1945-46, 100 percent; 1947, preliminary estimates of complete coverage, based on a sample of the foundries]

YEAR	PRODUCTION			ORDERS BOOKED LESS CANCELLATIONS		
	Total	Railway specialties	Miscellaneous	Total	Railway specialties	Miscellaneous
1920.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	997,358	420,643	567,715
1925.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	981,343	423,647	557,696
1930.....	991,872	368,090	623,182	884,433	333,199	551,234
1935.....	398,988	94,329	304,659	400,157	97,357	302,800
1940.....	797,947	200,255	597,692	816,919	286,418	530,501
1941.....	1,316,027	471,810	844,217	1,561,864	590,293	1,001,571
1942.....	1,679,178	309,352	1,369,826	2,187,347	219,145	1,968,202
1943.....	1,923,645	248,664	1,679,981	2,333,420	352,760	1,980,660
1944.....	1,843,388	238,007	1,505,379	1,914,294	322,690	1,591,604
1945.....	<sup>1</sup> 1,484,957	<sup>1</sup> 311,833	<sup>1</sup> 1,173,124	<sup>1</sup> 1,529,912	<sup>1</sup> 352,382	<sup>1</sup> 1,177,530
1946.....	<sup>1</sup> 1,043,358	<sup>1</sup> 298,131	<sup>1</sup> 757,227	<sup>1</sup> 1,069,842	<sup>1</sup> 283,511	<sup>1</sup> 786,331
1947.....	<sup>1</sup> 1,203,504	<sup>1</sup> 341,987	<sup>1</sup> 861,517	<sup>1</sup> 1,330,081	<sup>1</sup> 449,432	<sup>1</sup> 880,649

<sup>1</sup> Not available.

<sup>2</sup> Calculated from data on shipments and unfilled orders.

<sup>3</sup> Shipments beginning with last quarter of 1945.

Source: Department of Commerce, Bureau of the Census. Monthly data published in Facts for Industry Series M22A.

**No. 976.—MALLEABLE IRON CASTINGS—PRODUCTION, SHIPMENTS AND ORDERS BOOKED: 1925 TO 1947**

[In short tons. Statistics represent coverage of approximately 90 percent for 1925-43. Thereafter coverage is complete and represents reports from 115 foundries]

YEAR	Production	SHIPMENTS			NEW ORDERS LESS CANCELLATIONS		
		Total	To outside trades	For use by own company or by an affiliate or subsidiary, or parent company	Total	For outside trades	For use by own company or by an affiliate or subsidiary, or parent company
1925.....	793,199	794,174	( <sup>1</sup> )	( <sup>1</sup> )	750,761	( <sup>1</sup> )	( <sup>1</sup> )
1930.....	471,923	476,371	( <sup>1</sup> )	( <sup>1</sup> )	432,722	( <sup>1</sup> )	( <sup>1</sup> )
1935.....	466,395	455,208	( <sup>1</sup> )	( <sup>1</sup> )	452,611	( <sup>1</sup> )	( <sup>1</sup> )
1938.....	280,914	206,003	208,597	57,406	289,384	203,173	86,211
1939.....	480,578	466,088	331,421	134,647	489,482	254,249	125,233
1940.....	565,923	556,209	400,813	155,391	571,929	414,310	157,619
1941.....	843,038	832,173	619,365	212,808	884,881	663,688	221,193
1942.....	768,496	746,008	590,804	155,204	859,102	703,167	155,935
1943.....	849,764	844,630	653,654	190,755	1,054,224	826,423	227,801
1944.....	889,830	878,233	619,588	258,645	909,483	683,511	225,972
1945.....	( <sup>1</sup> )	790,731	620,897	269,844	760,711	426,169	340,542
1946.....	( <sup>1</sup> )	752,028	452,353	299,673	( <sup>1</sup> )	483,928	( <sup>1</sup> )
1947.....	( <sup>1</sup> )	895,054	512,235	381,836	( <sup>1</sup> )	467,975	( <sup>1</sup> )

<sup>1</sup> Not available.

Source: Department of Commerce, Bureau of the Census. Monthly data published in Facts for Industry Series M21B.



# No. 977.—IRON AND STEEL, FINISHED ROLLED—PRODUCTION, EXPORTS, AND IMPORTS: 1876 TO 1946

[In short tons (2,000 pounds). Imports are imports for consumption beginning with 1933, general imports in earlier years. Blank spaces indicate no data available]

YEARLY AVERAGE OR YEAR (CALENDAR YEAR)	Total production, finished rolled products	RAILS			PLATES AND SHEETS			Merchant bar production <sup>1</sup>
		Production	Exports	Imports	Production	Exports	Imports	
1876-1890		1,020,426	4,974	67,033				
1881-1885		1,428,531	4,464	131,009				
1886-1890	1 6,911,600	1,915,611	8,148	55,748	1 787,104		6,975	
1891-1895	6,129,691	1,416,438	15,288	1,173	846,516	1,691	26,761	
1896-1900	9,142,067	2,107,734	260,420	2,667	1,639,544	34,714	5,344	
1901-1905	15,311,416	3,242,565	252,836	48,392	3,017,980	44,246	6,907	1 4,024,833
1906-1910	20,730,629	3,627,104	339,622	4,439	4,540,594	177,622	4,568	3,897,499
1911-1915	24,920,084	3,091,824	424,247	26,889	6,028,088	466,372	3,220	4,222,754
1916-1920	34,507,928	2,945,047	616,920	23,959	9,235,794	1,016,396	1,765	7,050,078
1921-1925	30,458,732	2,794,109	274,737	35,530	8,876,380	486,464	4,265	6,375,843
1926-1930	39,562,939	2,971,808	178,599	22,228	11,797,300	636,823	27,580	7,080,924
1931-1935	20,002,332	828,436	46,310	8,780	6,891,094	181,332	14,569	3,356,504
1936-1940	38,066,554	1,334,946	139,217	6,511	13,664,259	791,090	8,963	6,217,207
1929	45,097,746	3,048,795	163,567	6,964	13,928,670	605,804	51,876	8,314,316
1930	33,054,568	2,098,021	106,600	9,304	10,155,450	389,475	31,904	5,579,979
1931	21,477,001	1,296,681	37,081	5,608	6,764,331	215,970	16,936	3,454,076
1932	11,705,219	480,874	12,678	6,341	3,858,505	88,515	24,922	1,903,441
1933	18,743,296	466,252	46,459	7,171	6,962,648	121,902	10,643	2,973,655
1934	21,247,847	1,131,451	77,458	3,442	7,140,913	226,537	5,204	3,684,162
1935	26,840,298	796,921	57,873	6,337	9,734,073	253,738	13,141	4,767,187
1936	37,867,544	1,366,228	83,270	8,700	13,610,595	346,753	25,796	6,822,492
1937	41,178,356	1,619,228	165,964	9,294	15,721,261	885,189	10,095	6,755,012
1938	23,508,951	697,642	92,648	4,056	8,506,233	573,817	7,167	3,484,923
1939	39,067,563	1,312,647	66,183	8,718	13,931,919	729,266	1,606	6,128,350
1940	48,680,369	1,678,986	289,020	1,780	16,551,288	1,420,311	153	7,885,261
1941	62,324,187	1,927,551	169,542	7,672	20,293,071	1,054,180	125	10,978,606
1942	62,445,914	2,096,159	256,159	14,455	21,297,072	1,364,824	254	11,939,962
1943	63,292,673	2,126,996	311,861	7,384	22,543,040	1,631,567	468	11,858,047
1944	65,803,979	2,490,656	316,915	9,893	23,463,059	1,246,556	5,565	11,161,194
1945	59,811,669	2,417,520	327,883	32,474	19,314,316	1,341,777	2,751	10,484,218
1946	50,936,772	1,965,642	385,584	7,997	16,324,199	1,159,169	2,254	8,680,428

YEARLY AVERAGE OR YEAR (CALENDAR YEAR)	Skelp production	WIRE RODS			STRUCTURAL SHAPES			All other finished rolled production <sup>2</sup>
		Production	Exports	Imports	Production	Exports	Imports	
1891-1895		709,238		38,980	1 481,457			2,772,234
1896-1900		1,018,997	1 18,124	20,287	772,149	1 54,742		3,603,643
1901-1905	1 1,608,314	1,781,114	18,306	20,597	1,348,246	62,329	1 14,432	1,415,004
1906-1910	1 1,869,915	2,303,540	15,011	17,245	2,169,385	135,616	12,440	2,323,590
1911-1915	2,511,342	2,933,601	84,252	13,198	1 2,739,958	297,798	7,174	3,392,518
1916-1920	3,123,005	3,836,179	162,072	4,168	3 340,000	376,744	3,143	5,477,829
1921-1925	3,345,985	2,636,325	31,408	4,803	3,199,711	224,177	31,317	4,031,879
1926-1930	3,752,372	3,148,573	35,039	16,096	4,489,127	311,101	160,219	6,322,836
1931-1935	1,248,507	2,065,158	25,456	12,505	1,631,789	66,574	45,874	2,980,346
1936-1940	2,282,801	3,424,361	92,413	12,251	3,317,886	237,283	49,232	7,825,503
1929	3,939,307	3,510,538	47,320	17,531	5,351,362	447,817	166,010	7,904,738
1930	3,003,892	2,630,432	44,552	9,904	3,933,970	273,101	124,773	5,652,824
1931	1,679,194	2,065,974	33,980	7,968	2,310,401	136,332	81,008	3,906,344
1932	680,511	1,328,623	18,596	8,896	1,049,695	36,468	40,933	2,435,670
1933	1,113,857	2,266,966	18,902	14,940	1,242,562	35,877	32,812	3,717,306
1934	1,254,643	1,930,617	26,580	11,386	1,596,045	60,003	28,026	4,508,016
1935	1,514,328	2,733,689	29,223	18,794	1,959,709	64,191	46,593	5,334,391
1936	2,415,394	3,367,626	39,057	21,180	3,245,346	98,143	68,974	7,039,863
1937	2,563,445	3,370,405	67,209	17,717	3,670,068	208,072	87,666	7,488,937
1938	1,408,540	2,361,630	24,957	5,914	2,082,665	142,622	44,379	5,032,298
1939	2,330,128	3,680,297	35,224	11,975	3,368,965	182,731	44,277	8,315,227
1940	2,709,000	4,351,848	320,621	4,465	4,232,346	554,644	839	11,231,640
1941	3,637,574	5,268,423	187,326	119	5,724,236	365,238	356	14,494,334
1942	2,900,741	4,632,017	145,251	57	5,816,321	229,757	166	13,823,622
1943	3,022,398	4,663,798	178,039	31	4,675,844	239,965		14,472,560
1944	3,049,682	4,646,298	123,804	2	4,676,481	215,592	28,017	16,316,609
1945	2,894,023	4,531,157	109,334	2,199	4,467,164	367,966	2,682	15,703,271
1946	2,534,848	4,520,280	62,365	6,054	4,387,664	449,270	874	12,323,711

<sup>1</sup> Includes skelp beginning 1922.

<sup>2</sup> Merchant bars include concrete reinforcement bars and, beginning 1934, certain miscellaneous bars previously included in "All other finished rolled production."

<sup>3</sup> Average for years 1897-90.

<sup>4</sup> Average for period July 1, 1897, to Dec. 31, 1900.

<sup>5</sup> Average for years 1902-05.

<sup>6</sup> Average for period July 1, 1903, to Dec. 31, 1905.

<sup>7</sup> Average for years 1897-95.

<sup>8</sup> Small structural forms not included in 1911.

Source: Production, American Iron and Steel Institute, annual report. Exports and imports, Dept. of Commerce, Bureau of Foreign and Domestic Commerce through April 1941, Bureau of Census thereafter; annual report, Foreign Commerce and Navigation of the United States.

## No. 978.—IRON AND STEEL—AGGREGATE EXPORTS: 1890 TO 1946

[Covers products listed in table 979; excludes data for highly elaborated products of iron and steel. Value figures through 1921 exclude, and those beginning 1922 include data for small items for which quantity figures are not available. Ferromanganese data included for all years. Data for steam and hot-water heating boilers and radiators, formerly classified as heavy iron and steel products, excluded beginning with 1922]

[Quantities in thousands of long tons (2,240 pounds); values in thousands of dollars]

YEAR	Quantity	Value	YEAR	Quantity	Value	YEAR	Quantity	Value
1890.....	52	.....	1923.....	2,010	167, 247	1935.....	3,064	88, 414
1895.....	89	.....	1924.....	1,806	150, 494	1936.....	3, 157	112, 092
1900.....	1, 154	42, 518	1925.....	1, 763	144, 262	1937.....	7, 579	302, 300
1905.....	1, 010	33, 813	1926.....	2, 187	174, 145	1938.....	5, 148	188, 432
1910.....	1, 538	63, 436	1927.....	2, 183	180, 609	1939.....	6, 084	236, 947
1915.....	3, 533	140, 993	1928.....	2, 865	179, 881	1940.....	10, 603	524, 426
1917.....	6, 439	567, 041	1929.....	3, 088	200, 203	1941.....	7, 168	506, 901
1918.....	5, 375	558, 279	1930.....	1, 963	139, 039	1942.....	6, 596	598, 009
1919.....	4, 460	410, 164	1931.....	969	63, 226	1943.....	6, 460	621, 847
1920.....	4, 935	458, 375	1932.....	595	28, 857	1944.....	5, 489	560, 178
1921.....	2, 213	214, 830	1933.....	1, 841	45, 634	1945.....	4, 640	461, 147
1922.....	1, 968	136, 834	1934.....	2, 813	88, 691	1946.....	4, 598	449, 881

## No. 979.—IRON AND STEEL—EXPORTS, BY KIND: 1943 TO 1946

ARTICLE	QUANTITY (TONS OF 2,240 LBS.)				VALUE (\$1,000)			
	1943	1944	1945	1946	1943	1944	1945	1946
Total.....	6, 468, 627	6, 488, 944	4, 645, 759	4, 597, 569	621, 647	569, 175	461, 147	449, 881
Pig iron, not including ferro-alloys	128, 312	145, 070	81, 101	85, 445	4, 391	4, 307	2, 393	2, 670
Ferromanganese and spiegeleisen	11, 449	715	2, 883	9, 243	1, 728	108	258	663
Other ferro-alloys	30, 167	7, 123	4, 804	7, 310	5, 513	9, 307	3, 442	2, 070
Scrap	49, 013	85, 422	65, 477	133, 120	1, 671	1, 911	2, 569	3, 385
Ingot, blooms, sheet bars, skelp, etc.	1, 946, 715	1, 128, 968	312, 751	484, 551	97, 688	57, 120	17, 045	23, 926
Iron and steel bars and alloy steel bars	561, 353	581, 889	538, 126	624, 164	84, 093	72, 787	50, 558	52, 425
Wire rods	157, 178	110, 536	97, 619	55, 674	9, 224	6, 078	5, 403	3, 839
Galvanized sheets	64, 658	84, 931	156, 023	69, 416	5, 801	7, 305	15, 159	7, 567
Plates, iron and steel	662, 249	295, 121	191, 039	475, 542	45, 437	19, 102	13, 398	33, 423
Black steel sheets	624, 840	697, 259	662, 771	431, 057	47, 833	58, 114	53, 250	46, 078
Black iron sheets	4, 152	16, 854	11, 460	27, 636	338	1, 382	944	2, 476
Hoop, band, and strip steel	178, 594	189, 245	127, 129	133, 037	27, 904	27, 012	14, 336	15, 647
Tin plate, terneplate, etc.	396, 526	436, 632	471, 080	355, 794	46, 615	52, 306	55, 457	43, 009
Structural shapes, plain material	167, 673	148, 259	255, 725	284, 731	9, 467	8, 670	14, 429	18, 082
Structural materials, fabricated	87, 697	80, 356	247, 839	144, 365	8, 937	16, 337	31, 686	19, 612
Tanks, complete and knocked down	26, 037	39, 076	29, 444	44, 046	4, 209	5, 233	4, 347	5, 873
Metal lath	474	556	1, 689	3, 159	102	104	331	679
Steel rails	278, 447	282, 960	292, 753	344, 371	12, 880	12, 989	14, 430	18, 220
Rail fastenings, switches, frogs, etc.	86, 790	120, 180	115, 688	71, 741	8, 502	11, 719	11, 654	7, 968
Boiler tubes	80, 623	66, 635	47, 075	39, 790	9, 174	14, 618	8, 140	6, 686
Casing and oil-line pipe	101, 102	177, 338	229, 240	160, 516	10, 649	20, 071	24, 520	18, 912
Seamless black pipe, except casing and oil line	74, 420	40, 239	19, 265	13, 277	8, 935	6, 337	2, 355	1, 838
Black and galvanized welded pipe	131, 368	117, 525	108, 560	130, 663	14, 470	12, 908	12, 391	15, 274
Cast-iron pipe and fittings	26, 172	38, 359	65, 875	42, 394	2, 945	3, 253	5, 317	3, 743
Malleable-iron screwed pipe fittings	5, 163	4, 061	3, 287	3, 956	2, 145	1, 783	1, 534	1, 924
All other iron and steel pipe and fittings, n. e. s.	116, 933	101, 034	65, 024	65, 165	26, 966	26, 374	18, 180	17, 617
Barbed-wire and woven-wire fencing	23, 932	29, 002	31, 366	50, 480	2, 494	3, 350	4, 321	6, 379
Plain and galvanized wire	145, 351	126, 018	108, 527	108, 114	21, 418	17, 815	13, 316	15, 653
Woven-wire screen cloth	3, 503	4, 256	3, 364	3, 143	2, 444	2, 685	2, 047	2, 300
Wire rope and wire strand	34, 751	34, 909	28, 220	30, 992	16, 982	16, 270	12, 301	11, 594
Electric welding rods	7, 765	12, 342	12, 620	8, 453	2, 895	3, 168	2, 396	1, 999
Wire, other, and manufactures thereof	23, 706	28, 507	19, 824	23, 300	8, 382	5, 456	5, 911	8, 228
Wire nails	36, 746	38, 103	27, 914	17, 055	3, 378	3, 496	2, 671	2, 607
Nails other than wire, tacks, staples	7, 563	9, 926	9, 874	10, 402	1, 561	2, 043	2, 290	2, 600
Horseshoes	139	266	1, 501	1, 660	23	46	260	275
Bolts, nuts, rivets, and washers <sup>1</sup>	48, 667	50, 100	37, 325	28, 234	14, 318	14, 006	10, 638	9, 216
Car wheels and axles	97, 004	74, 936	74, 966	61, 046	11, 831	9, 356	8, 791	7, 664
Iron castings	21, 316	20, 478	41, 826	20, 191	4, 166	3, 957	4, 539	3, 349
Steel castings	17, 946	14, 546	9, 339	2, 874	6, 430	5, 694	2, 664	1, 218
Forgings	62, 515	46, 170	25, 466	17, 280	28, 199	18, 605	5, 184	2, 962

<sup>1</sup> Except railroad.

Source of tables 978 and 979: Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941 and Bureau of the Census thereafter; annual report, Foreign Commerce and Navigation of the United States.

No. 980.—IRON AND STEEL—AVERAGE ANNUAL PRICES, BY CLASS OR KIND:  
1891 TO 1947

[Prices of pig iron, rails, and billets, and wire rods in dollars per long ton (2,240 pounds); other prices in dollars per 100 pounds]

YEAR	P G IRON			Open hearth rails at mills in Penn- syl- vania <sup>1</sup>	Open hearth steel billets, Pitts- burgh <sup>2</sup>	Wire rods, Pitts- burgh	Mer- chant bars, Pitts- burgh	Iron bars (best refined). Pitts- burgh <sup>4</sup>	Tank plates, Pitts- burgh	Struc- tural shapes, Pitts- burgh <sup>5</sup>	Com- posite finished steel
	Basic, The Val- leys	South- ern, No. 2, Cincin- nati	Local, No. 2, Chi- cago <sup>1</sup>								
1891-1895.....	-----	11. 74	12. 80	27. 27	20. 89	-----	-----	1. 46	-----	-----	-----
1896-1900.....	-----	12. 56	14. 30	24. 96	21. 08	-----	<sup>6</sup> 1. 46	1. 50	1. 61	<sup>6</sup> 1. 63	-----
1901-1905.....	-----	15. 80	17. 50	27. 87	25. 76	-----	1. 47	1. 77	1. 60	1. 63	-----
1906-1910.....	16. 87	17. 66	19. 42	28. 00	26. 60	-----	1. 47	1. 75	1. 57	1. 58	1. 77
1911-1915.....	13. 66	14. 10	14. 72	28. 00	22. 43	-----	1. 81	1. 47	1. 32	1. 32	1. 54
1916.....	19. 76	18. 67	20. 26	32. 00	43. 95	-----	2. 67	2. 13	3. 53	2. 55	2. 67
1917.....	38. 90	38. 95	41. 81	38. 00	70. 96	-----	3. 64	3. 83	5. 88	3. 67	4. 19
1918.....	32. 50	36. 56	33. 25	55. 00	47. 33	-----	2. 89	4. 31	3. 24	2. 99	3. 54
1919.....	27. 67	32. 17	29. 11	47. 29	40. 54	53. 96	2. 60	4. 10	2. 72	2. 52	3. 12
1920.....	42. 25	44. 52	42. 52	52. 42	56. 14	69. 55	3. 22	4. 75	3. 28	2. 95	3. 74
1921.....	21. 73	26. 68	22. 93	44. 06	34. 46	45. 94	1. 87	4. 47	1. 93	1. 94	2. 44
1922.....	24. 20	23. 93	24. 85	40. 75	38. 90	40. 49	1. 72	3. 35	1. 72	1. 71	2. 12
1923.....	25. 81	27. 87	28. 16	43. 00	41. 75	50. 39	2. 36	3. 50	2. 43	2. 43	2. 70
1924.....	20. 24	23. 91	22. 10	43. 00	37. 99	48. 31	2. 20	4. 00	2. 12	2. 19	2. 51
1925.....	19. 59	23. 74	22. 09	43. 00	35. 62	46. 05	2. 02	4. 52	1. 91	1. 99	2. 33
1926.....	18. 55	24. 71	21. 64	43. 00	35. 00	45. 00	2. 00	4. 62	1. 88	1. 95	2. 32
1927.....	17. 70	21. 16	19. 68	43. 00	33. 27	42. 44	1. 84	4. 68	1. 82	1. 83	2. 20
1928.....	16. 66	19. 70	18. 54	43. 00	32. 67	42. 55	1. 87	4. 64	1. 87	1. 87	2. 17
1929.....	18. 19	18. 51	20. 00	43. 00	34. 66	41. 50	1. 92	4. 13	1. 93	1. 92	2. 29
1930.....	17. 98	16. 16	18. 47	43. 00	31. 84	36. 91	1. 71	4. 11	1. 69	1. 69	2. 11
1931.....	15. 85	14. 52	17. 35	43. 00	29. 36	35. 03	1. 63	3. 69	1. 62	1. 62	1. 96
1932.....	13. 98	13. 84	15. 87	42. 44	26. 52	37. 00	1. 57	3. 35	1. 57	1. 57	1. 87
1933.....	15. 24	16. 31	16. 47	39. 26	26. 00	35. 15	1. 64	3. 35	1. 61	1. 68	1. 85
1934.....	17. 69	18. 80	18. 19	36. 37	27. 10	37. 37	1. 81	3. 50	1. 78	1. 78	2. 05
1935.....	18. 17	19. 34	18. 68	36. 37	27. 25	38. 21	1. 81	3. 50	1. 80	1. 80	2. 07
1936.....	19. 10	19. 99	19. 60	36. 59	29. 68	39. 12	1. 95	3. 70	1. 85	1. 85	2. 12
1937.....	22. 99	23. 20	23. 49	41. 86	36. 45	46. 27	2. 40	4. 50	2. 21	2. 21	2. 54
1938.....	21. 70	22. 18	22. 20	41. 77	35. 45	44. 93	2. 35	4. 50	2. 17	2. 17	2. 46
1939.....	21. 09	21. 64	21. 59	40. 00	34. 00	43. 00	2. 19	4. 40	2. 10	2. 10	2. 31
1940.....	22. 53	23. 06	23. 03	40. 00	34. 00	44. 80	2. 15	4. 64	2. 10	2. 10	2. 30
1941.....	23. 50	24. 02	24. 00	40. 00	34. 00	44. 80	2. 15	5. 00	2. 10	2. 10	2. 30
1942.....	23. 50	24. 52	24. 00	40. 00	34. 00	44. 80	2. 15	5. 00	2. 10	2. 10	2. 29
1943.....	23. 50	24. 25	24. 00	40. 00	34. 00	44. 80	2. 15	5. 14	2. 10	2. 10	2. 29
1944.....	23. 50	24. 81	24. 00	40. 00	34. 00	44. 80	2. 15	5. 85	2. 10	2. 10	2. 27
1945.....	24. 52	<sup>7</sup> 26. 19	25. 02	42. 44	35. 21	46. 85	2. 21	<sup>8</sup> 5. 40	2. 21	2. 10	2. 42
1946.....	27. 14	<sup>9</sup> 29. 80	27. 64	43. 67	38. 62	51. 30	2. 47	<sup>8</sup> 7. 00	2. 47	2. 32	2. 67
1947.....	33. 85	40. 24	33. 93	<sup>10</sup> 2. 60	44. 38	<sup>10</sup> 2. 73	2. 73	<sup>8</sup> 8. 00	2. 80	2. 63	<sup>11</sup> 3. 01

<sup>1</sup> At furnace after 1907.  
<sup>2</sup> Bessemer billets prior to 1927.  
<sup>3</sup> Average for 1898-1900.  
<sup>4</sup> Average for week of Dec. 24, 1946.

<sup>5</sup> Bessemer rails prior to Oct. 22, 1921.  
<sup>6</sup> Muck iron in 1891.  
<sup>7</sup> Average for week of Dec. 25, 1945.  
<sup>8</sup> Dollars per 100 pounds.

<sup>9</sup> Beams prior to Mar. 19, 1929.  
<sup>10</sup> Double refined iron bars.  
<sup>11</sup> Estimate.

Source: Steel and The Iron Age, annual review issues; and American Iron and Steel Institute, annual report.

No. 981.—MAGNESIUM—PRODUCTION OF SEMIFABRICATED PRODUCTS: 1940 TO 1947  
[Thousands of pounds]

CLASS	1940	1941	1942	1943	1944	1945	1946	1947
Total.....	5, 476	13, 675	<sup>1</sup> 55, 164	<sup>1</sup> 146, 262	<sup>1</sup> 213, 418	89, 770	15, 114	12, 509
Castings:								
Sand.....	3, 974	11, 945	32, 024	59, 123	75, 221	42, 471	7, 149	6, 404
Permanent mold.....			20, 387	81, 337	123, 904	39, 592	532	729
Die.....	699	768	1, 346	2, 866	2, 362	1, 689	791	560
Sheet, strip, and plate.....	366	485	887	1, 680	2, 308	2, 900	3, 411	1, 876
Extrusions.....	411	451	475	1, 029	9, 198	<sup>2</sup> 3, 118	<sup>2</sup> 3, 231	<sup>2</sup> 2, 931
Forgings.....	26	26	45	227	425			

<sup>1</sup> Excludes extruded sheet stock, forging stock, powder, and sticks.

<sup>2</sup> Represents extrusions, including forging stock; forgings data not available.

Source: 1940 and 1941, Department of Interior, Bureau of Mines; Minerals Yearbook. 1942 and subsequent years, Department of Commerce, Bureau of the Census; Facts for Industry Series, M24G and M24E.

## No. 982.—BRASS MILL PRODUCTION: 1942 TO 1946

(Thousands of pounds)

CLASS	1942 (July-Dec.)	1943	1944	1945	1946 (Apr.-Dec.)
All products.....	2,462,892	5,610,636	5,013,514	3,782,354	<sup>1</sup> 1,634,696
Alloyed products.....	2,180,474	5,220,179	4,618,353	3,312,499	1,351,772
Plate, sheet, and strip.....	1,668,082	3,994,819	3,272,926	2,051,366	540,371
Rod and wire.....	457,354	943,870	1,015,479	989,363	577,320
Tubes.....	155,038	282,490	325,948	271,771	134,081
Unalloyed products.....	222,418	389,847	395,161	469,855	<sup>1</sup> 482,919

<sup>1</sup> Includes estimated production amounting to less than 1 percent.<sup>2</sup> Includes 84,338 pounds of copper water tubing.

Source: Civilian Production Administration; published in Facts for Industry Series 10-1. Refer inquiries to Department of Commerce, Bureau of the Census.

No. 983.—NONFERROUS METALS AND ALLOYS, AND FINISHED PRODUCTS THEREOF—  
PRODUCTION, BY KIND: 1935, 1937, AND 1939

[Covers products made for sale and interplant transfer, excluding those made for consumption in same works. Data represent production of commodities specified, whether made as primary or as secondary products by industries reporting them. Census designations of industries in which these commodities are made are as follows: "Alloying, and rolling and drawing of nonferrous metals, except aluminum"; "Secondary smelting and refining of nonferrous metals, not elsewhere classified"; "Nonferrous metal foundries (except aluminum)"; and "Nonferrous metal products not elsewhere classified." No data are included for production of copper, lead, zinc, and other nonferrous metals from the ore nor of secondary metals by establishments engaged in primary smelting and refining of nonferrous metals]

KIND	TONS (2,000 POUNDS)			VALUE (\$1,000)		
	1935	1937	1939	1935	1937	1939
Ingot and pigs.....						
Brass and bronze.....	74,388	138,762	114,208	<sup>1</sup> 14,551	34,348	25,102
Antifriction-bearing metal.....	19,636	40,970	20,900	6,530	11,674	7,439
Solders, all kinds.....	38,950	58,546	56,617	<sup>1</sup> 16,720	28,622	25,409
Type metal.....	28,381	34,756	31,901	<sup>1</sup> 4,234	6,358	5,673
Copper, secondary.....	29,281	39,890	44,458	4,935	9,499	9,827
Lead, secondary.....	129,512	125,520	148,822	1,429	15,437	15,909
Zinc, secondary.....	31,063	47,918	44,485	3,044	6,221	4,955
Tin, secondary.....	2,746	4,924	5,450	<sup>1</sup> 2,712	4,983	5,433
Plates and sheets.....						
Brass and bronze.....	163,364	195,822	186,548	44,606	78,798	68,452
Copper.....	93,014	104,366	105,211	26,143	36,350	36,262
Lead.....	17,332	22,503	23,407	2,309	3,776	3,440
Zinc.....	49,931	63,744	60,996	8,131	12,342	10,027
Nickel-alloys.....	14,881	17,699	25,515	7,713	10,795	12,145
Rods.....						
Brass and bronze.....	94,261	139,743	135,156	23,894	43,340	36,949
Copper.....	111,334	199,374	204,903	22,387	44,080	45,364
Nickel-alloys and other nonferrous metals and alloys.....				6,400	8,760	8,731
Extruded shapes.....				5,968	8,077	4,868
Tubing (seamless) and pipe:						
Brass and bronze.....	47,834	78,865	70,183	16,626	34,870	29,735
Copper.....	33,992	57,999	67,330	12,099	26,262	29,286
Lead.....	16,829	22,965	17,923	2,455	3,928	2,706
Nickel-alloys.....	1,304	1,918	2,478	1,522	2,166	3,524
Other tubing, including brazed.....	( <sup>2</sup> )	( <sup>2</sup> )	3,189	1,399	2,183	1,347
Wire and wire products <sup>3</sup> .....				40,459	83,000	67,848
Castings, rough:						
Brass and bronze.....	51,608	126,281	93,871	<sup>4</sup> 19,166	49,354	37,712
Copper.....	1,830	3,901	3,296	<sup>4</sup> 771	2,214	1,777
Nickel-alloys <sup>5</sup> .....	1,194	1,513	1,139	<sup>4</sup> 1,123	1,470	1,087
Bells, cast.....				( <sup>2</sup> )	158	145
Finished products:						
Bearings and bushings (including antifriction linings).....				21,209	43,256	37,192
Die castings.....				20,267	28,073	28,559
Castings, finished.....				4,356	3,475	3,628
Forged and hot-pressed parts.....				2,723	6,837	5,931
Fittings.....				( <sup>2</sup> )	6,094	9,247
Spun ware.....				( <sup>2</sup> )	2,321	2,867
Powder.....				( <sup>2</sup> )	( <sup>2</sup> )	1,793

<sup>1</sup> Not including the value of ingots and pigs for which no quantity was reported as follows: Brass and bronze, \$197,000; antifriction-bearing metal, \$1,186,000; solders, \$2,016,000; type metal, \$214,000; secondary tin, \$44,000.<sup>2</sup> Data not available.<sup>3</sup> Reported by establishments classified in this industry only.<sup>4</sup> Not including the value of castings for which no quantity was reported as follows: Brass and bronze, \$14,308,000; copper, \$644,000; nickel alloys, \$27,000.<sup>5</sup> Other than heat-corrosion resistant.

Source: Dept. of Commerce, Bur. of the Census; reports of Biennial Census of Manufactures.

**No. 984.—SELECTED METAL PRODUCTS—FACTORY SHIPMENTS: 1946 AND 1947**  
 [Leaders indicate no data available]

PRODUCT AND UNIT OF MEASURE	1946		1947	
	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
<b>Containers and closures:</b>				
Steel shipping barrels and drums..... number	31,649,399		35,862,610	
Steel packages, kegs, and pails..... do	55,560,197		61,075,833	
Metal cans..... short tons of steel consumed	2,759,519		2,966,116	
Food..... do	2,305,359		2,145,601	
Non-food..... do	454,160		809,515	
Crowns..... gross	288,559,772		319,785,429	
Closures (except crowns)..... 1,000	15,561,456		11,602,610	
Commercial..... do	14,749,916		10,574,377	
Home canning..... do	801,540		728,233	
<b>Heating and cooking equipment:</b>				
Domestic cooking stoves and ranges..... number	2,375,918	220,544	4,510,951	367,932
Electric..... do	578,723	55,069	1,043,711	117,848
Gas, including bungalow..... do	1,762,138	114,478	2,236,788	179,815
Liquid fuel..... do	516,308	15,300	559,579	20,627
Coal and wood..... do	405,107	21,054	449,356	23,882
Combination..... do	115,642	14,925	171,517	25,980
Domestic heating stoves..... do	4,204,939	79,377	5,313,427	143,592
Gas..... do	1,258,600	16,197	2,595,563	38,506
Liquid fuel..... do	1,319,052	39,206	2,412,216	87,508
Coal and wood..... do	1,627,287	23,974	1,305,648	17,490
Water heaters..... do	2,897,031	100,356	2,540,565	163,567
Electric..... do	496,912	25,662	630,773	52,967
Non-electric..... do	2,400,119	74,724	2,709,792	110,900
Direct-fired..... do	2,092,986	66,868	2,429,355	101,286
Indirect..... do	307,133	7,866	280,437	9,614
Range boilers..... do	1,001,223	9,233	691,252	7,437
Cast iron boilers..... 1,000 pounds	249,766	28,689	326,129	48,274
Cast iron radiators and convectors..... 1,000 sq. ft. heating surf	38,358	14,787	56,720	24,355
Oil burners..... number	579,453		1,185,949	
Residential..... do	542,147		1,137,173	
Non-residential..... do	37,306		48,776	
Mechanical stokers..... do	190,917		68,909	
Warm air furnaces..... do	691,032	67,211	850,789	141,639
Forced air..... do	239,702	45,196	463,823	100,125
Gravity air..... do	451,330	42,015	386,946	41,414
<b>Construction machinery:</b>				
Power cranes and shovels..... do	5,696	81,324	6,035	132,836
Dozers..... do	18,036	20,190	17,227	20,452
Tracklaying tractors..... do	25,929	81,366	37,624	134,361
<b>Plumbing fixtures:</b>				
Bathtubs, cast iron and steel..... do	1,657,021		1,671,795	
Lavatories..... do	1,786,652		2,737,610	
Vitreous china..... do	1,029,679		1,267,759	
Cast iron and steel..... do	756,973		1,469,851	
Kitchen sinks..... do	2,344,584		2,639,784	
Vitreous china..... do	496,731		111,984	
Cast iron..... do	897,586		1,232,355	
Steel..... do	960,267		1,295,475	
<b>Transportation equipment:</b>				
Truck trailers..... do	73,001	151,384	55,372	138,363
Complete trailers..... do	67,386	142,801	52,071	
Trailer chassis only..... do	5,615	8,563	3,301	
Trailer coaches (housing types)..... do	47,103	74,564	70,078	115,741
Complete aircraft (civilian)..... do	35,000	171,111	15,616	176,504
Aircraft engines (civilian)..... do	40,822	56,217	16,340	49,320
<b>Miscellaneous:</b>				
Lawn mowers..... do	1,533,091	34,321	2,613,593	71,053
Domestic water systems..... do	626,729	40,774	762,855	55,817
Wheelbarrows..... do	561,981	3,856	651,279	6,759
Electric power plants (10 kw or under)..... do	113,056	19,016	104,400	21,335
Wind driven..... do	42,740	1,466	40,618	1,815
Other..... do	70,316	17,550	63,782	19,520
Scales and balances..... 1,000		31,935		46,791
Electric lamps..... 1,000	1,567,500	143,865	1,786,333	194,388

Source: Department of Commerce, Bureau of Census, Facts for Industry Series. Data for power cranes and shovels from Power Crane and Shovel Assn. Data on electric stoves and electric water heaters for 1946 from National Electric Manufacturers' Assn. and Bureau of Census; for 1947 from the former, and therefore not on comparable basis.

## NO. 985.—MACHINERY—VALUE OF THE PRINCIPAL CLASSES MANUFACTURED

(In thousands of dollars. The various classes of machinery listed are products of a number of industries, such as "Industrial machinery, not elsewhere classified," "Motor vehicles, motor-vehicle bodies, parts and accessories," "Agricultural machinery (except tractors)," etc. This table is not an industry presentation, but a special presentation giving value of products for groups designated. The values are in part duplicated in other tables in this Abstract such as tables 986 and 990)

CLASS	1929	1933	1935	1937	1939
Agricultural machinery and parts (harvesting, haying, planting, fertilizing, and machinery for preparing crops for market)	167,673	17,109	68,916	114,340	96,267
Aircraft (begun and completed within year)	52,157	15,860	17,454	23,654	75,573
Bakers' machinery and equipment	21,730	7,332	11,869	18,130	17,063
Blowers and fans	25,243	6,955	15,830	25,282	24,561
Bottlers' machinery, except for dairies	11,082	9,157	8,264	21,135	11,969
Canning machinery	8,535	3,139	8,271	11,840	4,108
Cash registers, adding, calculating, and card-tabulating machines, and typewriters	151,583	46,577	83,217	118,552	95,712
Cement and concrete machinery (not including cement-making, etc.)	4,132	224	1,809	4,053	1,730
Cement-making machinery	4,387	545	1,046	2,005	3,035
Clay-working machinery (brick, pottery, etc.)	4,402	591	1,071	2,737	2,069
Coin-operated commodity or vending machines	8,821	5,472	5,989	8,978	6,154
Commercial laundry, dry-cleaning, and pressing machinery	86,110	7,993	14,241	21,969	20,737
Confectionery and ice-cream machinery	3,674	2,687	5,052	7,217	6,945
Construction and similar machinery	160,683	25,858	61,706	123,889	115,294
Cotton-ginning machinery	11,760	2,165	4,892	11,300	8,115
Dairy machinery	16,593	8,327	14,864	18,402	15,467
Electrical machinery (generators, motors, and fans, including parts)	265,974	73,405	151,501	206,690	219,910
Elevators, escalators, and conveyors:					
Automobile lifts	(*)	1,889	4,013	3,786	4,254
Conveying and elevating machinery	48,537	11,413	22,045	33,911	29,773
Elevators, escalators, and dumb-waiters	44,044	8,322	9,110	21,235	16,969
Engines (steam or internal-combustion), turbines, and water wheels <sup>1</sup>	129,175	25,874	61,555	113,851	113,573
Flour-mill and grain-mill machinery	8,286	2,354	5,167	6,916	6,087
Foundry machinery	10,639	1,957	5,585	9,156	6,804
Glass-making machinery	3,688	1,895	3,543	4,729	4,439
Lawn mowers	10,953	3,467	4,087	8,427	8,691
Leather-working machinery, other than shoe	1,249	747	1,005	1,220	1,265
Locomotives	62,909	2,748	21,735	65,163	43,411
Machine tools	147,316	15,467	64,515	162,046	166,549
Metalworking machinery	92,358	23,151	80,346	131,654	107,709
Mining machinery (not including well drilling or dredging)	40,325	8,107	21,195	29,124	34,380
Motorcycles, side cars, bicycles, and parts	21,196	(*)	22,807	36,627	23,917
Motor vehicles and chassis	3,412,056	928,650	2,152,986	2,848,756	2,275,264
Oil-field machinery, tools, and equipment	(*)	(*)	(*)	120,669	61,662
Oil-mill machinery, cottonseed and other	2,533	2,110	2,790	4,677	2,931
Oil-refinery machinery	30,210	4,807	7,681	14,516	16,360
Packing-house machinery	6,653	2,786	5,217	7,029	6,023
Paper mill and pulp-mill machinery	30,456	8,696	14,829	33,177	21,516
Printers' machinery	64,980	13,508	30,377	46,582	31,769
Pumps, pumping equipment, and air compressors:					
Measuring and dispensing pumps	132,747	10,343	18,092	33,658	31,767
Pumps and pumping equipment	39,683	25,322	46,118	82,952	79,230
Air compressors		7,214	15,691	23,328	21,232
Refrigerators, mechanical	167,149	90,694	152,513	243,956	198,977
Refrigerating and ice-making machinery		4,113	6,570	9,534	6,541
Rubber working machinery	13,852	3,347	4,893	12,271	13,685
Scales and balances	25,385	6,806	12,191	17,169	13,544
Sewing machines	37,378	10,274	18,250	24,503	20,304
Shoe machinery	12,317	8,130	10,245	10,903	10,603
Stokers, mechanical	14,954	5,629	11,537	22,176	20,275
Sugar-mill machinery	3,046	794	1,260	4,344	2,935
Textile machinery and parts	115,526	57,892	64,609	100,696	95,691
Tobacco-manufacturers' machinery	5,018	1,106	1,698	3,679	3,377
Vacuum cleaners (electric)	35,108	14,411	24,191	36,029	44,160
Washing machines, clothes wringers, driers, and ironing machines for domestic use	79,011	42,422	59,513	73,291	66,232
Well-drilling machinery (excluding oil-well)	(*)	(*)	(*)	3,334	1,519
Windmills	4,063	1,400	1,833	2,613	1,289
Woodworking machinery	25,151	6,100	12,542	23,118	23,413

<sup>1</sup> Not strictly comparable with figures for earlier years.

<sup>2</sup> Includes postal meters.

<sup>3</sup> Excludes dry-cleaning machinery.

<sup>4</sup> Not including mining dredges.

<sup>5</sup> No comparable data.

<sup>6</sup> Not including motor-vehicle or aircraft engines.

<sup>7</sup> Includes dredging.

<sup>8</sup> Includes mine conveying and elevating machinery.

<sup>9</sup> Not strictly comparable with figures for 1929.

<sup>10</sup> Includes parts and attachments.

Source: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures.



## No. 986.—ELECTRICAL MACHINERY GROUP—VALUE, BY CLASSES: 1933 TO 1939

(In thousands of dollars)

PRODUCT	1933	1935	1937	1939
<b>Electrical machinery, total</b>	<b>948, 671</b>	<b>1, 124, 848</b>	<b>1, 935, 844</b>	<b>1, 754, 068</b>
<b>Wiring devices and supplies</b>	<b>33, 949</b>	<b>62, 559</b>	<b>109, 529</b>	<b>109, 149</b>
Wiring devices	17, 706	24, 583	32, 003	34, 788
Wiring supplies	4, 702	12, 845	23, 667	25, 000
Insulators and insulating materials	(1)	(1)	1 6, 344	1 3, 924
Conduits and fittings	14, 602	23, 006	39, 443	38, 497
Lightning arresters and choke coils	1, 592	2, 871	5, 983	5, 412
Relays (excluding industrial motor-control and telephone)	100	664	2, 083	1, 421
<b>Carbon products for the electrical industry, and manufactures of carbon or artificial graphite</b>	<b>3, 997</b>	<b>12, 470</b>	<b>30, 432</b>	<b>18, 553</b>
Brushes and plates, rods, and powder for making brushes	2, 262	4, 150	5, 511	5, 330
Electrodes				10, 102
Other carbon and graphite products	0, 715	3, 820	13, 921	3, 123
<b>Electrical measuring instruments</b>	<b>3, 162</b>	<b>22, 822</b>	<b>39, 026</b>	<b>37, 145</b>
Measuring instruments and meters	9, 162	22, 822	36, 879	32, 680
Analyzers for testing the electrical and other equipment of internal-combustion engines and radio apparatus	(1)	(1)	2, 147	4, 466
<b>Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified</b>	<b>120, 961</b>	<b>241, 844</b>	<b>492, 735</b>	<b>464, 583</b>
Generating apparatus and parts, except railway and vehicle power generators	1 14, 129	1 40, 976	60, 952	46, 850
Transformers, current-limiting reactors, and feeder-voltage regulators (except measuring-instrument transformers)	1 13, 004	28, 881	63, 613	65, 064
Rotating converting apparatus	2, 201	5, 862	10, 928	4, 816
Motors, except railway and vehicle motors (not including starters and controllers)	45, 005	72, 668	153, 295	123, 050
Fractional-horsepower	1 23, 746	32, 365	71, 723	55, 037
Number	3, 818	7, 019	80, 666	11, 254
1 hp. and over	17, 197	34, 562	67, 400	32, 049
Direct-current	3, 622	8, 439	15, 029	11, 675
Alternating-current	1 13, 674	26, 073	51, 771	40, 375
Number	178	291	531	457
Other motors and parts and supplies	1 4, 063	1 5, 740	14, 172	15, 964
Control apparatus (except railway and vehicle controllers, all types)	15, 155	28, 230	47, 388	46, 040
Fuses and fuse blocks (except high-voltage and power types, 2,300 volts and over)	4, 625	5, 013	7, 117	6, 879
Industrial and commercial apparatus and appliances	9, 098	23, 747	40, 607	34, 901
Switchboard apparatus (circuit breakers, panelboards, switchboards, and switches)	18, 243	36, 188	88, 743	76, 083
Panelboards and distribution boards	(1)	7, 896	16, 692	14, 451
Knife, power, and other switches	(1)	5, 382	13, 649	15, 447
Circuit breakers, including attachments and parts	(1)	8, 019	22, 452	17, 199
Power switchboards and parts	(1)	9, 008	21, 221	18, 133
Power switching equipment, power connectors, and distribution cut-outs and fuse links for 2,300 to 15,000 volts, a. c. service	(1)	5, 894	14, 730	11, 752
<b>Electrical appliances</b>	<b>39, 770</b>	<b>20, 891</b>	<b>130, 783</b>	<b>124, 327</b>
Fans (direct motor-driven)	2, 437	5, 605	15, 565	8, 295
Domestic cooking and heating equipment and other household appliances	36, 707	72, 457	112, 151	112, 348
Water heaters (for permanent installation)	432	3, 530	5, 605	3, 453
Cooking and heating appliances	14, 735	31, 580	54, 615	48, 443
Mixers, whippers, and juicers	(1)	9, 737	7, 372	6, 646
Number	(1)	(1)	1, 053	1, 086
Vacuum cleaners	14, 411	24, 191	36, 029	44, 160
Number	566	1, 112	1, 515	1, 445
Other	7, 120	3, 410	8, 530	9, 646
Commercial cooking apparatus and other commercial or domestic appliances	625	1, 739	3, 067	3, 792
<b>Insulated wire and cable</b>	<b>45, 437</b>	<b>122, 228</b>	<b>245, 342</b>	<b>204, 430</b>
Rubber insulated	25, 780	46, 343	90, 432	67, 436
Cotton insulated, including weatherproof and slow-burning	7, 248	12, 344	22, 680	20, 856
Asbestos-insulated		3, 041	6, 530	4, 476
Paper-insulated	6, 032	6, 129	23, 420	20, 783
Varnished-cambric insulated	1, 979	4, 121	9, 140	5, 796
Magnet	10, 141	16, 890	29, 806	25, 431
Armored cable or conductor	4, 411	6, 845	8, 917	12, 985
Ignition-cable sets or wire assemblies for internal-combustion engines	(1)	(1)	13, 399	7, 714
Other	10, 090	24, 606	31, 028	38, 952

For footnotes, see next page.

## No. 986.—ELECTRICAL MACHINERY GROUP—VALUE, BY CLASSES: 1933 TO 1939—Continued

(In thousands of dollars)

PRODUCT	1933	1935	1937	1939
Automotive electrical equipment.....	22,464	65,528	114,143	194,624
Automotive generators for battery charging (not including automotive starter-motors).....	( <sup>1</sup> )	( <sup>1</sup> )	22,359	14,968
Automotive starter-motors, railway motors and control equipment, motors, generators, and control equipment for gasoline-electric and oil-electric buses, trucks, and locomotives, and for storage battery trucks.....	<sup>2</sup> 9,032	<sup>11</sup> 25,300	33,590	31,968
Ignition apparatus for internal-combustion engines.....	23,432	40,528	58,201	69,727
Electric lamps.....	49,849	64,774	77,891	79,894
Incandescent-filament lamps.....	<sup>11</sup> 49,849	62,709	74,304	73,119
Other lamps.....		2,072	3,588	6,785
Radios, radio tubes, and phonographs.....	119,235	296,623	288,629	264,474
Radio sets, complete (cabinet, chassis, speaker, and tubes).....	71,961	134,674	170,736	161,391
For home and general use (except radio-phonograph combinations and audio-television).....	56,240	104,816	131,426	111,846
Covering standard broadcast band.....	50,096	19,793	33,194	48,418
Number.....	2,781	1,437	2,890	2,361
Socket-power-operated.....	48,164	14,908	29,829	38,426
Number.....	2,689	1,240	2,045	4,308
Battery-operated (excluding batteries).....	1,932	4,885	3,365	12,993
Number.....	85	187	255	1,183
Extending beyond standard broadcast band.....	5,071	85,023	98,332	68,429
Number.....	116	2,967	3,463	8,866
Socket-power-operated.....	( <sup>1</sup> )	77,994	91,473	60,334
Number.....	( <sup>1</sup> )	2,701	3,290	2,533
Battery-operated (excluding batteries).....	( <sup>1</sup> )	7,029	6,860	3,106
Number.....	( <sup>1</sup> )	200	273	219
Not reported by kind.....	1,073			
Radio-phonograph combinations.....	1,408	2,461	4,567	17,193
Number.....	30	55	58	476
Automobile sets, including all accessory equipment.....	13,896	25,556	38,679	37,716
Number.....	700	1,322	1,891	1,867
All other receiving sets.....	715	1,841	1,983	4,634
Radio tubes (made for own use or for sale).....	27,027	31,362	42,767	35,575
Radio receiving tubes for use as initial equipment.....	9,345	16,621	23,789	22,935
Number.....	43,417	41,482	70,748	78,181
Radio receiving tubes for renewal and replacement.....	16,870	12,954	18,482	10,012
Number.....	36,449	36,769	41,472	21,397
Radio transmitting tubes.....	1,812	2,567	3,547	2,829
Number.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	180
Transmitters (including all associated equipment except tubes).....	1,363	5,770	8,879	7,333
Phonographs and accessories.....	2,973	6,061	15,493	<sup>12</sup> 48,917
Other.....	15,910	28,545	44,718	31,280
Communication equipment.....	27,612	97,612	193,611	168,867
Radio apparatus.....	( <sup>13</sup> )	31,882	56,695	82,593
Signaling apparatus, electric (other than railway).....	6,432	12,146	22,043	19,760
Telephone and telegraph apparatus (not including wireless).....	21,180	43,584	115,883	94,496
Batteries, storage and primary (dry and wet).....	67,444	65,718	103,877	111,317
Storage batteries.....	62,129	65,901	78,250	91,122
Dry batteries (cells).....	<sup>14</sup> 12,920	15,307	30,690	25,900
Wet primary batteries and parts and supplies for dry batteries and wet primary batteries.....	2,396	4,510	2,947	4,196
X-ray and therapeutic apparatus and electronic tubes.....	4,681	12,620	39,397	21,431
Electrotherapeutic and electromedical apparatus.....	4,380	4,690	6,534	6,326
X-ray apparatus (exclusive of X-ray tubes).....		4,563	9,785	10,506
Nonradio electronic tubes and X-ray tubes.....	<sup>15</sup> 293	2,777	4,098	4,600
Electrical products not elsewhere classified.....	63,910	56,722	100,451	83,928

<sup>1</sup> No data.<sup>2</sup> Includes porcelain and trolley-line insulators for 1937 and earlier years.<sup>3</sup> Includes automotive generators for battery charging; for 1937 and 1939, data are included in "Automotive electrical equipment" industry.<sup>4</sup> Includes radio transformers; for 1935, 1937, and 1939, data are included in radio apparatus in "Communication equipment" industry.<sup>5</sup> Includes motors which in later years are included in other motors and parts and supplies.<sup>6</sup> Includes motors not reported by kind. See note 5 also.<sup>7</sup> Other motors only; parts and supplies included with automotive starter motors in "Automotive electrical equipment" industry.<sup>8</sup> See note 3.<sup>9</sup> Automotive starter motors only.<sup>10</sup> Automotive starter motors and parts and supplies for other motors, see note 7.<sup>11</sup> Includes X-ray tubes; for later years data are included in nonradio electronic tubes and X-ray tubes in "X-ray and therapeutic apparatus and electronic tubes" industry.<sup>12</sup> Includes phonographs for electrical reproduction of records, included in prior years in "Other."<sup>13</sup> No data for radio parts. See note 4 also.<sup>14</sup> Includes parts and supplies.<sup>15</sup> See note 11.

Source: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures.

**No. 987.—FARM MACHINES AND EQUIPMENT (COMPLETE UNITS, ATTACHMENTS, AND PARTS)—SALES, BY CLASS: 1943 TO 1946**

[In thousands of dollars. Excludes data for tractors for nonfarm use]

CLASS	1943	1944	1945	1946
<b>Total</b> .....	<b>378,341</b>	<b>659,014</b>	<b>750,547</b>	<b>886,451</b>
Farm machines and equipment (complete units).....	233,077	468,387	533,950	658,452
Attachments and parts.....	145,264	190,627	216,597	227,999
<b>COMPLETE UNITS, ATTACHMENTS, AND PARTS</b>				
Plows and listers.....	25,197	35,886	40,163	45,658
Harrows, rollers, pulverizers, and stalk cutters.....	10,824	22,514	22,599	32,414
Planting, seeding, and fertilizing machinery.....	16,358	35,110	43,286	52,062
Cultivators and weeders.....	16,172	30,713	33,567	34,203
Sprayers and dusters.....	8,366	13,085	14,715	24,274
Harvesting machinery.....	49,270	79,786	99,361	110,545
Haying machinery.....	26,115	44,743	49,456	57,839
Machines for preparing crops for market or for use.....	14,567	21,311	25,230	34,685
Farm elevators and blowers.....	3,495	4,585	6,144	11,121
Tractors for farm use.....	114,691	247,112	262,999	303,006
Farm wagons, trucks, and other farm transportation equipment.....	6,685	10,913	15,864	27,426
Farm dairy machines and equipment.....	25,024	36,127	46,752	49,548
Barn equipment.....	4,836	6,966	7,087	9,626
Barnyard equipment.....	4,052	7,184	8,087	8,792
Farm poultry equipment.....	17,969	21,326	24,868	23,928
Miscellaneous farm equipment.....	34,700	41,633	50,369	61,324

Source: Department of Commerce, Bureau of the Census; published in Facts for Industry Series M35A.

**No. 988.—FARM MACHINES AND EQUIPMENT, ATTACHMENTS, AND PARTS—SALES: 1929 to 1946**

[In thousands of dollars. Includes data for tractors for nonfarm use; for figures excluding these data, see table 987. Survey suspended 1932-34]

YEAR	Total	Farm machines and equipment	Attachments and parts	YEAR	Total	Farm machines and equipment	Attachments and parts
1929.....	517,015	434,754	82,261	1939.....	420,797	330,894	89,903
1930.....	439,812	361,218	78,594	1940.....	497,823	396,371	101,452
1931.....	223,427	171,731	51,696	1941.....	671,398	538,963	132,435
1935.....	294,546	234,959	59,587	1942.....	659,028	447,187	211,841
1936.....	402,875	327,941	74,934	1943.....	636,989	375,869	261,120
1937.....	517,475	436,678	80,797	1944.....	1,067,840	731,220	336,620
1938.....	435,806	346,133	89,673	1945.....	1,046,926	740,867	306,059
				1946.....	1,015,862	733,078	282,784

Source: Department of Commerce, Bureau of the Census; published in Facts for Industry Series M35A.

No. 989.—TRACTORS, ATTACHMENTS, AND PARTS (FARM AND NONFARM)—SALES,  
BY KIND: 1943 TO 1947

[Value in thousands of dollars]

YEAR AND TYPE OF PRODUCT	Total value	COMPLETE UNITS				ATTACHMENTS AND PARTS	
		Farm		Nonfarm		Farm value	Non- farm value
		Number	Value	Number	Value		
Total:							
1943.....	373, 340	107, 009	64, 030	37, 120	142, 793	50, 662	115, 853
1944.....	655, 938	258, 117	170, 153	53, 877	262, 832	76, 959	145, 994
1945.....	559, 378	263, 164	177, 578	52, 488	206, 917	85, 421	89, 462
1946.....	449, 561	364, 725	221, 840	32, 119	77, 292	94, 684	55, 745
1947.....	720, 316	578, 048	385, 170	47, 572	124, 625	139, 780	70, 741
Wheel type:							
1943.....	101, 361	94, 550	55, 944	9, 317	7, 273	35, 874	2, 270
1944.....	236, 395	235, 453	157, 519	14, 502	12, 594	59, 007	7, 273
1945.....	250, 069	224, 985	153, 170	18, 707	15, 726	74, 695	6, 478
1946.....	279, 470	243, 271	180, 363	12, 067	11, 909	80, 360	6, 838
1947.....	464, 802	405, 654	325, 090	14, 350	17, 478	114, 818	7, 416
Tracklaying type:							
1943.....	269, 959	2, 906	6, 688	27, 746	135, 506	14, 211	112, 554
1944.....	416, 137	6, 221	10, 415	38, 966	250, 168	16, 866	138, 698
1945.....	303, 269	11, 149	20, 974	32, 849	191, 033	8, 400	82, 862
1946.....	142, 150	8, 898	18, 118	17, 367	64, 817	10, 569	48, 646
1947.....	211, 242	11, 619	28, 197	25, 988	106, 018	14, 257	62, 770
Garden type:							
1943.....	2, 020	9, 553	1, 398	57	14	577	31
1944.....	3, 406	16, 443	2, 219	409	70	1, 086	31
1945.....	6, 040	27, 030	3, 434	932	158	2, 326	122
1946.....	27, 941	112, 556	23, 359	2, 685	566	3, 755	261
1947.....	44, 272	160, 775	31, 883	7, 234	1, 129	10, 705	555

Source: Department of Commerce, Bureau of the Census; published in Facts for Industry Series M37A.

No. 990.—MACHINE TOOLS—SHIPMENTS BY MAJOR TYPES: 1939 TO 1946

[Includes light type machine tools, particularly in drilling machines, lathes, grinding and polishing machines, and milling machines. Excludes machine tools specifically designed for home workshops, model makers, garages, and service shops. Data represent complete coverage except for last half of 1944 when coverage was approximately 95 percent]

MAJOR TYPE	VALUE OF SHIPMENTS (\$1,000)			1946		
	1939 <sup>1</sup>	1942 <sup>2</sup>	1944 <sup>3</sup>	Number of com- panies <sup>3</sup>	Shipments	
					Number	Value (\$1,000)
Total.....	166, 644	1, 321, 748	497, 465	344	181, 051	327, 222
Boring machines.....	14, 167	137, 472	44, 321	39	1, 888	27, 454
Broaching machines.....	2, 296	9, 022	3, 151	7	573	4, 657
Drilling machines.....	12, 373	103, 726	46, 623	51	26, 704	33, 970
Gear cutting and finishing machines.....	11, 242	51, 864	28, 962	17	1, 852	17, 870
Grinding and polishing machines (except gear tooth grinding, honing, lapping, and buffing).....	30, 273	209, 345	85, 433	128	55, 632	54, 352
Lathes.....	50, 108	455, 250	168, 780	84	53, 284	103, 453
Milling machines.....	24, 216	246, 223	71, 015	68	10, 857	41, 367
Planers.....	4, 484	29, 931	10, 962	6	206	4, 853
Shapers (except gear shapers).....	1, 892	78, 915	38, 218	16	2, 110	7, 159
All other machine tools.....	15, 593			117	27, 945	32, 086

<sup>1</sup> Value of production from Census of Manufactures.  
<sup>2</sup> Only machine tools with a value of \$350 or over are included.  
<sup>3</sup> Number shipping machine tools is less for total than sum of companies shipping individual major types since some producers ship more than one major type of tool.

Source: 1939 and 1946, Department of Commerce, Bureau of Census; 1942 and 1944, War Production Board. Published in part in Facts for Industry Series M34A.

**o. 991.—AIR CONDITIONING AND COMMERCIAL REFRIGERATION EQUIPMENT—  
SHIPMENTS BY MANUFACTURERS: 1940 TO 1947**

Value figures in thousands of dollars. Statistics cover types normally sold as standard items and more important types of components and accessories. Data include a very limited amount of certain types specifically designed for special uses. Excluded are less important components and accessories such as switches, dehydrators, accumulators, valves, and surge drums and tanks. Companies included represent substantially all producers of equipment shown]

PRODUCT	SHIPMENTS OF COMPLETE UNITS					
	1940		1944		1945	
	Number	Value	Number	Value	Number	Value
<b>Total unitary equipment.....</b>	<b>338,796</b>	<b>76,141</b>	<b>153,026</b>	<b>52,594</b>	<b>214,833</b>	<b>67,791</b>
Walk-in coolers.....	5,156	2,706	5,682	5,082	6,960	6,801
Reach-in refrigerators.....	20,642	5,475	24,300	6,983	36,734	11,965
Bottled beverage-cooling equipment.....	78,397	11,254	929	283	6,493	1,409
Bulk beverage-dispensing equipment.....	20,504	4,571	329	221		
Display cases.....	36,363	16,281	7,600	4,186	9,520	5,145
Soda fountain equipment and ice cream cabinets.....	84,855	18,617	6,873	3,204	8,974	3,356
Soda fountain equipment.....	8,265	4,877	503	372	1,555	780
Ice cream cabinets, hardening and dispensing.....	74,281	11,940	2,660	641	7,419	2,576
Counter freezers.....	2,309	1,800	3,710	2,190		
Frozen food cabinets.....	9,608	1,959	2,289	754	6,861	1,803
Arm and dairy-milk coolers.....	(1)	(1)	28,552	4,756	38,601	5,818
Drinking-water coolers.....	44,846	4,632	55,895	6,562	82,915	10,506
Laboratory and industrial freezing equipment.....	(1)	(1)	1,100	931	1,123	673
Ice-making machines.....	1,045	628	3,665	3,351	2,805	4,044
Air-conditioning units—store type.....	5,880	4,467	4,468	3,615	13,847	10,903
Absorption systems.....	(2)	831	(2)	2,410	(2)	5,368
Special refrigeration units and systems for war purposes.....			11,015	10,183	(2)	(2)
Miscellaneous air-conditioning and refrigeration equipment.....	31,500	4,719	329	71	(2)	(2)

PRODUCT	TOTAL SHIP- MENTS <sup>1</sup>		DOMESTIC SHIP- MENTS		TOTAL SHIP- MENTS <sup>2</sup>		DOMESTIC SHIP- MENTS	
	Number	Value	Number	Value	Number	Value	Number	Value
	1940				1945			
<b>Total components and acces- sories.....</b>		<b>45,405</b>		<b>42,483</b>		<b>71,896</b>		<b>67,885</b>
Condensing units.....	211,021	18,808	197,564	17,423	354,401	36,902	338,157	34,449
Ammonia refrigerants.....	985	964	902	893	1,785	2,503	1,642	2,334
Refrigerants except ammonia.....	210,036	17,844	196,662	16,530	352,616	34,399	336,515	32,115
Air-cooled.....	187,468	12,313	175,153	11,323	327,031	23,378	313,058	22,212
Water-cooled.....	22,568	5,531	21,509	5,207	25,585	11,021	23,457	9,904
Compressors and compressor units.....	84,889	7,084	63,096	6,344	107,340	9,578	104,051	8,852
Centrifugal refrigeration machines.....	112	2,404	101	2,237	185	2,993	181	2,932
Heat-exchanger equipment.....		17,110		16,478		22,422		21,652
Evaporative condensers.....	2,413	1,769	2,212	1,666	2,885	2,829	2,664	2,609
Unit coolers.....	63,417	7,076	60,826	6,721	91,003	10,187	88,153	9,870
Other heat-exchanger equipment.....		8,265		8,091		9,407		9,173
	1946				1947			
<b>Total components and acces- sories.....</b>		<b>117,800</b>		<b>111,663</b>		<b>182,411</b>		<b>166,753</b>
Condensing units.....	755,538	55,380	725,119	51,973	1,201,524	87,551	1,135,750	79,400
Ammonia refrigerants.....	1,409	1,464	1,281	1,324	1,646	2,107	1,426	1,862
Refrigerants except ammonia.....	754,129	53,915	723,838	50,649	1,199,878	85,444	1,134,324	77,538
Air-cooled.....	712,781	40,340	685,068	37,864	1,157,777	69,572	1,095,869	63,330
Water-cooled.....	41,348	13,575	38,750	12,785	42,101	15,872	38,455	14,208
Compressors and compressor units.....	191,770	15,377	178,273	14,281	662,783	36,792	619,787	33,168
Centrifugal refrigeration machines.....	312	6,593	295	6,319	328	7,692	277	6,818
Heat-exchanger equipment.....		40,451		39,090		50,376		47,368
Evaporative condensers.....	4,859	4,957	4,536	4,639	5,997	7,106	5,555	6,650
Unit coolers.....	190,552	18,203	186,966	17,633	141,163	19,611	129,560	18,134
Other heat-exchanger equipment.....		17,291		16,818		23,658		22,583

<sup>1</sup> Not called for separately.

<sup>2</sup> Not available.

<sup>3</sup> Includes export shipments, not shown separately.

Source: Department of Commerce, Bureau of the Census; published in Facts for Industry Series M52A.

## No. 992.—MOTION-PICTURE PRODUCTION—SUMMARY: 1921 TO 1939

[All money figures are in thousands of dollars. Represents activities of motion-picture studios and laboratories. Excludes distribution of films and their projection in theaters. No data included for establishments which reported less than \$5,000 as cost of work done. The motion-picture industry has been canvassed, since 1921, in connection with the Biennial Census of Manufactures. It is not, however, a manufacturing industry, but was treated as such prior to 1931]

YEAR AND STATE	Number of establishments	PERSONS ENGAGED		SALARIES AND WAGES		Cost of contract work	Cost of studio supplies, fuel, etc. <sup>1</sup>	Cost of production
		Salaried officers and employees	Wage earners (average for year)	Salaries	Wages			
UNITED STATES								
1921	127	4,400	6,269	22,953	14,740	563	31,190	77,397
1923	97	3,496	6,406	21,824	16,601	1,609	30,637	64,413
1925	132	5,945	5,573	35,951	13,066	5,369	33,258	93,636
1927	142	7,698	8,415	56,209	18,637	15,477	34,367	134,343
1929	142	8,818	10,784	60,168	24,860	11,312	36,441	154,102
1931	140	14,839	14,839	70,637	70,637	12,016	32,222	154,435
1933	92	8,200	10,777	52,948	18,395	4,028	26,153	119,343
1935	129	12,678	14,917	79,743	24,686	5,145	29,641	161,865
1937	83	13,000	19,336	102,303	37,156	7,013	35,575	197,741
1939	178	9,035	24,052	93,341	45,736	3,645	43,082	215,700
STATES, 1939								
California	93	8,690	21,573	89,885	41,096	2,024	31,118	184,640
Los Angeles	65	4,654	9,597	43,660	19,701	832	20,464	96,330
Remainder of State	28	4,136	11,976	46,205	21,396	1,192	10,654	91,539
Illinois	9	53	72	182	97	2	226	530
Michigan	5	125	138	335	334	35	690	1,765
Missouri	5	20	11	43	9	1	33	173
New York	43	577	1,268	2,478	2,397	1,532	6,541	18,080
Other States	23	170	990	487	1,803	51	4,455	3,226

## KIND AND COST OF WORK DONE

ITEM	1933	1935	1937	1939	ITEM	1933	1935	1937	1939
Total cost of work done	119,343	161,865	197,741	215,700	Unfinished productions, cost	14,581	15,684	33,075	28,304
Negative films, cost	62,290	116,673	131,755	148,632	Laboratory work:				
Theatrical:					Positive films, cost	7,625	6,046	3,218	6,416
Number	1,059	1,094	3,942	( <sup>4</sup> )	Receipts for work done for others	11,636	15,089	15,318	18,594
Cost	77,538	110,975	126,039	142,602	Value of other work done	1,520	1,818	3,468	2,337
Advertising, cost	4,576	4,940	4,540	1,703	Receipts for use of studio facilities	1,502	4,554	707	1,420
Industrial, cost		( <sup>5</sup> )		2,175					
Educational, cost	168	324	1,176	726					
Other films, cost		2,434		1,426					

<sup>1</sup> Includes cost of studio supplies, containers for films, fuel, and purchased electric energy.

<sup>2</sup> Data cover "productive employees" only. These include all wage earners and a part, but not all, of the salaried employees. Figures are not, therefore, comparable with either the wage-earner figures or with the total number of persons engaged. Data for other years cover all classes of employees.

<sup>3</sup> Does not include data for salaried officers of corporations.

<sup>4</sup> Data incomplete.

<sup>5</sup> "News reels" included with "advertising."

<sup>6</sup> Figure for "industrial" included in that for "other films."

<sup>7</sup> Combined to avoid disclosing approximations of data for individual establishments.

Source: Department of Commerce, Bureau of the Census; Biennial Census report, Motion Pictures.



## No. 993.—ALASKA—MANUFACTURES, BY INDUSTRIES: 1899 TO 1939

[Figures for 1939 do not include data for plants reporting products valued at less than \$2,000; those for earlier years cover all plants having products valued at \$500 or more. This increase in minimum value-of-products limit resulted in some reduction in "Number of establishments" reported as compared with what it would have been had minimum of \$500 been retained, but did not seriously impair comparableness of figures for 1939 with those for earlier years. Comparable figures for earlier years are given for all industries for which such figures are available]

INDUSTRY	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, etc., fuel, electric energy	Value of products	Value added by manufacture <sup>1</sup>
				Dollars	Dollars	Dollars	Dollars
All industries, total.....	<sup>1</sup> 1939	236	4,816	8,583,968	20,918,757	38,315,438	17,886,679
	1919	147	6,676	8,839,462	19,482,485	41,495,943	22,012,758
	1909	152	3,099	1,948,026	5,119,613	11,340,105	6,220,492
	1899	48	2,260	1,374,680	1,762,583	4,194,421	2,431,838
Boat building and repairing.....	1939	7	34	23,950	59,800	149,739	69,989
	1909	6	8	2,440	3,139	10,330	7,191
Bread and other bakery products..	1939	34	51	67,497	233,216	408,464	175,248
	1909	8	24	41,900	71,099	141,110	70,011
Fish canning and processing.....	1939	140	4,308	8,238,175	19,990,289	36,367,663	16,377,374
	1919	104	6,085	8,136,659	18,535,578	39,160,922	20,625,344
	1909	46	2,717	1,457,587	4,053,094	9,189,982	5,136,888
	1899	36	2,092	<sup>1</sup> 1,243,000	<sup>2</sup> 1,588,000	<sup>3</sup> 3,821,000	<sup>2</sup> 2,233,000
Ice, manufactured.....	1939	4	12	18,566	10,080	77,776	67,696
Lumber and timber products.....	1939	21	250	287,378	309,416	900,111	590,695
	1919	22	222	327,292	311,439	950,256	638,517
	1909	22	131	108,201	168,504	400,272	231,768
	1899	10	78	<sup>2</sup> 56,000	<sup>2</sup> 67,000	<sup>2</sup> 158,000	<sup>2</sup> 88,000
Machine shops.....	1939	7	10	20,250	44,951	112,702	67,751
Printing and publishing.....	1939	15	109	129,701	81,916	415,877	333,961
	1909	16	64	100,403	38,392	228,192	191,808
All other industries.....	1939	<sup>4</sup> 13	40	48,473	187,089	383,104	196,015
	1919	21	268	375,501	635,468	1,384,065	748,597
	1909	64	156	237,495	787,365	1,370,219	582,834
	1899	2	90	<sup>1</sup> 76,000	<sup>2</sup> 106,000	<sup>2</sup> 218,000	<sup>2</sup> 110,000

<sup>1</sup> Value of products less cost of materials, etc., fuel, and purchased electric energy.

<sup>2</sup> Figures for 1939 cover the 12-month period ended Sept. 30, 1939.

<sup>3</sup> Exact figures not available.

<sup>4</sup> Beverages, nonalcoholic, 1 establishment; concrete products, 2; confectionery, 1; ice cream, 2; liquors, malt, 2; sheet-metal work, 2; wire netting, 2. Figures for these industries are combined to avoid disclosing data reported by individual establishments.

Source: Department of Commerce, Bureau of the Census; reports of Census of Manufactures, 1939.

## No. 994.—HAWAII—MANUFACTURES, BY INDUSTRIES: 1899 TO 1939

[See headnote, table 993]

INDUSTRY	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, etc., fuel, electric energy, manual work	Value of products	Value added by manufacture <sup>1</sup>
				Dollars	Dollars	Dollars	Dollars
All industries, total.....	1939	474	17,662	11,458,311	75,651,678	124,066,364	58,363,589
	<sup>1</sup> 1919	496	9,969	6,636,763	81,178,956	133,096,412	51,917,456
	<sup>2</sup> 1909	500	5,904	2,108,903	25,817,734	47,403,680	21,688,146
	<sup>2</sup> 1899	222	3,655	1,473,000	12,261,000	23,354,000	11,103,000
Food and kindred products: <sup>3</sup>							
Bread and other bakery products..	1939	76	534	413,588	1,625,458	2,949,064	1,323,606
	1919	30	195	87,958	826,838	1,129,294	302,456
	1909	46	107	35,560	219,575	343,820	123,945
	1899	8	4	1,000	5,000	10,000	5,000
Beverages, alcoholic (distilled liquors, malt liquors, sake, and wines). <sup>4</sup>	1939	<sup>5</sup> 9	264	249,569	705,194	2,118,907	1,413,713
Beverages, nonalcoholic.....	1939	27	121	97,355	356,302	816,235	459,933
	1919	32	167	88,534	251,763	518,569	266,806
	1909	22	83	35,391	74,312	194,273	119,961
	1899	7	25	11,000	25,000	89,000	64,000

For footnotes see p. 893.

## No. 994.—HAWAII—MANUFACTURES, BY INDUSTRIES: 1899 TO 1939—Continued

INDUSTRY	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, etc., fuel, electric energy, contract work	Value of products	Value added by manufacture <sup>1</sup>
				Dollars	Dollars	Dollars	Dollars
<b>Food and kindred products—Con.</b>							
Cane sugar <sup>2</sup> .....	1939	35	4,371	2,894,420	30,482,432	49,250,987	18,708,555
	1919	43	3,143	2,027,123	45,899,268	80,236,244	24,336,976
	1909	46	2,517	781,280	18,721,621	35,949,832	17,238,301
	1899	44	2,369	748,000	9,778,000	19,265,000	9,477,690
Coffee deperchmentizing.....	1939	9	39	19,555	401,422	464,321	62,899
	1919	10	39	20,516	875,463	1,050,752	175,269
	1909	5	71	12,100	250,705	297,208	46,548
	1899	6	47	9,000	60,000	95,000	25,000
Confectionery.....	1939	9	25	17,891	55,176	98,354	42,178
	1919	20	102	51,279	393,147	587,330	194,181
	1909	6	21	8,330	23,574	43,162	19,898
Fruit canning and preserving....	1939	18	7,949	4,577,867	24,549,416	48,692,282	24,142,686
	1919	9	2,855	1,391,522	10,772,745	18,997,978	8,238,236
	1909	10	816	174,502	926,591	1,691,078	664,482
Canned pineapple and pineapple juice.	1939	9	7,900	4,552,657	24,482,106	48,540,806	24,078,701
Jellies, preserves, etc.....	1939	9	49	25,200	87,311	151,476	64,186
Ice cream.....	1939	10	111	89,004	598,154	1,262,777	664,628
Ice, manufactured.....	1939	6	66	85,797	42,940	228,642	186,702
	1909	5	40	23,963	21,396	107,111	65,736
	1899	4	19	12,000	16,000	57,000	41,000
Macaroni and noodles.....	1939	8	26	16,499	40,803	85,067	45,564
	1919	4	17	8,936	76,517	97,799	31,282
Native foods.....	1939	66	121	64,080	331,861	599,010	267,146
Fish cakes.....	1939	4	26	18,967	67,821	110,006	42,084
Poi.....	1939	34	86	39,283	173,283	343,561	170,278
Sugar and rice cakes.....	1939	8	4	2,184	68,725	103,136	26,411
Tofu.....	1939	10	5	3,646	21,932	40,306	18,376
Pickled fruits and vegetables; vegetable sauces.	1939	6	4	1,337	16,390	38,224	21,834
	1919	3	4	1,447	22,816	34,481	11,656
	1909	6	13	2,522	17,133	33,572	16,439
Potato chips; taro chips.....	1939	6	17	9,433	23,621	45,372	21,751
Chemicals and fertilizers.....	1939	6	189	180,984	1,525,294	2,160,108	634,814
Clothing, men's (including shirts) and women's.	1939	16	303	149,126	479,079	777,089	298,010
	1919	15	26	11,868	37,990	79,492	41,442
	1909	4	3	600	3,965	7,630	3,645
Concrete products; stone products; lime; pottery. <sup>4</sup>	1939	*7	122	107,366	440,146	810,871	276,725
Footwear.....	1939	6	34	17,899	55,178	88,929	33,751
	1919	12	23	12,513	33,622	64,419	20,797
	1909	14	81	17,189	78,120	126,478	48,355
	1899	14	39	11,000	20,000	47,000	27,000
Furniture.....	1939	12	71	66,348	97,951	243,247	146,296
	1919	5	10	9,345	8,523	29,169	20,646
	1909	6	54	14,741	38,683	69,752	31,089
Furniture, household (except upholstered).	1939	4	9	7,264	6,876	23,036	16,160
Furniture, upholstered.....	1939	4	24	28,088	54,629	128,458	73,829
Furniture and fixtures, office and store	1939	4	29	30,996	36,446	91,753	55,307
Iron castings, steel products, machine-shop products. <sup>4</sup>	1939	*7	95	117,639	148,708	358,163	209,455
Jewelry, silverware, electroplating <sup>4</sup>	1939	*8	28	29,447	21,757	106,419	84,662
	1919	6	36	26,414	46,432	107,963	61,531
	1909	6	54	24,143	51,006	111,335	60,329
Mattresses and bed springs.....	1939	5	18	11,610	56,677	94,605	37,928
	1919	5	15	11,844	30,389	54,035	23,646
	1909	6	21	7,511	16,137	37,906	21,771
Picture frames; Venetian blinds <sup>4</sup> ...	1939	*4	36	31,722	62,572	155,964	73,412
Planing-mill products <sup>13</sup> .....	1939	10	161	181,556	462,558	824,496	361,940
	1919	8	135	118,717	422,916	612,906	189,990
	1909	8	254	109,647	97,459	281,326	183,866
	1899	3	35	22,000	42,000	91,000	49,000
Printing, publishing, and allied activities.	1939	66	783	890,421	963,976	4,147,337	3,183,361
	1919	49	576	407,055	377,109	1,338,955	961,846
	1909	37	319	145,830	102,442	434,779	232,337
	1899	10	122	22,000	33,000	200,000	167,000
Newspaper publishing and printing, or publishing only.	1939	26	573	635,178	570,920	2,928,138	2,357,218

For footnotes, see p. 893.

## No. 994.—HAWAII—MANUFACTURES, BY INDUSTRIES: 1899 TO 1939—Continued

INDUSTRY	Census year	Num-ber of estab-lish-ments	Wage earners (aver-age for the year)	Wages	Cost of materials, etc., fuel, electric energy, contract work	Value of products	Value added by manufac-ture <sup>1</sup>
Printing, publishing, and allied activities—Con.				<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Periodical publishing and printing, or publishing only.....	1939	6	8	5, 293	19, 001	42, 073	23, 072
Book publishing and printing or publishing only; job printing; lithographing; photoengraving <sup>4</sup>	1939	<sup>13</sup> 25	203	238, 950	374, 055	1, 177, 126	803, 071
Signs, neon.....	1939	3	7	8, 492	19, 528	45, 766	26, 238
Soap.....	1939	3	3	1, 639	8, 592	20, 347	11, 755
Wood products, not elsewhere classified.....	1939	8	95	50, 826	37, 365	108, 576	71, 211
All other industries.....	1939	<sup>14</sup> 48	1, 422	1, 086, 672	12, 022, 425	17, 413, 083	5, 390, 658
	1919	245	2, 636	2, 361, 687	21, 103, 448	28, 157, 119	7, 053, 671
	1909	273	1, 450	716, 624	5, 175, 025	7, 774, 880	2, 599, 855
	1899	126	975	637, 000	2, 272, 000	3, 510, 000	1, 238, 000

<sup>1</sup> Value of products less cost of materials, etc., fuel, purchased electric energy, and contract work.

<sup>2</sup> Figures include data for coffee roasting and spice grinding which are no longer treated as manufacturing activities.

<sup>3</sup> Except butter and cheese, canned tuna, rice cleaning and polishing, meat packing and sausage manufacturing, and vegetable oils and sirups. See note 14.

<sup>4</sup> Combined to avoid disclosing, exactly or approximately, data for individual establishments or companies.

<sup>5</sup> Distilled liquors, 1 establishment; malt liquors, 2; sake, 5; wines, 1.

<sup>6</sup> Figures for this industry relate solely to sugar mills, and do not include data for sugarcane plantations.

<sup>7</sup> Reported as confectionery and ice cream.

<sup>8</sup> Concrete products, 2 establishments; stone products, 2; lime, 2; pottery, 1.

<sup>9</sup> Iron castings, 1 establishment; steel products, 4; machine-shop products, 2.

<sup>10</sup> Jewelry, 6 establishments; silverware, 1; electroplating, 1.

<sup>11</sup> Picture frames, 1 establishment; Venetian blinds, 3.

<sup>12</sup> Products of planing mills not operated in conjunction with sawmills.

<sup>13</sup> Book publishing and printing, or publishing only, 2 establishments; job printing, 21; lithographing, 1; photoengraving, 1.

<sup>14</sup> Boat building and repairing, 5 establishments; brooms, 2; butter and cheese, 3; canned tuna, 3; caskets, 1; cushions, pillows, and quilts, 1; drugs, medicines, perfumes, 3; insulation board, 1; lighting fixtures, 1; machinery, farm, 1; machinery, sugar-mill, 1; mats, 1; meat packing, sausage manufacturing, 6; paper goods, 5; prepared feeds, 1; rice cleaning and polishing, 2; skirts, hula, 1; suitcases and trunks, 1; tin cans, 7; vegetable oils and sirups, 2. Figures for these industries are combined to avoid disclosing data reported by individual establishments.

Source: Department of Commerce, Bureau of the Census; reports of Census of Manufactures, 1939.

## No. 995.—PUERTO RICO—MANUFACTURES, BY INDUSTRIES: 1900 TO 1939

[See headnote table 995]

INDUSTRY	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, etc. (fuel, electric energy, contract work)	Value of products	Value added by manufacture <sup>1</sup>
				Dollars	Dollars	Dollars	Dollars
All industries, total.....	1939	798	23,484	9,220,251	76,280,773	111,490,641	36,218,808
	1919	619	15,985	5,765,004	50,085,058	85,504,834	25,621,776
	1909	939	15,582	3,639,196	21,500,618	36,749,742	15,248,124
Food and kindred products: <sup>2</sup>							
Bread and other bakery products	1939	219	1,470	530,573	1,853,111	3,067,773	1,214,602
	1919	152	880	514,140	3,426,050	4,761,192	1,323,142
	1909	258	1,197	366,107	1,173,745	1,720,886	584,141
Bread and other bakery products, except crackers.	1939	212	1,143	460,129	1,614,952	2,636,533	1,021,501
Crackers .....	1939	7	327	70,444	238,159	431,240	193,081
Beverages, nonalcoholic.....	1939	10	93	30,702	145,466	277,014	121,546
	1919	11	56	20,739	49,647	124,402	84,756
Candy; chocolate and cocoa.....	1939	6	42	10,620	79,646	108,669	29,012
	1909	4	12	3,086	26,814	39,969	12,165
Cane sugar—except refineries <sup>3</sup> ...	1939	40	7,765	4,501,813	38,890,800	53,377,402	16,426,002
	1919	56	7,490	2,832,022	40,129,359	56,411,932	16,272,573
	1909	108	5,062	1,227,685	12,280,994	20,669,349	8,288,254
Cane-sugar refining <sup>4</sup> .....	1939	4	1,893	239,313	10,340,938	12,510,477	2,169,589
Canned fruits and vegetables.....	1939	5	304	35,432	135,375	239,149	103,774
	1909	4	48	4,831	26,920	28,003	11,073
Cheese .....	1939	3	9	3,020	26,795	48,968	12,183
Corn meal .....	1939	4	8	2,180	21,991	30,241	8,250
	1919	10	11	5,065	84,558	118,916	21,358
	1909		4	597	9,017	12,401	2,384
Ice cream and ices.....	1939	6	27	11,960	43,564	70,927	27,343
Ice, manufactured.....	1939	25	283	107,939	116,697	600,765	382,068
	1919	13	86	35,882	56,112	248,889	162,777
	1909	6	38	9,955	29,427	99,927	70,609
Liquors, distilled .....	1939	9	340	152,695	930,927	1,918,034	988,007
	1909	14	58	15,871	144,129	1,117,084	972,955
Liquors, rectified or blended ..	1939	28	316	89,754	1,580,465	2,198,363	647,896
Vermicelli, soup paste, and noodles.	1939	8	164	69,156	249,382	420,844	171,463
Wines .....	1939	4	43	8,026	25,932	46,137	20,205
Caskets .....	1939	6	8	2,568	6,439	16,735	10,296
Drugs and medicines.....	1939	13	64	19,025	91,771	180,504	88,733
	1919	10	20	7,333	116,479	193,181	76,702
Fertilizers .....	1939	8	235	107,792	3,163,781	3,863,043	609,262
Furniture and showcases.....	1939	45	687	171,649	379,336	744,202	364,866
Leather and leather goods.....	1939	12	53	15,890	54,999	98,920	44,031
	1919	31	140	67,558	185,878	326,595	140,717
	1909	66	358	72,539	191,229	370,463	179,234
Lime.....	1939	8	90	27,203	62,407	150,777	88,379
	1919	19	62	19,074	21,189	58,014	36,655
	1909	12	28	2,842	7,812	14,149	6,337
Machinery.....	1939	8	475	271,972	498,548	1,146,696	638,148

For footnotes, see p. 896.

No. 995.—PUERTO RICO—MANUFACTURES, BY INDUSTRIES: 1909 TO 1939—  
Continued

INDUSTRY	Census year	Num- ber of estab- lish- ments	Wage earners (aver- age for the year)	Wages	Cost of materials, etc., fuel, electric energy, contract work	Value of products	Value added by manufac- ture <sup>1</sup>
				<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Metal products.....	1939	<sup>7</sup> 11	144	63,735	53,890	170,237	116,347
	1919	5	271	192,610	388,077	749,268	361,191
	1909	6	188	63,556	57,634	178,210	120,576
Needlework industries.....	1939	136	6,378	1,575,814	<sup>9</sup> 13,323,273	<sup>10</sup> 20,778,267	<sup>11</sup> 7,454,994
Perfumes, cosmetics, and other toilet preparations.	1939	13	74	19,690	141,850	234,978	93,128
Planing-mill products <sup>12</sup> .....	1939	12	110	55,131	129,285	258,390	129,105
	1909	8	123	39,996	178,418	268,719	90,301
Printing, publishing, and allied activities.	1939	59	654	329,217	559,860	1,606,975	1,047,115
	1919	35	311	187,100	260,638	671,587	410,949
	1909	43	353	97,720	146,772	370,559	223,787
Newspapers.....	1939	12	201	119,676	250,669	840,978	590,309
Periodicals.....	1939	5	50	35,121	51,626	131,252	79,626
Books; job printing; photo- engraving.	1939	<sup>13</sup> 42	402	174,420	257,565	634,745	377,180
Stone and clay products.....	1939	15	164	62,045	95,168	254,623	159,455
	1919	8	21	6,771	5,242	30,063	24,821
Floor and wall tiles (except quarry).	1939	9	117	45,742	58,898	132,365	73,467
Brick and hollow structural tile; sewer pipe; other concrete and stone products.	1939	<sup>14</sup> 6	47	16,303	36,270	122,258	85,968
Textile products and other fibre manufactures.	1939	<sup>15</sup> 10	308	161,591	290,116	571,023	280,907
Tobacco products.....	1939	47	445	123,615	451,554	740,694	289,140
	1919	183	5,098	2,267,204	3,039,541	8,134,534	5,094,993
	1909	282	7,025	1,479,567	2,059,315	6,060,393	4,001,078
Cigars and cigarettes.....	1939	42	415	119,706	435,681	713,484	277,803
Tobacco, chewing and smoking...	1939	5	30	3,909	15,873	27,210	11,337
Other industries.....	1939	<sup>16</sup> 26	847	420,231	2,575,607	3,868,024	1,292,417
	1919	87	1,539	610,089	12,182,318	13,671,261	1,488,943
	1909	123	1,088	254,934	5,168,382	5,880,631	712,249

<sup>1</sup> Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work.

<sup>2</sup> Figures include data for coffee cleaning and polishing, which is now treated as an agricultural activity and therefore was not covered by the 1939 Census of Manufactures.

<sup>3</sup> Except "Liquors, malt," and "Foods, miscellaneous." See footnote 16.

<sup>4</sup> The figures for this industry do not include data for sugar-cane plantations.

<sup>5</sup> Household furniture, 40 establishments; mattresses, 2; office furniture, 1; show cases, 2.

<sup>6</sup> Footwear, except rubber, 9 establishments; leather, tan, 1; saddlery, 1; other goods, 1.

<sup>7</sup> Aluminum products, 1 establishment; ornamental ironwork, 3; sheet-metal work, 3; tin cans, 3; watch parts, 1.

<sup>8</sup> Reported as "Foundry and machine-shop products."

<sup>9</sup> Estimated in part by use of ratios derived from reports made for corresponding classes of establishments operated in the United States.

<sup>10</sup> As part of the establishments engaged in contract work reported receipts for work done on materials owned by others, and part reported actual values of goods made, all returns have been converted to estimated value of products.

<sup>11</sup> This figure is inflated to the extent to which it includes amounts paid for outside work.

<sup>12</sup> Products of planing mills not reported in conjunction with sawmills.

<sup>13</sup> Books, 1 establishment; job printing, 40; photoengraving, 1.

<sup>14</sup> Brick and hollow structural tile, 2 establishments; sewer pipe, 1; other concrete and stone products, 3.

<sup>15</sup> Awnings, 1 establishment; hats, felt and linen, 2; hats, straw, 4; hosiery, full-fashioned, 1; rugs, string, 1; rugs, wool, 1.

<sup>16</sup> Bus bodies, 1 establishment; buttons, pearl, 2; compressed and liquefied gases, 2; cottonseed oil and meal, 1; diamond cutting, 1; foods, miscellaneous, 5; liquors, malt, 2; matches, 1; novelties, mahogany, 1; oxcarts and truck bodies, 1; paperboard containers, 1; salt, 1; signs, neon, 1; soap, 2; tires, retreading, 1; trunks, 3.

Source: Department of Commerce, Bureau of the Census; reports of Census of Manufactures, 1939.

# No. 996.—PATENT APPLICATIONS AND PATENTS AND CERTIFICATES OF REGISTRATION ISSUED SINCE INITIATION OF THE PATENT SYSTEM: 1836 TO 1947

[Number of patents granted prior to July 28, 1836, was 9,957. Data include patents issued to citizens of United States and residents of foreign countries]

CALENDAR YEAR OR PERIOD	Patent applications <sup>1</sup>	PATENTS ISSUED					CERTIFICATES OF REGISTRATION ISSUED				
		Total	Patents	Plant patents	Designs	Reissues	Total	Trade marks	Trade-mark renewals	Labels	Prints
1836-1850 <sup>2</sup>	14,062	8,387	7,864	—	4,840	183	—	—	—	—	—
1851-1860	44,302	25,087	23,140	—	1,025	922	—	—	—	—	—
1861-1870	128,783	85,910	79,612	—	8,181	3,117	121	121	—	—	—
1871-1880	306,436	138,355	125,520	—	7,535	5,300	10,395	8,017	—	2,378	—
1881-1890	352,475	217,821	207,850	—	8,357	1,614	14,660	10,636	—	4,024	—
1891-1900	410,049	234,956	220,840	—	13,374	742	18,794	16,903	—	1,891	258
1901-1905	253,417	148,291	143,791	—	3,953	547	18,590	12,768	—	4,579	1,343
1906-1910	307,187	175,618	171,560	—	3,297	781	36,375	32,065	—	2,856	1,439
1911-1915	350,937	194,387	188,241	—	7,295	851	32,381	27,369	—	3,522	1,690
1916-1920	368,747	207,108	197,644	—	8,486	978	35,364	30,681	—	3,411	1,777
1921-1925	427,127	217,525	203,977	—	12,328	1,222	81,556	68,881	2,278	7,351	3,046
1926-1930	459,904	234,857	219,384	—	13,796	1,677	96,729	71,469	12,067	8,736	4,457
1931-1935	342,861	256,219	239,092	161	15,079	1,887	72,783	52,432	9,282	8,466	2,603
1936-1940	350,544	229,514	200,992	275	26,458	1,879	71,786	52,709	8,409	8,129	2,549
1909	65,839	37,421	36,574	—	687	180	4,324	4,184	—	492	148
1910	64,629	35,930	35,168	—	639	123	4,729	4,239	—	370	130
1911	69,121	34,064	32,917	—	1,010	157	5,112	4,205	—	559	245
1912	70,976	37,731	36,231	—	1,342	158	5,895	5,020	—	633	243
1913	70,367	35,788	33,941	—	1,683	164	6,003	5,065	—	708	280
1914	70,464	41,850	39,945	—	1,715	190	7,874	6,817	—	719	338
1915	70,009	44,934	43,207	—	1,545	182	7,436	6,262	—	803	371
1916	71,033	45,927	43,970	—	1,759	198	8,087	6,791	—	864	432
1917	70,373	42,760	41,069	—	1,512	179	6,197	5,339	—	613	245
1918	59,800	39,941	38,569	—	1,207	165	4,912	4,061	—	554	197
1919	60,638	38,596	36,872	—	1,523	203	4,874	4,208	—	520	146
1920	66,893	39,862	37,164	—	2,485	233	11,294	10,282	—	760	252
1921	93,395	41,401	37,865	—	3,277	239	13,695	11,654	—	1,485	466
1922	89,028	40,267	38,414	—	1,627	256	14,992	12,793	—	1,512	567
1923	79,189	40,787	38,634	—	1,927	226	16,725	14,845	—	1,261	619
1924	80,888	45,600	42,564	—	2,671	235	17,562	15,749	—	1,278	535
1925	84,627	49,540	46,450	—	2,824	266	18,682	13,840	2,278	1,725	639
1926	86,116	47,627	44,750	—	2,602	275	21,819	14,964	4,282	1,696	897
1927	92,122	44,444	41,731	—	2,387	326	20,548	14,586	3,063	1,807	1,092
1928	92,725	45,899	42,376	—	3,188	335	19,084	14,142	2,049	1,921	972
1929	94,738	48,565	45,284	—	2,907	374	18,087	14,526	1,006	1,711	842
1930	94,203	48,322	45,243	—	2,712	367	17,191	13,251	1,665	1,611	654
1931	84,423	55,103	51,766	5	2,937	395	15,328	11,407	1,643	1,683	595
1932	71,864	56,856	53,473	46	2,944	403	13,196	9,613	1,087	1,443	451
1933	60,633	51,363	48,786	33	2,411	333	12,758	9,140	1,665	1,470	488
1934	61,572	47,753	44,429	32	2,921	371	16,063	11,375	2,407	1,786	495
1935	64,369	44,944	40,638	45	3,668	395	15,438	10,897	1,880	2,084	577
1936	69,585	44,820	39,793	49	4,556	422	14,804	10,732	1,886	1,740	446
1937	72,964	43,271	37,695	55	5,137	384	15,276	11,254	1,524	1,830	648
1938	75,429	43,493	38,076	41	5,027	349	13,564	10,212	1,051	1,762	539
1939	71,689	49,060	43,090	45	5,593	352	14,337	10,526	1,399	1,907	605
1940	69,857	48,850	42,248	85	6,145	372	13,805	9,985	2,549	1,969	307
1941	59,961	47,978	41,121	62	6,486	309	11,299	8,534	2,765	(11)	(11)
1942	50,057	42,510	38,467	65	3,728	250	9,691	6,797	2,894	(11)	(11)
1943	48,724	33,523	31,074	47	2,229	173	9,432	5,596	3,836	(11)	(11)
1944	50,472	31,197	28,073	38	2,916	170	10,079	6,027	4,052	(11)	(11)
1945	76,119	29,364	25,702	17	3,524	121	11,703	7,493	4,210	(11)	(11)
1946	91,972	24,775	21,819	56	2,779	121	13,841	8,116	5,725	(11)	(11)
1947	83,313	32,423	26,139	52	2,102	130	15,115	8,975	6,140	(11)	(11)

<sup>1</sup> Figures include patents for inventions, designs, and reissues of patents. Includes applications without fees.

<sup>2</sup> Data are for period from July 28, 1836, to Dec. 31, 1850, except as otherwise specified.

<sup>3</sup> Data are for 11 years beginning 1840; records prior to this date are not available.

<sup>4</sup> Data are for 8 years beginning 1843.

<sup>5</sup> Data are for 13 years beginning 1838.

<sup>6</sup> Data are for the year 1870.

<sup>7</sup> Data are for 7 years beginning 1874.

<sup>8</sup> Registration of labels suspended from May 27, 1891, to June 9, 1896.

<sup>9</sup> Data are for 8 years; first print registered Mar. 7, 1893.

<sup>10</sup> Data are for the year 1925.

<sup>11</sup> Figures for 1940 are for the six-months period ended June 30, 1940. On July 1, 1940, jurisdiction of prints and labels was transferred to the Copyright Office, Library of Congress, and data concerning them are compiled by that organization. (See table 990.)

<sup>12</sup> Excludes 150 trade-mark republishings (under Trade-Mark Act of 1946) of trade-marks registered under prior acts.

Source: Department of Commerce, United States Patent Office; records (not published elsewhere). Fiscal year figures published in Annual Report of the Secretary.



## 997.—PATENTS ISSUED TO CITIZENS OF THE UNITED STATES: 1938 to 1947

FOR OTHER AREA	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
Total.....	37,352	42,372	42,319	42,345	38,299	30,704	28,441	27,124	22,982	20,676
Alabama.....	104	126	107	98	86	55	80	116	63	63
Alaska.....	43	62	46	50	34	40	30	29	30	23
Arizona.....	46	67	45	57	50	33	33	25	32	34
Arkansas.....	2,448	2,933	2,911	2,915	2,780	2,326	2,108	2,223	2,042	1,719
California.....	185	204	215	235	167	134	139	108	85	106
Colorado.....	1,062	1,325	1,325	1,289	1,292	1,114	987	916	728	738
Connecticut.....	298	325	333	315	339	297	279	300	314	213
Delaware.....	230	221	256	241	255	171	181	148	127	134
District of Columbia.....	130	147	139	151	175	156	108	89	82	66
Florida.....	31	37	44	67	43	35	26	16	27	15
Georgia.....	4,023	4,617	4,591	4,554	4,116	3,393	3,128	2,871	2,325	2,074
Hawaii.....	985	1,100	1,063	1,005	997	839	742	643	562	513
Idaho.....	296	384	377	338	281	259	183	183	159	109
Illinois.....	178	203	218	216	171	132	121	106	92	86
Indiana.....	160	172	167	174	148	108	115	103	80	72
Iowa.....	121	152	181	135	135	106	131	92	95	99
Kansas.....	68	84	84	76	59	69	50	59	58	50
Kentucky.....	433	455	432	465	384	337	365	340	310	306
Louisiana.....	1,817	2,009	2,046	2,080	1,827	1,506	1,378	1,259	1,106	1,046
Maine.....	2,153	2,590	2,556	2,492	2,327	1,876	1,697	1,607	1,189	1,085
Maryland.....	508	580	652	664	570	468	451	368	265	270
Massachusetts.....	35	41	57	37	40	37	35	27	20	19
Michigan.....	768	750	825	933	770	640	538	518	356	332
Minnesota.....	63	57	61	51	43	24	32	25	19	28
Mississippi.....	137	136	103	109	74	66	56	44	47	28
Missouri.....	13	17	12	14	12	14	17	13	11	10
Montana.....	140	137	97	101	107	81	73	67	45	56
Nebraska.....	2,862	3,300	3,143	3,322	3,202	2,563	2,409	2,427	2,218	2,063
Nevada.....	29	43	36	37	33	25	45	17	45	30
New York.....	7,878	8,783	9,144	9,305	7,377	5,506	5,180	4,882	4,382	3,690
North Carolina.....	158	155	164	164	140	109	103	106	77	79
North Dakota.....	22	27	28	31	31	74	8	16	10	38
Ohio.....	3,009	3,593	3,484	3,344	3,270	2,592	2,440	2,362	1,864	1,623
Oklahoma.....	283	349	359	324	333	274	263	330	201	208
Oregon.....	184	191	195	211	189	132	134	132	120	94
Pennsylvania.....	3,154	3,308	3,143	3,156	3,039	2,313	2,127	2,050	1,701	1,488
Rhode Island.....	360	311	328	370	334	258	220	338	249	293
South Carolina.....	49	58	70	56	54	50	37	44	29	23
South Dakota.....	33	39	46	31	23	17	24	12	13	12
Tennessee.....	190	300	191	194	168	138	137	109	97	120
Texas.....	632	727	860	765	722	602	522	485	414	371
Utah.....	47	49	53	76	39	43	37	43	21	31
Vermont.....	41	54	42	42	47	36	51	32	27	25
Virginia.....	205	280	235	204	259	190	200	150	159	159
Washington.....	286	372	333	357	311	239	199	228	180	203
West Virginia.....	181	182	209	163	170	103	127	109	102	84
Wisconsin.....	878	941	966	1,012	966	808	812	665	490	484
Wyoming.....	25	23	20	37	22	24	17	17	13	12
Alaska.....	7	6	4	5	5	3	3	2	5	2
Zone.....	4	3	-----	1	6	3	5	3	2	0
Island of Columbia.....	282	261	248	208	214	205	206	203	202	157
Line Islands.....	30	33	39	39	18	22	13	16	17	12
Pine Islands.....	3	6	13	4	1	5	5	-----	-----	-----
Puerto Rico.....	4	5	3	6	4	3	1	4	2	3
Army.....	1	2	1	1	18	19	13	22	12	15
Navy.....	35	38	18	18	22	30	20	21	59	61
Marine Corps.....	5	2	1	-----	-----	2	-----	4	2	2

Source: Department of Commerce, United States Patent Office; records (not published elsewhere).

## No. 998.—PATENTS GRANTED TO RESIDENTS OF FOREIGN COUNTRIES: 1937 TO 1947

COUNTRY	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
<b>Total</b> .....	<b>5,638</b>	<b>5,775</b>	<b>6,339</b>	<b>6,148</b>	<b>5,311</b>	<b>3,943</b>	<b>2,625</b>	<b>2,864</b>	<b>2,112</b>	<b>1,658</b>	<b>1,017</b>
Argentina.....	27	21	22	24	23	24	16	23	25	20	22
Australia.....	44	68	46	36	36	42	25	27	21	25	12
Austria.....	105	112	120	62	26	7	5			1	1
Belgium.....	54	71	63	52	44	25	30	15	18	1	21
Brazil.....	3	3	4	9	10	9	5	11	9	6	1
Canada.....	418	367	345	372	355	310	259	260	222	223	214
Czechoslovakia.....	45	54	49	54	32	10	13	6	1	1	
Cuba.....	15	15	11	16	16	13	14	18	15	9	14
Denmark.....	30	41	54	44	33	17	16	16	6	1	6
England.....	1,178	1,250	1,288	1,308	1,142	1,000	743	843	905	839	768
Finland.....	7	6	6	5	7	2	2		11	1	1
France.....	559	533	634	876	334	210	182	134	100	39	167
Germany.....	2,106	2,206	2,480	2,593	2,218	1,468	722	641	243	100	82
Hungary.....	25	25	48	63	37	29	11	26	7	3	
Ireland <sup>1</sup> .....	7	6	12	17	5	4	3	6	3	3	6
Italy.....	68	82	91	97	92	82	27	52	28	10	5
Japan.....	68	87	57	44	36	20	7	18	5	9	2
Mexico.....	18	20	23	19	19	15	12	9	6	12	17
Netherlands.....	192	193	236	236	203	134	93	62	20	9	27
New Zealand.....	21	22	20	14	12	10	8	2	6	4	2
Norway.....	24	31	26	25	28	14	14	10	6	1	1
Poland.....	16	10	16	16	4	5	3			1	1
Scotland.....	41	48	47	31	35	25	29	20	30	38	25
Spain.....	21	11	8	8	4	2	5	2	16	4	3
Sweden.....	186	181	242	226	208	159	126	104	117	91	97
Switzerland.....	251	215	286	282	279	249	192	175	219	175	151
Union of South Africa.....	22	21	17	23	21	7	15	14	11	21	17
Union of Soviet Socialist Republics.....	4		1	5	2	4	6				
Wales.....	8	13	12	5	4	5	7	9	9	5	5
All other countries.....	51	63	70	79	46	41	35	64	32	21	22

<sup>1</sup> Includes Northern Ireland and Eire.

Source: Department of Commerce, United States Patent Office; records (not published elsewhere).

## No. 999.—REGISTRATION OF COPYRIGHTS BY SUBJECT MATTER: FISCAL YEARS, 1943 TO 1947

SUBJECT MATTER OF COPYRIGHT	1943	1944	1945	1946	1947
<b>Total</b> .....	<b>160,789</b>	<b>169,269</b>	<b>178,845</b>	<b>202,144</b>	<b>236,215</b>
<b>Books</b> .....	<b>40,457</b>	<b>40,682</b>	<b>40,544</b>	<b>47,860</b>	<b>53,925</b>
Printed in the United States.....	39,784	39,998	39,754	43,737	49,243
Books proper.....	8,658	7,585	6,962	7,679	9,903
Pamphlets, leaflets, etc.....	27,568	27,683	27,936		34,940
Contributions to newspapers and periodicals.....	3,568	4,730	4,856	5,504	4,400
Printed abroad in a foreign language.....	156	82	111	3,513	3,970
English books registered for ad interim copyright.....	517	602	679	610	712
Periodicals (numbers).....	42,995	44,304	45,763	48,289	55,340
Lectures, sermons, addresses.....	629	1,125	1,177	1,129	972
Dramatic or dramatico-musical compositions.....	3,681	4,875	4,714	5,356	6,456
Musical compositions.....	48,348	52,087	57,835	63,367	68,709
Maps.....	737	494	857	1,304	1,779
Works of art, models, or designs.....	1,849	1,743	1,621	2,094	4,044
Reproductions of works of art.....	221	173	196	317	540
Drawings or plastic works of a scientific or technical character.....	1,911	1,957	1,554	1,777	2,147
Photographs.....	1,042	1,270	1,258	1,732	1,828
Commercial prints and labels.....	5,385	5,953	7,403	7,975	9,674
Prints and pictorial illustrations.....	2,317	2,426	2,634	3,384	3,506
Motion picture photoplays.....	693	604	615	774	665
Motion pictures not photoplays.....	1,074	1,268	1,120	1,280	1,419
Renewals of commercial prints and labels.....	20	44	30	33	21
Renewals of all other classes.....	9,630	10,203	11,237	12,463	13,180

Source: The Library of Congress, Annual Report.

## 30. Foreign Commerce of the United States

All foreign trade statistics in this section were compiled by the Department of Commerce, Bureau of the Census beginning May 1941. Prior to that time the statistics were compiled by the Bureau of Foreign and Domestic Commerce. Annual statistics on foreign trade appear in the report, Foreign Commerce and Navigation of the United States, and monthly data appear in the Monthly Summary of Foreign Commerce of the United States. Except as noted (as, for example, in table 1028) the values stated are in United States dollars without reference to changes in the gold content of the dollar. (The statutory price of gold—\$20.67 per ounce—in effect prior to Jan. 31, 1934, was changed on that date by Executive Order to \$35 per ounce. Between Mar. 10, 1933, and Jan. 31, 1934, the foreign exchange value of the dollar was permitted to depreciate as a result of the restriction placed on gold shipments to foreign countries.) The geographic area covered by these statistics, except as noted, is the United States customs area, which includes Alaska, Hawaii, and Puerto Rico, and from Jan. 1, 1935, through Dec. 31, 1939, the Virgin Islands (see headnote, table 1008). Export data exclude Army civilian supply shipments. Other explanations of the trade tables are given in the introduction to the annual report, Foreign Commerce and Navigation of the United States.

### No. 1000.—FOREIGN TRADE OF THE UNITED STATES—SUMMARY: 1931 TO 1947

[In thousands of dollars. For calendar years]

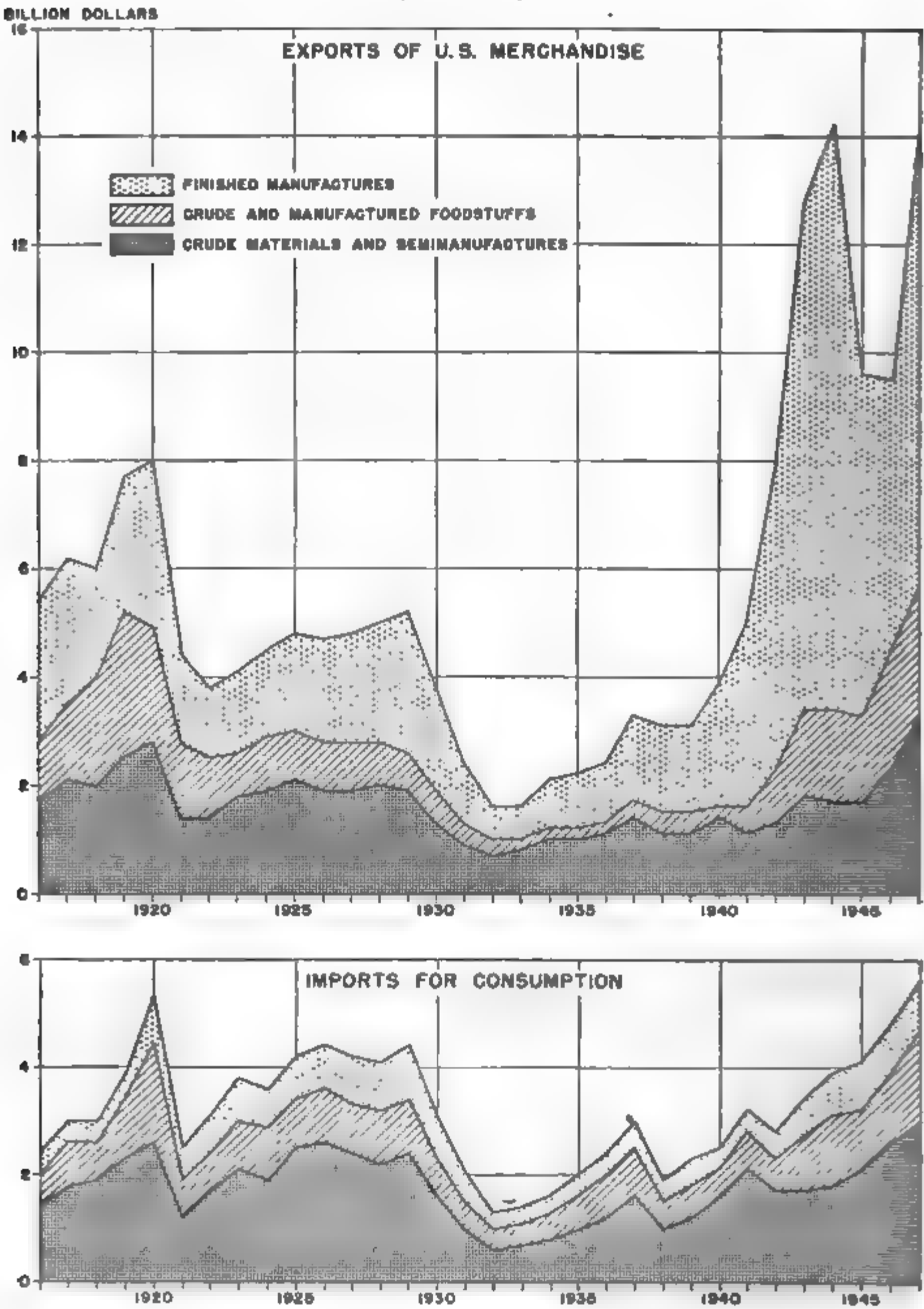
ITEM	1931-1935, average	1936-1940, average	1941-1945, average	1944	1945	1946	1947 <sup>1</sup>
<b>Merchandise:</b>							
Exports (incl. reexports).....	2,025,195	3,219,581	10,051,181	14,258,762	9,805,625	9,739,482	14,456,419
U. S. merchandise.....	1,988,914	3,166,518	9,922,258	14,161,544	9,584,684	9,502,513	14,278,268
Reexports of foreign merchandise.....	36,281	53,063	128,923	97,158	220,941	236,969	178,151
General imports.....	1,713,102	2,482,030	3,507,508	3,919,270	4,147,054	4,908,895	5,732,518
Entered for immediate consumption.....	1,496,613	2,092,793	3,048,080	3,515,308	3,689,120	4,252,688	5,050,401
Entered for warehouse.....	216,488	389,237	459,428	403,962	457,934	656,207	682,116
Excess of exports.....	312,093	737,552	6,543,673	10,339,432	5,658,572	4,830,587	8,723,901
Imports for consumption.....	1,704,294	2,440,042	3,469,020	3,877,895	4,086,017	4,792,110	5,642,394
Entered for immediate consumption.....	1,496,613	2,092,793	3,048,080	3,515,308	3,689,120	4,252,688	5,050,401
Withdrawn from warehouse.....	207,681	347,249	420,941	362,587	396,897	539,422	591,993
Free.....	1,075,585	1,475,825	2,287,373	2,708,391	2,737,261	2,897,669	3,432,657
Dutiable.....	628,709	964,217	1,181,647	1,169,504	1,348,756	1,894,441	2,209,737
Percent free.....	63.11	60.48	65.94	69.84	66.99	60.46	39.16
Duties calculated.....	314,477	365,151	375,670	347,286	380,827	(?)	(?)
Ratio of duties (percent):							
To total imports for consumption.....	18.45	14.97	10.83	8.96	9.32	(?)	(?)
To dutiable imports.....	50.02	37.87	31.79	29.70	28.24	(?)	(?)
<b>Gold:</b>							
Exports.....	339,539	16,989	238,443	959,228	199,968	221,468	213,241
Imports.....	819,256	2,615,845	321,514	113,836	93,718	532,962	2,079,588
Excess of: Imports.....	479,717	2,598,856	83,070	—	—	311,494	1,866,348
Exports.....	—	—	—	845,392	106,250	—	—
<b>Silver:</b>							
Exports.....	18,946	9,879	51,243	126,915	90,937	36,455	30,649
Imports.....	113,159	129,793	33,342	23,373	27,278	57,578	68,140
Excess of: Imports.....	94,213	119,914	—	—	—	21,123	37,492
Exports.....	—	—	17,901	103,542	63,659	—	—

<sup>1</sup> Preliminary.

<sup>2</sup> Not available.

Source: See general note.

FIGURE W.—FOREIGN TRADE BY ECONOMIC CLASSES: 1916 TO 1947  
[See table 1018]



No. 1001.—INTERNATIONAL TRANSACTIONS OF THE UNITED STATES: 1941  
TO 1947

[In millions of dollars]

ITEM	1941	1942	1943	1944	1945	1946	1947
<b>Receipts, total</b> .....	7,319	12,077	21,717	24,485	19,349	16,474	21,186
Goods and services, total.....	6,896	11,769	19,134	21,438	16,073	15,394	19,603
Goods.....	5,243	9,187	15,115	16,969	12,222	12,140	16,022
Income on investments.....	544	514	506	672	555	611	1,026
Other services.....	1,009	2,068	3,511	3,897	3,296	2,513	2,555
Unilateral transfers <sup>1</sup> .....	43	1,002	2,157	2,407	2,591	219	561
Long-term capital, total.....	271	306	445	640	685	991	1,002
Movements of U. S. capital invested abroad.....	193	219	403	406	555	960	964
Movements of foreign capital invested in U. S.....	78	87	43	234	30	1	38
<b>Payments, total</b> .....	6,578	12,153	23,733	26,154	21,009	14,793	20,152
Goods and services, total.....	4,486	5,358	8,096	8,986	9,424	7,131	8,327
Goods.....	3,486	3,965	5,427	5,689	5,829	5,264	6,047
Income on investments.....	167	159	155	161	168	173	226
Other services.....	813	1,232	2,514	3,236	3,427	1,694	2,054
Unilateral transfers <sup>1</sup> .....	1,179	7,336	15,044	16,549	9,628	3,329	3,029
Long-term capital, total.....	913	465	593	619	1,957	4,333	6,796
Movements of U. S. capital invested abroad.....	508	294	487	560	1,808	3,992	8,000
Movements of foreign capital invested in U. S.....	405	171	106	59	154	■	136
<b>Excess of receipts (+) or payments (-), total</b> .....	+632	-82	-2,016	-1,669	-1,760	+1,681	+1,034
Goods and services.....	+2,410	+6,413	+11,038	+12,452	+6,649	+8,133	+11,276
Unilateral transfers <sup>1</sup> .....	-1,136	-6,336	-12,907	-14,142	-7,037	-3,110	-2,445
Net goods and services and unilateral transfer.....	+1,274	+77	-1,869	-1,690	-388	+5,023	+8,828
Long-term capital.....	-642	-159	-147	+21	-1,372	-3,342	-7,794
<b>Net inflow (+) or outflow (-) of funds on gold and short-term capital account, total</b> .....	-1,168	+99	+1,982	+1,706	+1,888	-1,799	-2,116
Net increase (-) or decrease (+) in gold stock.....	-719	+23	+757	+1,350	+548	-623	-2,162
Net movement of U. S. short-term capital abroad.....	+11	-115	+3	-153	-313	-293	-265
Net movement of foreign short-term capital in U. S.....	-400	+182	+1,222	+509	+1,653	-883	+311
<b>Errors and omissions</b> .....	+476	-8	+34	-37	-128	+118	+1,082

<sup>1</sup> Unilateral transfers indicate amount of contributions in kind or in cash thru Lend-lease, U. N. R. R. A., personal and institutional remittances, and similar channels. Thus, payments or receipts under unilateral transfers in most cases offset exports or imports, respectively, of goods and services for which present or future compensation is not required.

Sources: Department of Commerce, Bureau of Foreign and Domestic Commerce; International Transactions of the United States during the War, 1940-45; current data published in Survey of Current Business.

No. 1002.—EXPORTABLE GOODS, PRODUCTION AND PROPORTION EXPORTED: 1919  
TO 1947

[Agricultural production is gross income, excluding feed, seed, and waste. Manufactures represent value added by manufacture—census data through 1939 and approximations thereafter. Value of mine products in 1909, 1919, and 1939 are census figures, in 1929 census data plus petroleum products, and in other years, estimates based on data of Bureau of Mines. Freight receipts represent receipts of steam railroads through 1927; of steam railroads, motor carriers of property (estimate), and pipelines thereafter. As figures are not adjusted for price changes, increase or decrease in absolute values from period to period should be disregarded]

[Amounts in millions of dollars]

YEAR	Agricultural products	Manufactures	Mining	Freight receipts	Total	Exports, U. S. merchandise	Percent of total
1919.....	16,997	23,735	3,158	3,625	47,515	7,750	16.3
1921.....	9,718	17,253	2,900	4,004	33,875	4,379	12.9
1923.....	11,186	24,599	4,300	4,712	44,797	4,091	9.1
1925.....	12,776	26,688	4,100	4,648	47,192	4,819	10.2
1927.....	12,451	26,225	4,000	4,729	47,505	4,759	10.0
1929.....	12,995	30,591	4,100	5,100	52,786	5,159	9.8
1931.....	7,524	18,601	2,200	3,600	32,025	2,375	7.4
1933.....	6,337	14,008	1,800	3,100	25,245	1,647	6.5
1935.....	8,406	18,553	2,000	3,500	33,060	2,243	6.8
1937.....	10,260	25,174	3,800	4,300	43,534	3,279	7.6
1939.....	9,121	24,683	3,222	4,350	41,376	3,123	7.6
1941.....	12,650	41,900	4,500	6,000	65,050	5,020	7.7
1943.....	21,608	75,100	5,300	8,700	110,708	12,841	11.6
1945.....	23,774	66,000	5,300	8,700	103,774	<sup>1</sup> 10,310	9.9
1946.....	28,422	60,250	5,800	7,900	100,372	<sup>1</sup> 9,950	9.9
1947.....	34,400	77,600	8,100	9,800	129,900	<sup>1</sup> 15,173	11.7

<sup>1</sup> Includes Army civilian supply shipments as follows: 1945, \$724,000,000; 1946, \$447,000,000; and 1947, \$986,000,000

Sources: Department of Commerce, Bureau of Foreign and Domestic Commerce.

## No. 1003.—EXPORTS AND IMPORTS OF MERCHANDISE: 1791 TO 1947

[In thousands of dollars. For basis of dollar values, see general note, p. 899. Figures are for fiscal years ending Sept. 30, 1791 to 1842, and June 30, 1843 to 1915; calendar years thereafter. For calendar years 1900-15 and fiscal years 1921-47, see table 1005. For total exports and imports by years prior to 1900, see table 1006. Figures include gold and silver prior to 1821.]

YEARLY AVERAGE OR YEAR	Total ex- ports and imports	EXPORTS			General imports	Excess of exports(+) or imports (-)
		Total	U. S. mer- chandise	Reex- ports		
1791-1800	105,859	46,774	27,740	19,034	59,185	-12,411
1801-1810	167,298	74,532	38,178	36,354	92,766	-18,234
1811-1820	139,801	58,989	45,270	12,719	80,812	-21,823
1821-1830	142,370	69,421	53,221	16,200	72,949	-3,428
1831-1840	223,070	103,550	88,168	15,382	119,520	-15,970
1841-1850 <sup>1</sup>	243,743	123,620	114,894	7,727	121,123	+1,496
1851-1860	433,362	248,887	232,283	16,604	264,475	-25,888
1861-1865	443,250	187,811	170,198	17,613	255,439	-67,628
1866-1870	729,137	320,842	307,696	13,146	408,295	-67,453
1871-1875	1,079,714	601,841	486,128	15,713	577,873	-76,032
1876-1880	1,169,331	676,761	663,650	13,111	492,570	+184,191
1881-1885	1,459,034	791,892	774,607	17,285	667,142	+124,750
1886-1890	1,455,610	738,379	725,685	12,694	717,231	+21,148
1891-1895	1,677,558	892,421	876,326	16,095	785,137	+107,284
1896-1900	1,898,837	1,157,318	1,126,039	21,279	741,519	+415,799
1901-1905	2,425,965	1,453,803	1,427,020	26,783	972,162	+481,641
1906-1910	3,123,535	1,778,697	1,750,980	27,717	1,344,828	+433,869
1911-1915	4,082,658	2,370,539	2,331,648	38,891	1,712,319	+658,220
1916-1920 <sup>2</sup>	9,879,545	5,521,190	5,416,513	104,677	3,358,354	+3,162,836
1921-1925	7,847,129	4,397,027	4,310,221	86,806	3,450,103	+946,924
1926-1930	8,810,782	4,777,314	4,687,788	89,526	4,033,469	+743,845
1931-1935	3,738,296	2,026,195	1,988,914	36,281	1,713,102	+312,093
1936-1940	5,701,611	3,219,581	3,166,518	53,063	2,482,030	+737,552
1906	2,970,427	1,743,865	1,717,954	25,911	1,226,562	+517,303
1907	3,315,272	1,880,861	1,853,718	27,133	1,434,421	+446,430
1908	3,055,115	1,840,773	1,834,786	25,987	1,194,342	+646,431
1909	2,974,931	1,663,011	1,638,356	24,655	1,311,920	+351,091
1910	3,301,232	1,744,985	1,710,084	34,901	1,556,947	+188,035
1911	3,576,546	2,049,320	2,013,549	35,771	1,527,226	+522,094
1912	3,667,587	2,204,322	2,170,320	34,002	1,653,263	+551,067
1913	4,278,892	2,465,884	2,428,606	37,278	1,813,008	+652,876
1914	4,258,505	2,364,570	2,329,684	34,886	1,823,926	+470,573
1915	4,442,759	2,768,589	2,716,178	52,411	1,674,170	+1,094,419
1915 (6 months)	2,765,650	1,852,863	1,820,393	32,470	912,787	+940,076
1916	7,874,276	5,482,641	5,422,642	59,999	2,391,635	+3,091,006
1917	9,186,981	6,233,613	6,169,617	63,996	2,962,466	+3,261,045
1918	9,180,301	6,149,088	6,047,875	101,213	3,031,213	+3,117,875
1919	11,824,791	7,920,426	7,749,816	170,610	3,904,365	+4,016,061
1920	13,506,497	8,228,016	8,080,481	147,535	5,278,481	+2,949,535
1921	6,994,179	4,485,031	4,378,928	106,103	2,609,148	+1,875,883
1922	6,944,524	3,831,777	3,765,091	66,686	3,112,747	+719,030
1923	7,959,559	4,167,493	4,080,715	76,778	3,792,066	+375,427
1924	8,200,947	4,590,984	4,497,049	93,935	3,609,963	+281,021
1925	9,136,437	4,909,848	4,818,722	91,125	4,226,689	+683,258
1926	9,239,548	4,808,660	4,711,721	96,939	4,430,888	+377,772
1927	9,050,117	4,865,375	4,768,884	106,512	4,184,742	+680,633
1928	9,219,800	5,128,356	5,030,099	98,258	4,091,444	+1,036,912
1929	9,640,358	5,240,995	5,157,083	83,912	4,399,361	+841,634
1930	6,904,089	3,843,181	3,781,172	62,009	3,000,908	+782,273
1931	4,514,924	2,424,269	2,377,982	46,307	2,090,635	+333,634
1932	2,033,790	1,611,016	1,576,151	34,865	1,322,774	+288,242
1933	3,124,563	1,674,994	1,647,220	27,774	1,449,569	+225,435
1934	3,787,855	2,132,800	2,100,135	32,665	1,855,055	+477,745
1935	4,330,358	2,282,874	2,243,081	39,793	2,047,485	+235,389
1936	4,878,570	2,455,978	2,418,969	37,009	2,422,592	+33,386
1937	6,432,835	3,349,167	3,298,929	50,238	2,666,666	+365,499
1938	5,054,868	3,094,440	3,037,169	57,271	1,900,428	+1,194,012
1939	5,495,257	3,177,176	3,123,343	53,834	2,318,081	+859,095
1940	6,646,525	4,021,146	3,934,181	86,965	2,625,379	+1,395,767
1941	8,492,159	5,147,154	5,019,877	127,277	3,245,006	+1,802,149
1942	10,623,850	8,078,988	8,003,113	75,875	2,744,862	+5,334,126
1943	16,346,255	12,994,906	12,841,542	123,364	3,381,349	+9,583,557
1944	18,177,972	14,258,702	14,161,544	97,158	3,919,270	+10,339,432
1945	13,952,679	9,805,625	9,584,684	220,941	4,147,054	+5,658,571
1946	14,648,377	9,739,482	9,502,513	236,969	4,908,966	+4,830,517
1947 <sup>3</sup>	20,188,937	14,456,419	14,378,268	178,151	5,732,518	+8,725,903

<sup>1</sup> Period Oct. 1, 1840, to June 30, 1850. <sup>2</sup> Period July 1, 1915, to Dec. 31, 1920. <sup>3</sup> Preliminary.

Source: See general note, p. 899.



# **No. 1004.—EXPORTS AND IMPORTS OF GOLD, SILVER, AND OF MERCHANDISE, GOLD, AND SILVER COMBINED: 1821 TO 1947**

[In thousands of dollars (for basis of dollar values, see general note, p. 899). For periods covered see headnote, table 1003. Figures for gold and silver relate to coin and bullion only prior to 1896; beginning with 1896 they include ore also]

YEARLY AVERAGE OR YEAR	GOLD			SILVER			TOTAL MERCHANDISE, GOLD, AND SILVER		
	Exports	Imports	Excess of exports (+) or im- ports (-)	Ex- ports	Im- ports	Excess of exports (+) or im- ports (-)	Exports	Imports	Excess of exports (+) or im- ports (-)
1821-1830.....	(1)	(1)	(1)	7,154	6,914	+239	76,575	79,603	-3,028
1831-1840.....	2,154	2,394	-1,240	3,530	7,353	-3,823	109,234	130,268	-21,034
1841-1850.....	3,222	5,463	-2,241	3,445	3,443	+2	129,288	130,029	-741
1851-1860.....	44,372	3,762	+40,610	3,130	3,988	-858	298,389	292,226	+6,163
1861-1870.....	56,814	15,881	+40,933	3,961	3,172	+789	248,586	274,492	-25,906
1871-1880.....	50,452	12,030	+38,422	20,746	6,808	+14,138	392,040	426,932	-34,892
1881-1890.....	52,423	11,497	+40,926	31,915	9,673	+22,242	586,179	599,043	-12,864
1891-1895.....	15,040	26,790	-11,750	22,670	13,182	+9,488	714,470	532,542	+181,928
1896-1899.....	19,263	40,333	-21,070	22,739	12,106	+10,633	833,894	719,583	+114,311
1900-1904.....	29,651	26,163	+3,488	31,082	18,045	+13,037	799,112	761,439	+37,673
1905-1909.....	77,737	39,568	+38,169	38,777	18,935	+19,842	1,008,935	843,659	+165,276
1910-1914.....	50,793	74,492	-23,699	58,125	31,234	+26,891	1,266,236	847,245	+418,991
1915-1919.....	64,580	63,152	+1,428	51,318	—	+22,511	1,509,701	1,064,122	+505,579
1920-1924.....	74,500	89,283	-14,783	58,300	44,244	+14,056	1,911,497	1,478,365	+433,132
1925-1929.....	83,173	85,989	-2,796	61,432	38,739	+22,693	2,515,144	1,837,027	+678,117
1930-1934.....	238,248	382,022	-143,773	143,447	64,217	+79,231	6,897,886	3,804,593	+3,093,293
1935-1939.....	82,739	347,425	-264,686	79,174	69,409	+9,765	4,558,940	3,868,937	+689,993
1940-1944.....	222,094	255,528	-33,434	78,566	59,898	+18,668	5,077,974	4,348,804	+729,078
1945-1949.....	339,539	819,256	-479,717	18,946	113,159	-94,213	2,383,679	2,645,517	-261,838
1950-1954.....	16,989	2,615,845	-2,598,856	9,879	129,793	-119,914	3,246,449	5,227,667	-1,981,218
1955.....	81,460	99,055	-17,595	49,473	27,769	+21,704	1,591,760	1,117,912	+473,848
1956.....	92,594	83,649	+8,945	48,849	27,485	+21,364	1,660,005	1,108,647	+551,358
1957.....	38,574	96,223	-57,648	65,869	44,443	+21,426	1,848,307	1,367,227	+481,080
1958.....	51,399	114,510	-63,111	58,739	42,947	+15,792	1,988,989	1,591,878	+397,111
1959.....	72,433	148,337	-75,904	57,921	44,658	+13,263	1,991,127	1,387,337	+603,790
1960.....	91,532	44,004	+47,528	55,083	43,955	+11,128	1,810,226	1,399,879	+410,347
1961.....	118,563	43,340	+75,223	55,287	45,217	+10,070	1,918,835	1,645,505	+273,330
1962.....	22,510	72,607	-50,097	64,780	45,937	+18,843	2,136,580	1,646,770	+489,810
1963.....	57,328	48,937	+8,391	64,891	47,050	+17,841	2,326,341	1,749,252	+577,089
1964.....	77,763	69,194	+8,569	71,614	41,269	+30,345	2,615,261	1,923,471	+691,790
1965.....	112,039	66,539	+45,500	54,965	30,327	+24,638	2,531,583	1,990,791	+540,792
1966.....	146,224	171,569	-25,345	50,942	29,110	+21,832	2,965,756	1,874,849	+1,090,907
1967 (6 mos.).....	23,843	307,030	-283,187	28,750	18,742	+10,008	1,905,456	1,238,559	+666,897
1968.....	155,799	685,990	-530,197	70,595	32,263	+38,332	5,709,029	3,109,889	+2,599,140
1969.....	371,684	552,454	-180,770	84,131	53,340	+30,791	6,089,527	3,558,263	+2,531,264
1970.....	41,070	62,043	-20,973	252,846	71,376	+181,470	6,443,004	3,164,641	+3,278,363
1971.....	368,185	76,534	+291,651	239,021	89,410	+149,611	8,527,632	4,070,309	+4,457,323
1972.....	322,091	417,068	-94,977	113,616	88,060	+25,556	8,603,724	5,783,610	+2,820,114
1973.....	23,891	691,248	-667,357	51,575	63,243	-11,668	4,560,497	7,263,639	-2,703,142
1974.....	36,875	275,170	-238,295	62,807	70,807	-7,999	3,931,459	3,468,724	+462,735
1975.....	28,643	322,716	-294,073	72,469	74,464	-1,995	4,298,005	4,189,236	+108,769
1976.....	61,648	319,721	-258,073	109,891	73,945	+35,946	4,762,521	4,003,628	+758,893
1977.....	262,640	129,272	+133,368	99,128	64,596	+34,532	5,271,615	4,419,458	+852,157
1978.....	115,708	213,504	-97,796	92,268	69,596	+22,672	5,016,626	4,713,965	+302,661
1979.....	201,455	207,635	-6,180	75,625	55,074	+20,551	5,142,455	4,447,351	+695,104
1980.....	560,759	168,897	+391,862	87,382	68,117	+19,265	5,776,497	4,328,458	+1,448,039
1981.....	116,583	291,649	-175,066	83,407	63,940	+19,467	5,440,965	4,754,954	+686,011
1982.....	115,967	396,054	-280,087	54,157	42,781	+11,376	4,913,305	3,499,723	+1,413,582
1983.....	466,794	612,119	-145,325	26,485	28,664	-2,179	2,917,568	2,731,418	+186,150
1984.....	800,828	363,315	+437,513	13,850	19,650	-5,800	2,434,394	1,705,739	+728,655
1985.....	366,652	193,197	+173,455	19,041	80,225	-61,184	2,060,687	1,702,981	+357,706
1986.....	52,759	1,186,671	-1,133,912	16,551	102,725	-86,174	2,202,110	2,944,451	-742,341
1987.....	1,960	1,740,979	-1,739,019	18,801	354,531	-335,730	2,303,635	4,142,995	-1,839,360
1988.....	27,534	1,144,117	-1,116,583	11,065	182,816	-171,751	2,405,477	3,749,525	-1,344,048
1989.....	46,020	1,631,523	-1,585,503	12,042	91,877	-79,835	3,407,229	4,807,098	-1,399,869
1990.....	5,889	1,979,458	-1,973,569	7,082	230,531	-223,449	3,107,411	4,179,417	-1,072,006
1991.....	508	3,574,659	-3,574,151	14,630	85,307	-70,677	3,192,314	5,978,047	-2,785,733
1992.....	4,945	4,749,467	-4,744,522	3,674	58,434	-54,760	4,029,815	7,433,260	-3,403,445
1993.....	64	982,442	-982,378	5,673	47,053	-41,380	5,152,891	4,374,500	+778,391
1994.....	102	315,780	-315,678	1,999	41,103	-39,104	5,081,089	3,101,745	+1,979,344
1995.....	32,855	101,793	-68,938	30,089	27,903	+2,186	13,028,450	3,511,045	+9,517,405
1996.....	959,228	113,836	+845,392	126,915	23,373	+103,542	15,344,845	4,056,478	+11,288,367
1997.....	199,968	93,718	+106,250	99,937	27,278	+62,659	10,066,530	4,268,050	+5,798,480
1998.....	221,468	532,962	-311,494	36,455	57,578	-21,123	9,997,405	5,499,435	+4,497,970
1999.....	213,241	2,079,588	-1,866,347	30,649	—	-37,492	14,700,309	7,696,946	+7,003,363

\* Silver figures include gold, 1821-30; not available separately prior to 1825

\* Period Oct. 1, 1840, to June 30, 1850.

\* Revised.

Source: See general note, p. 899.

\* Period July 1, 1915, to Dec. 31, 1920.

**No. 1005.—SUPPLEMENT TO TABLES 1003 AND 1004: CALENDAR YEARS 1900 TO 1915, AND FISCAL YEARS ENDING JUNE 30, 1931 TO 1947**

(In thousands of dollars)

YEAR	MERCHANDISE					
	Total exports and imports	Exports			General imports	Excess of exports (+) or imports (-)
		Total	U. S. merchandise	Reexports		
1900	2,307,096	1,477,946	1,453,010	24,936	829,150	+648,796
1901	2,345,796	1,466,376	1,438,079	27,297	880,420	+564,956
1902	2,350,003	1,360,686	1,333,269	27,418	969,317	+391,269
1903	2,480,247	1,484,753	1,457,647	27,106	995,494	+489,259
1904	2,487,228	1,451,319	1,425,711	25,608	1,035,909	+415,419
1905	2,806,136	1,620,991	1,599,423	21,568	1,179,145	+447,846
1906	3,118,745	1,798,243	1,772,716	25,527	1,320,502	+477,742
1907	3,346,596	1,923,426	1,895,356	28,070	1,423,170	+500,259
1908	2,809,209	1,752,835	1,728,670	24,165	1,116,374	+636,461
1909	3,203,720	1,728,199	1,700,722	27,477	1,475,521	+262,679
1910	3,429,163	1,866,259	1,829,023	37,236	1,562,904	+303,255
1911	3,624,886	2,092,527	2,058,413	34,114	1,532,359	+560,166
1912	4,217,291	2,399,218	2,362,698	36,522	1,816,073	+581,145
1913	4,270,614	2,484,018	2,448,284	35,734	1,792,696	+691,423
1914	3,902,900	2,113,624	2,071,058	42,566	1,789,276	+324,248
1915	5,333,298	3,584,671	3,493,231	61,440	1,778,597	+1,776,074
1931 <sup>1</sup>	5,615,503	3,083,429	3,031,557	51,873	2,432,074	+651,245
1932	3,678,605	1,948,335	1,908,067	40,268	1,730,270	+218,085
1933	2,608,413	1,440,333	1,413,397	26,936	1,168,060	+272,289
1934	3,763,029	2,041,719	2,008,483	33,236	1,721,310	+320,409
1935	3,906,538	2,120,858	2,085,062	35,796	1,765,679	+335,178
1936	4,631,251	2,413,724	2,375,415	38,309	2,217,527	+196,197
1937	5,779,083	2,837,579	2,790,879	46,700	2,941,604	-103,925
1938	5,764,593	3,403,392	3,361,699	41,693	2,861,201	+1,042,191
1939	5,013,594	2,919,663	2,884,657	34,976	2,063,931	+825,732
1940	6,343,238	3,825,552	3,743,930	81,622	2,517,626	+1,307,926
1941	6,968,619	4,043,195	3,959,429	83,766	2,925,424	+1,117,771
1942	9,741,595	6,570,357	6,451,031	119,326	3,171,238	+3,399,119
1943	12,998,224	10,124,515	10,027,619	96,896	2,873,709	+7,250,806
1944	16,704,119	14,820,153	14,698,070	122,083	3,883,966	+10,936,187
1945	16,663,539	12,675,831	12,549,283	126,548	3,987,708	+8,668,128
1946	13,050,174	8,746,555	8,468,364	278,191	4,303,619	+4,442,935
1947	18,012,714	12,519,522	12,316,520	203,002	5,493,192	+7,026,320

YEAR	GOLD			SILVER			TOTAL MERCHANDISE, GOLD, AND SILVER		
	Exports	Imports	Excess of exports (+) or imports (-)	Exports	Imports	Excess of exports (+) or imports (-)	Exports	Imports	Excess of exports (+) or imports (-)
1900	54,135	66,749	-12,614	56,222	40,100	+26,122	1,598,303	935,999	+662,304
1901	57,784	54,762	+3,022	55,638	31,147	+24,491	1,578,798	955,329	+623,469
1902	36,031	44,193	-8,162	49,273	26,403	+22,870	1,445,990	1,039,913	+406,077
1903	44,347	65,268	-20,921	40,610	23,975	+16,635	1,569,710	1,084,737	+484,973
1904	121,212	84,803	+36,409	50,135	26,087	+24,048	1,622,666	1,146,799	+475,867
1905	46,794	50,293	-3,499	57,513	35,939	+21,574	1,731,298	1,265,377	+465,921
1906	46,709	155,579	-108,870	60,967	44,238	+16,729	1,905,909	1,520,309	+385,600
1907	55,216	143,399	-88,182	61,826	45,912	+15,714	2,040,268	1,612,480	+427,788
1908	81,215	50,276	+30,939	51,838	42,224	+9,614	1,886,888	1,208,574	+677,014
1909	132,881	44,087	+88,794	57,592	46,188	+11,404	1,918,672	1,565,796	+352,876
1910	58,775	59,223	-448	57,361	45,678	+11,683	1,962,395	1,669,005	+293,390
1911	37,183	57,445	-20,262	65,665	43,747	+21,918	2,195,375	1,633,551	+561,824
1912	47,425	66,549	-19,124	71,962	48,401	+23,561	2,318,605	1,933,023	+385,582
1913	91,799	63,705	+28,094	62,777	35,868	+26,909	2,638,594	1,892,169	+746,426
1914	222,616	27,389	+195,228	51,603	25,959	+25,644	2,367,843	1,872,623	+495,220
1915	31,426	451,955	-420,529	53,599	34,484	+19,115	3,639,696	2,265,036	+1,374,660
1931 <sup>1</sup>	107,094	403,795	-296,701	38,931	33,522	+5,409	3,229,454	2,899,391	+330,063
1932	1,238,844	520,028	+718,816	19,979	25,384	-5,405	3,202,158	2,275,682	+926,476
1933	135,393	398,979	-263,586	8,380	35,474	-27,094	1,684,106	1,602,533	+81,573
1934	286,160	962,070	-675,910	23,966	58,012	-34,046	2,351,845	2,636,392	-284,547
1935	40,773	1,139,672	-1,098,899	21,059	174,587	-153,528	2,182,689	3,099,938	-917,249
1936	27,157	1,472,282	-1,445,125	12,935	380,899	-367,964	2,453,816	4,070,708	-1,616,892
1937	1,259	1,635,752	-1,634,493	15,722	99,748	-84,026	2,854,560	4,678,004	-1,823,444
1938	51,622	850,171	-798,549	8,530	168,863	-160,333	3,458,834	3,380,265	+78,569
1939	574	3,752,560	-3,751,986	14,097	174,526	-160,429	2,934,334	6,021,017	-3,086,683
1940	5,011	4,304,119	-4,299,107	9,078	59,806	-50,728	3,839,641	6,881,610	-3,041,969
1941	89	2,697,909	-2,697,820	4,833	52,556	-47,723	4,048,111	5,675,932	-1,627,821
1942	75	487,826	-487,751	3,249	43,967	-40,718	6,573,681	3,702,931	+2,870,750
1943	9,351	183,636	-174,285	6,255	38,836	-32,581	10,140,121	3,096,181	+7,043,940
1944	609,538	104,643	+504,895	58,120	21,720	+36,400	15,487,910	4,010,329	+11,477,581
1945	507,055	56,413	+450,642	158,260	22,543	+135,717	13,341,146	4,065,664	+9,275,482
1946	124,994	391,668	-266,674	53,436	28,404	+25,032	6,924,985	4,723,591	+2,201,394
1947	355,316	941,330	-586,014	38,234	84,102	-45,868	12,908,072	6,518,034	+6,390,038

<sup>1</sup> For fiscal year data 1916 to 1930, see Statistical Abstract, 1934, p. 408.

<sup>2</sup> Revised.

Source: See general note, p. 899.

# 1. 1006.—EXPORTS AND IMPORTS OF MERCHANDISE, WITH TRADE BALANCES: 1790 TO 1905

hundreds of dollars. For basis of dollar values, see general note, p. 899. For later years, see table 1003. Fiscal years ending Sept. 30, 1790 to 1842, June 30 thereafter]

Ex-ports <sup>1</sup>	Im-ports <sup>1</sup>	Excess of exports (+) or im-ports (-)	YEAR	Ex-ports	Im-ports	Excess of exports (+) or im-ports (-)	YEAR	Ex-ports	Im-ports	Excess of exports (+) or im-ports (-)
20,206	23,000	-2,795	1820	67,435	67,089	+346	1868	281,953	357,436	-75,483
19,012	29,200	-10,188	1830	71,671	62,721	+8,950	1869	286,138	417,506	-131,368
20,753	31,500	-10,747	1831	72,296	93,885	-21,589	1870	302,772	435,958	-133,186
20,110	31,100	-4,990	1832	51,521	95,122	-43,601	1871	442,820	520,224	-77,404
33,044	34,600	-1,556	1833	57,529	101,048	-43,519	1872	444,178	626,595	-182,417
47,990	69,756	-21,766	1834	102,260	108,610	-6,350	1873	522,480	642,136	-119,656
58,575	81,420	-22,845	1835	115,218	136,764	-21,546	1874	596,283	567,416	+28,867
51,295	75,379	-24,084	1836	124,339	176,579	-52,240	1875	513,443	533,005	-19,562
61,327	68,552	-7,225	1837	111,443	130,473	-19,030	1876	540,385	490,741	+49,644
78,656	70,069	+8,587	1838	104,979	95,970	+9,009	1877	602,475	481,223	+121,252
70,972	91,253	-20,281	1839	112,252	156,497	-44,245	1878	691,906	437,052	+254,854
93,021	111,364	-18,343	1840	123,609	98,259	+25,350	1879	710,430	445,778	+264,652
71,957	76,333	-4,376	1841	111,817	122,958	-11,141	1880	835,039	667,955	+167,084
55,800	64,667	-8,867	1842	99,878	96,075	+3,803	1881	902,377	642,665	+259,712
77,499	65,000	+12,499	1843	82,826	42,433	+40,393	1882	750,542	724,640	+25,902
95,586	120,000	-24,414	1844	105,746	102,605	+3,141	1883	823,839	723,181	+100,658
101,537	129,410	-27,873	1845	106,040	113,184	-7,144	1884	740,514	667,698	+72,816
108,343	138,500	-30,157	1846	106,563	117,914	-11,351	1885	742,190	577,527	+164,663
22,431	50,990	-28,559	1847	156,742	122,424	+34,318	1886	679,525	635,430	+44,095
52,203	59,400	-7,197	1848	138,191	148,639	-10,448	1887	716,183	692,320	+23,863
66,758	85,400	-18,642	1849	140,351	141,206	-855	1888	605,955	723,957	-117,992
61,317	83,400	-22,083	1850	144,376	173,510	-29,134	1889	742,401	715,132	+27,269
38,527	77,030	-38,503	1851	188,915	210,771	-21,856	1890	857,829	749,319	+108,510
27,856	22,005	+5,851	1852	166,984	207,440	-40,456	1891	884,481	844,916	+39,565
6,927	12,965	-6,038	1853	203,489	263,777	-60,288	1892	1,030,278	827,402	+202,876
52,558	113,041	-60,483	1854	237,044	297,804	-60,760	1893	847,965	806,401	+41,564
81,920	147,103	-65,183	1855	218,910	257,809	-38,899	1894	892,141	654,995	+237,146
87,672	99,250	-11,578	1856	281,219	310,432	-29,213	1895	807,538	731,970	+75,568
98,281	121,750	-23,469	1857	293,824	348,428	-54,604	1896	882,607	779,725	+102,882
70,143	87,125	-16,982	1858	272,011	263,339	+8,672	1897	1,050,994	704,730	+346,264
60,692	74,450	-13,758	1859	292,902	331,333	-38,431	1898	1,231,182	616,050	+615,132
54,496	54,821	-325	1860	333,576	353,616	-20,040	1899	1,227,023	697,148	+529,875
61,350	78,672	-17,322	1861	219,554	289,311	-69,757	1900	1,394,483	849,941	+544,542
68,328	72,481	-4,153	1862	190,071	189,357	+711	1901	1,487,765	823,172	+664,593
68,972	72,169	-3,197	1863	203,904	243,330	-39,426	1902	1,381,719	903,321	+478,398
90,738	90,189	+549	1864	158,838	316,447	-157,609	1903	1,420,142	1,025,719	+394,423
72,891	78,094	-5,203	1865	166,020	238,746	-72,726	1904	1,460,827	991,087	+469,740
74,316	71,333	+2,983	1866	346,860	434,812	-87,952	1905	1,518,562	1,117,513	+401,049
64,021	81,020	-16,999	1867	294,506	395,761	-101,255				

includes gold and silver prior to 1821.

<sup>1</sup> Period beginning Oct. 1, 1842, and ending June 30, 1843.

# 2. 1007.—EXPORTS AND IMPORTS OF MERCHANDISE, PER CAPITA: 1791 TO 1947

port figures for 1791 to 1820 are based on total exports including reexports (the latter were then relatively large) and for 1821 to date, on exports of United States merchandise only, shown in table 1003. Import figures for 1791 to 1820 are based on general imports shown in table 1003, for 1821 to 1870, total imports less reexports, and for 1871 to date, imports for consumption, shown in table 1003.]

EARLY PERIOD	Ex-ports	Im-ports	YEARLY AVERAGE OR YEAR	Ex-ports	Im-ports	YEAR	Ex-ports	Im-ports	YEAR	Ex-ports	Im-ports
	Dollars	Dollars		Dollars	Dollars		Dollars	Dollars		Dollars	Dollars
1791	10.08	12.75	1806-1910	19.54	14.82	1916	53.01	23.06	1932	12.42	10.44
1810	11.82	14.71	1911-1915	23.96	17.46	1917	59.48	28.14	1933	12.90	11.22
1830	6.96	9.53	1916-1920	61.20	31.37	1918	57.51	26.06	1934	16.34	12.73
1850	4.71	6.02	1921-1925	38.05	20.22	1919	72.69	35.90	1935	17.33	15.75
1870	5.85	6.91	1926-1930	38.50	33.02	1920	74.70	47.16	1936	18.57	18.61
1890	5.67	6.60	1931-1935	15.55	13.33	1921	39.66	23.27	1937	25.16	22.96
1910	8.48	9.78	1936-1940	23.92	18.46	1922	33.75	27.55	1938	23.14	14.78
1930	8.11	7.15	1907	21.06	16.09	1923	36.11	32.95	1939	23.44	17.08
1950	8.35	10.73	1908	20.48	13.21	1924	39.12	31.10	1940	29.28	18.91
1970	11.70	13.55	1909	17.96	14.05	1925	41.30	35.90	1941	37.01	23.76
1990	14.01	10.18	1910	18.41	16.66	1926	39.81	37.24	1942	58.36	20.19
2010	14.49	12.80	1911	21.34	16.19	1927	39.63	34.67	1943	92.37	24.38
2030	12.12	11.73	1912	22.66	17.13	1928	41.31	33.49	1944	100.68	27.57
2050	13.21	11.59	1913	24.97	18.17	1929	41.77	35.14	1945	67.40	29.73
2070	15.60	10.03	1914	23.61	19.32	1930	30.24	24.90	1946	66.06	33.31
2090	17.53	11.75	1915	27.13	16.46	1931	18.66	16.57	1947	97.38	38.48

based on estimated population including armed forces overseas.

uses of tables 1006 and 1007: See general note, p. 899.

# No. 1008.—MERCHANDISE TRADE OF CONTINENTAL UNITED STATES WITH FOREIGN COUNTRIES AND OUTLYING TERRITORIES AND POSSESSIONS: 1903 TO 1946

**IMPORTANT NOTE.**—This table differs as to its geographic basis from all other foreign trade tables in this section and in other publications: (1) In the case of other tables the data represent the trade of the United States customs area with all foreign countries, including the Philippine Islands and prior to 1935, the Virgin Islands. The U. S. customs area comprises continental U. S., Alaska, Hawaii, Puerto Rico, and during 1935 through 1939, the Virgin Islands. Trade between continental U. S. and the territories mentioned as part of the customs area are therefore excluded from these data. (2) The present table takes continental United States as the basis. In the totals, trade between it and all United States Territories and possessions is included, while the trade between that part of the customs area outside of continental United States and foreign countries is excluded. Practically all other nations calculate their foreign trade in the manner followed in the present table; that is, totaling the trade of the home country with foreign countries and with all outlying areas. Prior to 1901 Alaska was our only outlying area. Therefore, our foreign trade statistics for 1900 and earlier years very nearly represent the trade of continental United States with foreign countries. Data are for years ending June 30 through 1918; thereafter, for years ending Dec. 31.

(In thousands of dollars)

YEARLY AVERAGE OR YEAR	EXPORTS <sup>1</sup>			IMPORTS		
	Total	To foreign countries	To U. S. Territories and possessions	Total	From foreign countries	From U. S. Territories and possessions
1903-1905	1,495,516	1,456,132	39,484	1,090,764	1,026,341	64,423
1906-1910	1,829,286	1,761,626	67,661	1,410,329	1,324,594	85,734
1911-1915	2,441,254	2,337,591	103,664	1,811,234	1,681,207	130,027
1916-1920 <sup>2</sup>	6,656,126	6,452,539	203,587	3,596,064	3,274,496	321,568
1921-1925	4,552,455	4,335,341	217,114	3,650,280	3,351,378	298,902
1926-1930	4,961,994	4,694,505	267,488	4,270,496	3,896,505	373,992
1931-1935	2,172,785	1,973,634	199,151	1,913,075	1,610,696	302,379
1936-1940	3,456,009	3,130,930	325,080	2,725,584	2,365,490	360,095
1934	2,291,695	2,080,990	200,705	1,863,046	1,584,327	278,719
1935	2,462,513	2,226,916	235,597	2,258,097	1,937,537	320,560
1936	2,668,016	2,391,823	276,192	2,696,581	2,306,102	390,479
1937	3,584,802	3,259,423	325,469	3,360,349	2,938,178	422,171
1938	3,317,903	3,004,131	313,772	2,181,571	1,849,602	331,969
1939	3,409,219	3,073,619	335,600	2,549,199	2,211,884	337,315
1940	4,302,018	3,925,653	376,365	2,838,221	2,521,685	316,536
1941	5,552,732	5,025,692	527,040	3,498,558	3,104,887	393,671
1942	8,402,718	8,076,571	326,147	3,014,244	2,747,648	266,596
1943	13,082,043	12,733,427	348,616	3,634,222	3,354,929	279,293
1944	14,358,413	13,985,680	372,733	4,178,428	3,890,577	287,851
1945	10,104,244	9,635,653	468,591	4,403,629	4,094,075	309,554
1946	10,312,243	9,737,437	574,806	5,207,955	4,835,266	372,689

<sup>1</sup> Including reexports of foreign merchandise.

<sup>2</sup> Period July 1, 1918, to Dec. 31, 1920.

<sup>3</sup> Excludes certain aircraft originating in continental U. S. cleared for foreign country through Alaska, valued as follows: 1943, \$214,415,000; 1944, \$270,639,000; 1945, \$165,070,000.

Source. See general note, p. 899.

# No. 1009.—GOLD UNDER EARMARK FOR FOREIGN ACCOUNT IN THE UNITED STATES: 1936 TO 1947

(All figures in thousands of dollars at rate of \$35 a fine ounce. Gold under earmark is gold held by Federal Reserve banks in custody for foreign central banks and governments. Minus sign (-) denotes decrease)

YEAR	Increase during year of gold under earmark	MONTH	AMOUNT UNDER EARMARK AT END OF MONTH					
			1942	1943	1944	1945 <sup>1</sup>	1946 <sup>1</sup>	1947 <sup>1</sup>
1936	85,888	January	2,253,857	2,749,851	3,505,003	3,995,330	4,306,354	3,532,236
1937	200,441	February	2,363,134	2,813,282	3,493,517	4,032,723	4,312,125	4,315,800
1938	533,457	March	2,428,659	2,872,258	3,542,233	4,079,646	4,292,396	4,113,200
1939	534,417	April	2,448,727	2,973,262	3,612,777	4,132,830	4,277,306	3,841,270
1940	644,669	May	2,466,924	3,018,384	3,705,887	4,199,693	4,249,845	3,828,213
1941	407,678	June	2,501,716	3,070,068	3,712,283	4,103,667	4,234,834	3,709,254
1942	458,437	July	2,526,069	3,133,781	3,806,910	4,204,014	4,226,838	3,682,509
1943	803,620	August	2,547,963	3,225,113	3,806,221	4,267,004	4,166,716	3,640,192
1944	459,762	September	2,575,622	3,305,675	3,833,599	4,286,013	4,154,410	3,487,080
1945	356,656	October	2,632,082	3,346,251	3,856,246	4,251,398	4,038,721	3,491,049
1946	-465,419	November	2,642,815	3,390,398	3,890,918	4,229,567	3,911,236	3,573,535
1947	-209,979	December	2,673,788	3,477,408	3,937,170	4,298,826	3,828,406	3,618,427

<sup>1</sup> For period February 1945 through April 1946, figures include \$102,814,000 earmarked in name of a domestic bank as security for a foreign loan; beginning August 1946 they include gold held for the account of international institutions.

Source: Board of Governors of the Federal Reserve System; Banking and Monetary Statistics through 1941; Federal Reserve Bulletin thereafter.

## No. 1010.—EXPORTS AND IMPORTS OF GOLD, BY MONTHS: 1942 TO 1947

[In thousands of dollars]

MONTH	1942		1943		1944		1945		1946		1947	
	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports
January.....	3	40,860	6	33,686	26,707	3,438	2,362	3,093	116	154,198	102,593	85,774
February.....	1	35,469	3	23,348	162,172	27,079	240	2,152	467	82,906	49,215	69,577
March.....	3	34,587	5	3,279	109,648	7,976	22,143	2,994	361	31,757	17,491	171,325
April.....	7	82,433	8,748	3,143	160,073	30,084	256	2,654	28,423	7,889	17,458	61,808
May.....	15	39,133	514	4,859	64,994	3,794	22,388	4,122	28,707	1,879	3,028	132,762
June.....	8	21,971	12	3,923	63,375	2,697	86,388	2,631	748	37,077	2,685	202,917
July.....	14	22,007		2,886	64,321	3,374	20,795	13,816	2,529	8,877	3,639	222,839
August.....	16	21,954	(1)	4,017	116,389	6,245	15,871	3,531	10,816	26,027	5,118	116,776
September.....	9	20,667	2,109	13,630	75,248	3,254	251	13,757	31,846	24,217	2,085	111,685
October.....	3	22,739	6,344	3,323	79,555	16,303	6,742	2,426	806	24,969	6,619	456,450
November.....	4	16,919	8,308	2,706	14,640	2,621	2,357	3,146	733	78,656	1,000	267,301
December.....	19	7,132	6,807	2,812	24,008	6,971	20,146	39,399	115,915	54,722	2,509	180,674

: Less than \$500.

## No. 1011.—EXPORTS AND IMPORTS OF SILVER, BY MONTHS: 1942 TO 1947

[In thousands of dollars]

MONTH	1942		1943		1944		1945		1946		1947	
	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports
January.....	178	3,921	661	2,836	1,470	2,700	7,132	2,378	20,937	2,490	2,945	13,306
February.....	260	2,749	1,477	3,205	5,075	1,338	8,834	2,302	4,794	3,679	12,700	4,589
March.....	132	3,502	52	2,937	12,768	1,570	13,605	1,817	898	1,602	3,523	5,332
April.....	235	3,361	2,017	3,969	10,630	1,561	7,793	1,863	119	2,918	1,865	7,220
May.....	13	3,612	1,818	3,643	2,776	3,092	779	1,872	258	930	1,387	4,468
June.....	979	3,826	26	2,103	763	2,251	26,694	1,868	322	1,187	1,685	4,408
July.....	28	3,679	33	1,506	29,040	1,360	516	1,193	106	7,089	1,636	3,410
August.....	16	1,837	5,159	1,663	32,163	1,571	3,151	1,059	273	8,283	630	4,659
September.....	17	3,188	7,615	2,586	17,611	1,993	84	1,569	1,147	5,657	374	4,440
October.....	19	4,835	11,218	1,211	9,904	1,743	226	5,768	166	4,885	2,509	6,067
November.....	13	4,168	53	1,439	2,196	2,023	9,598	2,835	656	11,565	1,042	6,917
December.....	111	2,568	559	774	2,817	2,172	12,692	3,173	6,579	7,561	352	3,296

## No. 1012.—EXPORTS (INCLUDING REEXPORTS) AND GENERAL IMPORTS OF MERCHANDISE, BY MONTHS: 1942 TO 1947

[In millions of dollars. For monthly data for earlier years see 1947 and earlier editions of Statistical Abstract]

MONTH	1942		1943		1944		1945		1946		1947	
	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports
January.....	481.5	268.5	750.0	230.0	1,124.2	300.8	902.7	332.0	796.2	393.5	1,113.7	530.9
February.....	483.1	258.6	727.8	234.0	1,106.9	314.3	886.8	325.4	669.9	317.6	1,146.8	436.7
March.....	636.8	272.1	992.4	249.2	1,197.0	358.6	1,029.2	364.8	815.4	394.5	1,327.2	444.5
April.....	716.8	234.9	989.1	257.5	1,230.8	361.4	1,005.3	366.3	756.8	406.0	1,296.6	512.1
May.....	641.6	190.8	1,092.4	282.2	1,455.2	386.3	1,135.5	371.8	850.5	393.3	1,420.9	474.0
June.....	649.9	215.3	1,003.4	296.2	1,296.2	331.5	968.0	359.9	877.7	381.8	1,241.7	463.0
July.....	659.2	213.4	1,205.0	301.7	1,196.9	294.3	894.5	358.1	825.5	430.7	1,162.2	449.7
August.....	704.6	186.3	1,220.0	318.0	1,190.9	303.7	738.0	360.5	883.3	422.4	1,161.5	400.2
September.....	732.0	196.1	1,209.3	268.5	1,193.7	281.5	513.9	338.5	642.7	377.0	1,169.2	473.1
October.....	802.9	199.7	1,237.1	329.1	1,143.8	326.6	455.4	346.5	536.5	394.2	1,234.8	491.6
November.....	788.0	168.0	1,072.0	312.5	1,184.9	323.4	639.1	325.3	986.3	478.4	1,138.1	454.7
December.....	883.0	358.3	1,285.4	282.3	938.0	336.0	737.1	297.8	1,096.7	529.3	1,112.1	602.0

Source of tables 1010, 1011, and 1012: See general note, p. 899.



# No. 1018.—EXPORTS OF U. S. MERCHANDISE, AND IMPORTS, BY ECONOMIC CLASSES: 1821 to 1946

[In thousands of dollars. For basis of dollar values, see general note, p. 899. Figures cover fiscal years ending Sept. 30, 1821 to 1840, and June 30, 1850 to 1915; calendar years thereafter, except as noted. For articles covered by each class see Foreign Commerce and Navigation of the United States]

YEARTLY AVERAGE OR YEAR	EXPORTS OF UNITED STATES MERCHANDISE					
	Total	Crude materials	Crude foodstuffs	Manufactured foodstuffs <sup>1</sup>	Semi-manufactures	Finished manufactures
1821.....	51,684	31,332	2,475	10,085	4,807	2,935
1830.....	58,525	36,005	2,724	9,557	4,118	5,463
1840.....	111,661	75,735	4,565	15,936	4,841	10,584
1850.....	134,909	84,124	7,536	20,017	6,061	17,162
1851-1860.....	232,149	143,156	15,337	35,734	9,317	28,605
1861-1865.....	170,198	33,900	37,670	58,585	9,696	30,367
1866-1870.....	307,696	177,296	27,858	42,306	14,408	45,828
1871-1875.....	486,128	218,449	75,206	95,282	22,681	74,509
1876-1880.....	663,630	213,989	158,853	161,915	30,174	98,719
1881-1885.....	774,607	261,645	162,714	197,457	37,044	115,747
1886-1890.....	725,685	276,703	108,708	181,521	40,023	118,730
1891-1895.....	876,326	295,087	150,846	238,580	55,343	136,470
1896-1900.....	1,136,039	296,664	214,778	272,759	109,500	242,338
1901-1905.....	1,427,020	432,027	173,972	316,226	161,206	343,599
1906-1910.....	1,750,980	554,784	165,829	317,374	249,134	473,890
1911-1915.....	2,331,648	716,637	205,939	333,971	359,239	715,861
1916-1920 <sup>2</sup> .....	6,416,513	1,168,995	587,588	1,138,236	987,185	2,539,530
1921-1925.....	4,310,221	1,187,056	420,002	600,710	536,793	1,565,660
1926-1930.....	4,687,788	1,143,762	299,794	455,814	662,688	2,125,730
1931-1935.....	1,968,914	601,344	76,528	175,696	268,622	846,734
1936-1940.....	3,166,518	602,209	119,282	174,996	610,964	1,658,043
1910-1914 <sup>3</sup> .....	2,130,429	713,184	126,506	294,906	341,020	654,211
1915-1919 <sup>4</sup> .....	5,227,127	843,258	502,763	945,729	871,731	2,063,646
1908.....	1,491,745	478,518	118,165	283,065	209,926	402,050
1909.....	1,717,954	507,328	177,216	347,395	226,211	459,813
1907.....	1,853,718	600,540	167,348	345,707	259,442	480,681
1906.....	1,834,786	563,197	189,052	331,962	261,106	489,670
1905.....	1,638,356	528,091	135,694	302,555	231,144	440,272
1910.....	1,710,064	574,015	109,828	259,200	267,766	499,215
1911.....	2,013,549	720,611	103,402	282,017	309,152	568,268
1912.....	2,170,320	731,164	99,899	318,839	348,150	672,396
1913.....	2,428,506	740,290	181,907	321,204	408,807	776,297
1914.....	2,329,684	799,838	137,495	298,219	374,224	724,908
1915.....	2,716,178	591,282	506,963	454,675	355,862	807,496
1915 (6 mos.).....	1,820,393	303,228	157,897	292,720	268,002	798,546
1916.....	5,422,642	815,693	421,284	648,039	912,262	2,625,364
1917.....	6,109,617	832,827	506,762	806,941	1,315,242	2,705,845
1918.....	8,047,875	972,107	547,436	1,405,820	1,053,270	2,099,242
1919.....	7,749,816	1,623,085	678,363	1,962,616	922,246	2,563,805
1920.....	8,080,481	1,882,530	917,991	1,116,605	956,497	3,204,856
1921.....	4,378,928	963,553	673,334	685,025	410,167	1,626,849
1922.....	3,763,091	988,456	406,611	587,987	437,730	1,292,307
1923.....	4,060,715	1,208,468	257,478	583,292	563,719	1,477,789
1924.....	4,497,649	1,332,746	392,601	573,492	610,668	1,589,052
1925.....	4,618,722	1,422,068	317,894	573,753	601,683	1,843,334
1926.....	4,711,721	1,261,325	335,063	503,006	655,547	1,956,781
1927.....	4,758,464	1,192,776	421,107	463,299	699,727	1,981,955
1928.....	5,030,099	1,293,257	294,677	465,811	716,362	2,260,072
1929.....	5,157,083	1,142,352	209,590	464,304	729,013	2,531,623
1930.....	3,781,172	829,098	178,533	362,650	512,802	1,898,089
1931.....	2,377,962	566,791	127,072	246,814	317,647	1,110,667
1932.....	1,576,151	513,659	69,419	152,118	196,727	624,226
1933.....	1,647,220	590,566	48,366	154,606	237,041	616,639
1934.....	2,100,135	652,752	59,032	167,677	341,837	878,839
1935.....	2,243,061	682,952	58,751	157,211	349,858	994,309
1936.....	2,418,969	669,924	58,144	143,796	393,003	1,154,100
1937.....	3,296,920	731,195	104,506	177,744	668,936	1,616,548
1938.....	3,057,169	606,705	248,966	184,124	494,351	1,521,009
1939.....	3,123,343	644,543	119,757	302,453	598,606	1,606,983
1940.....	3,934,181	455,766	74,018	166,671	907,634	2,329,590
1941.....	5,019,877	358,427	83,578	418,457	777,756	3,384,696
1942.....	8,003,113	418,013	67,838	924,699	918,631	5,673,933
1943.....	12,641,542	661,782	109,067	1,550,736	1,089,400	9,430,557
1944.....	14,161,544	553,982	123,826	1,632,605	1,096,674	10,744,477
1945.....	9,584,684	870,588	432,194	1,245,718	779,456	6,256,796
1946.....	9,502,513	1,416,106	648,216	1,523,434	895,822	5,018,894

See footnotes on next page.



**No. 1013.—EXPORTS OF U. S. MERCHANDISE, AND IMPORTS, BY ECONOMIC CLASSES:  
1821 TO 1946—Continued**

[In thousands of dollars]

YEARLY AVERAGE OR YEAR	IMPORTS <sup>4</sup>					
	Total	Crude materials	Crude foodstuffs	Manufactured foodstuffs <sup>1</sup>	Semimanufactures	Finished manufactures
1821.....	54,521	2,540	6,061	10,821	4,079	30,999
1830.....	62,721	4,797	7,382	9,654	5,152	35,735
1840.....	98,259	12,140	15,274	15,189	11,356	44,300
1850.....	173,510	12,556	18,012	21,466	26,163	95,313
1851-1860.....	284,475	27,394	33,286	43,904	35,559	144,332
1861-1865.....	255,439	36,064	36,504	44,613	34,744	103,514
1866-1870.....	408,295	47,814	54,018	81,381	56,632	168,449
1871-1875.....	577,873	93,182	81,602	115,900	78,360	208,709
1876-1880.....	492,570	91,353	89,461	105,865	61,318	144,573
1881-1885.....	667,142	133,268	99,376	127,732	91,625	215,141
1886-1890.....	717,231	162,436	113,130	118,224	113,045	210,396
1891-1895.....	785,137	185,222	146,510	140,726	112,833	199,846
1896-1900.....	741,519	218,517	111,843	118,124	99,005	194,030
1901-1905.....	972,162	324,508	125,644	120,218	161,809	239,983
1906-1910.....	1,344,838	464,809	147,706	158,658	239,577	334,068
1911-1915.....	1,712,319	597,701	219,035	215,144	297,476	382,963
1915-1920 <sup>2</sup> .....	3,358,354	1,347,667	408,152	544,549	574,421	483,566
1921-1925.....	3,450,103	1,290,375	382,539	448,089	609,225	719,875
1926-1930.....	4,033,469	1,484,123	506,616	398,310	762,034	882,385
1931-1935 <sup>3</sup> .....	1,704,267	492,638	265,985	233,963	319,123	392,558
1936-1940.....	2,440,042	807,235	319,603	345,523	510,950	456,731
1910-1914 <sup>3</sup> .....	1,688,874	594,957	203,205	194,312	307,068	389,332
1915-1919 <sup>3</sup> .....	2,514,557	1,039,366	312,059	355,305	443,647	364,180
1905.....	1,117,513	395,826	146,131	145,356	177,828	252,372
1906.....	1,226,562	423,789	134,315	140,358	220,299	307,801
1907.....	1,434,421	487,728	149,748	158,656	274,096	364,193
1908.....	1,194,342	373,889	145,578	147,009	196,248	331,618
1909.....	1,311,920	460,901	164,111	165,701	222,102	299,106
1910.....	1,556,947	577,743	144,777	181,566	285,138	367,723
1911.....	1,527,226	524,817	181,195	172,006	287,786	361,422
1912.....	1,653,265	573,048	230,358	196,101	293,739	360,019
1913.....	1,813,008	649,438	211,747	194,243	349,402	408,179
1914.....	1,803,926	649,740	247,948	227,644	319,276	449,318
1915.....	1,674,170	591,462	223,930	285,725	237,176	335,877
1915 (6 mos.).....	912,787	378,446	130,398	113,441	143,752	146,750
1916.....	2,391,635	1,029,358	260,132	338,707	417,860	345,578
1917.....	2,952,468	1,286,079	385,725	351,553	536,663	392,448
1918.....	3,031,213	1,233,697	345,653	397,370	649,585	404,908
1919.....	3,904,365	1,701,057	545,301	555,808	608,996	493,203
1920.....	5,278,481	1,783,534	577,627	1,238,139	802,456	876,725
1921.....	2,509,148	858,858	300,181	368,311	361,747	620,051
1922.....	3,112,747	1,179,894	329,809	387,419	552,677	662,947
1923.....	3,792,066	1,406,797	363,032	530,208	720,729	771,300
1924.....	3,609,963	1,258,256	424,873	521,600	655,888	749,346
1925.....	4,226,589	1,748,005	494,800	432,906	755,085	795,733
1926.....	4,430,888	1,792,292	539,818	417,817	804,333	876,628
1927.....	4,184,742	1,600,809	504,686	450,849	749,801	878,597
1928.....	4,091,444	1,466,734	549,892	405,814	762,831	906,173
1929.....	4,399,361	1,558,620	538,560	423,622	885,051	993,508
1930.....	3,060,908	1,002,161	400,125	293,448	606,153	757,021
1931.....	2,090,635	642,173	304,828	222,316	372,043	549,275
1932.....	1,322,774	358,325	232,964	173,927	216,967	340,591
1933.....	1,449,559	418,151	215,700	201,493	292,005	322,220
1933 <sup>1</sup> .....	1,433,013	419,632	215,490	191,196	289,612	317,083
1934.....	1,636,003	460,617	254,314	263,547	307,302	350,223
1935.....	2,038,905	582,443	322,327	318,828	409,690	405,617
1936.....	2,423,977	732,965	348,682	386,240	490,238	465,852
1937.....	3,009,852	971,061	413,312	440,056	634,174	551,250
1938.....	1,949,624	576,449	260,117	310,539	384,964	417,555
1939.....	2,276,099	744,860	290,839	313,336	486,766	440,297
1940.....	2,540,056	1,010,841	285,066	277,444	558,606	408,699
1941.....	3,221,954	1,376,440	376,179	322,058	724,226	423,051
1942.....	2,769,285	1,049,682	348,576	274,507	639,506	457,015
1943.....	3,389,951	1,037,237	584,227	421,157	677,505	669,826
1944.....	3,877,895	1,068,578	841,348	520,979	706,235	740,755
1945.....	4,086,017	1,170,996	693,235	461,644	928,291	831,850
1946.....	4,792,110	1,700,180	814,313	502,694	929,937	844,966

<sup>1</sup> Includes beverages.

<sup>2</sup> Period July 1, 1915, to Dec. 31, 1920.

<sup>3</sup> Fiscal years. Shown because of influence of war on trade character.

<sup>4</sup> Revised.

<sup>5</sup> "General imports" through 1933, "imports for consumption" thereafter, except as noted; figures for 1933 shown on both bases.

<sup>6</sup> "General imports" 1931-32, "imports for consumption" 1933-35. <sup>7</sup> "Imports for consumption," see note 5.

Source: See general note, p. 899.

**No. 1014.—EXPORTS AND IMPORTS OF MERCHANDISE, BY ECONOMIC CLASSES—  
PERCENT DISTRIBUTION: 1821 TO 1946**  
[Percentages based on figures shown in table 1013]

YEAR OR YEARLY AVERAGE	PERCENT OF TOTAL EXPORTS OF UNITED STATES MERCHANDISE					PERCENT OF TOTAL IMPORTS				
	Crude materials	Crude food-stuffs	Manufactured food-stuffs <sup>1</sup>	Semi-manufactures	Finished manufactures	Crude materials	Crude food-stuffs	Manufactured food-stuffs <sup>1</sup>	Semi-manufactures	Finished manufactures
1821.....	60.62	4.79	19.51	9.42	5.66	4.66	11.15	19.85	7.48	56.86
1830.....	62.05	4.66	19.32	7.04	9.34	7.65	11.77	15.39	8.22	56.97
1840.....	67.83	4.09	14.27	4.34	9.47	12.86	15.54	15.46	11.56	45.69
1850.....	62.36	5.59	14.54	4.49	12.72	7.24	10.38	12.37	15.08	54.99
1861-1860.....	61.67	6.61	15.39	4.01	12.32	9.63	11.70	15.43	12.50	50.74
1861-1865.....	19.27	22.13	34.42	5.69	17.78	14.12	14.29	17.47	13.00	40.53
1866-1870.....	57.62	9.06	13.75	4.68	14.89	11.71	13.23	19.93	13.87	41.26
1871-1875.....	44.94	15.47	19.59	4.67	15.33	16.12	14.12	20.07	12.56	36.13
1876-1880.....	32.24	23.93	24.39	4.55	14.87	18.55	18.16	21.49	12.45	29.35
1881-1885.....	33.78	21.00	25.50	4.78	14.94	19.98	14.90	19.15	13.73	32.26
1886-1890.....	38.13	14.98	25.01	5.52	15.38	22.65	15.77	16.49	15.76	29.33
1891-1895.....	33.67	17.21	27.23	6.32	15.57	23.59	18.66	17.92	14.57	25.46
1896-1900.....	26.11	18.90	24.01	9.64	21.33	29.47	15.08	15.93	13.35	26.17
1901-1905.....	30.27	12.19	22.16	11.30	24.07	33.38	12.92	12.36	16.65	24.69
1906-1910.....	31.68	8.90	18.12	14.23	27.07	34.56	10.98	11.80	17.62	24.84
1911-1915.....	30.74	8.83	14.32	15.41	30.70	34.91	12.80	12.56	17.37	22.36
1916-1920 <sup>2</sup> .....	18.22	9.16	17.66	15.39	39.58	40.13	12.15	16.21	17.10	14.40
1921-1925.....	27.54	9.74	13.93	12.45	34.33	37.40	11.09	12.99	17.66	20.89
1926-1930.....	24.40	6.40	9.72	14.14	45.35	36.80	12.56	9.88	18.89	21.89
1931-1935.....	30.23	3.85	8.83	14.51	42.57	28.91	15.51	13.73	18.72	23.65
1936-1940.....	19.05	3.77	5.53	19.29	52.36	33.08	13.10	14.16	20.94	18.72
1910-1914 <sup>3</sup> .....	33.48	5.94	13.84	10.03	36.71	35.23	■	11.50	18.18	23.05
1915-1919 <sup>2</sup> .....	16.13	9.62	18.09	16.67	39.47	41.33	12.41	14.13	17.64	14.46
1906.....	32.08	7.92	18.97	14.07	26.96	35.42	■	13.01	15.91	22.58
1907.....	29.63	10.32	20.22	13.17	26.76	34.55	10.96	11.44	17.96	25.10
1908.....	32.40	9.08	18.65	14.00	25.93	34.00	10.44	11.06	19.11	25.39
1909.....	30.70	10.30	18.10	14.23	26.68	31.31	12.19	12.31	16.43	27.77
1910.....	32.27	8.28	18.47	14.11	26.87	35.13	12.51	12.63	16.94	22.89
1911.....	33.57	6.42	15.16	15.66	29.19	37.11	9.30	11.66	18.31	23.63
1912.....	35.79	5.13	14.01	15.35	29.72	34.36	11.67	11.26	18.84	23.67
1913.....	33.69	4.60	14.69	16.04	30.98	34.66	13.98	11.66	17.77	21.76
1914.....	30.48	7.49	13.23	15.83	31.97	35.82	11.11	10.72	19.37	22.31
1915.....	34.33	5.90	12.59	16.06	31.11	34.31	13.09	12.02	16.86	22.72
1916 (6 mos.).....	21.77	18.66	16.74	13.10	29.73	35.33	13.38	17.07	14.17	20.04
1916.....	16.66	8.67	16.08	14.72	43.87	41.46	14.29	12.43	13.75	16.08
1917.....	15.04	7.76	11.96	15.82	48.43	43.04	10.88	14.16	17.47	14.45
1918.....	13.50	8.28	13.08	21.39	43.77	43.56	13.07	11.90	18.18	13.28
1919.....	16.07	9.05	23.25	17.41	34.22	40.70	11.41	13.12	21.43	13.34
1920.....	20.94	8.75	25.32	11.90	33.08	43.57	13.97	14.23	15.60	12.64
1921.....	23.30	11.36	13.82	11.86	39.66	33.79	10.94	23.46	15.20	16.61
1922.....	22.46	15.38	15.66	9.38	37.12	34.23	11.96	14.68	14.41	24.71
1923.....	26.25	12.15	15.62	11.63	34.32	37.91	10.59	12.44	17.76	21.30
1924.....	29.54	6.29	14.26	13.78	36.12	37.10	9.58	13.96	19.00	20.34
1925.....	29.63	8.73	12.75	13.67	35.32	34.86	11.77	14.45	18.17	20.76
1926.....	29.51	6.60	11.90	13.73	38.26	41.36	11.71	10.24	17.87	18.53
1927.....	26.77	7.11	10.67	13.91	41.54	40.47	12.18	9.42	18.16	19.79
1928.....	25.07	8.55	9.74	14.70	41.64	38.26	12.06	10.77	17.92	21.09
1929.....	25.71	5.86	9.26	14.24	44.93	35.85	13.44	9.91	18.65	22.15
1930.....	22.15	5.23	9.40	14.13	49.09	35.43	12.34	9.63	20.12	22.58
1931.....	21.93	4.72	9.59	13.56	50.20	32.74	13.07	■	19.87	24.73
1932.....	23.83	5.34	10.38	13.35	47.10	30.72	14.58	10.63	17.80	26.27
1933.....	32.60	5.67	9.65	12.48	39.60	27.09	17.61	12.15	16.40	25.75
1934.....	35.85	2.94	9.38	14.39	37.44	29.85	14.88	13.90	20.14	22.23
1935 <sup>1</sup> .....	■	■	■	■	■	22.28	14.04	13.54	20.81	22.13
1934.....	31.08	2.81	7.98	16.28	41.85	28.16	15.54	16.11	18.78	21.41
1935.....	30.45	2.62	7.01	15.60	44.33	28.57	15.81	15.64	20.09	19.69
1936.....	27.69	2.40	5.94	16.25	47.71	30.34	14.38	15.93	20.22	19.22
1937.....	22.16	3.17	5.39	20.28	49.00	32.36	13.73	14.62	21.07	18.31
1938.....	19.85	3.14	6.02	16.17	49.82	29.57	13.34	15.93	19.75	21.42
1939.....	17.44	3.56	6.48	19.17	53.37	32.73	12.78	13.77	21.39	19.34
1940.....	11.79	1.88	4.24	22.88	59.21	39.79	11.22	10.92	21.99	16.09
1941.....	7.09	1.66	8.34	15.49	67.43	42.72	11.68	10.00	22.46	13.13
1942.....	5.22	.64	11.55	11.47	70.89	37.90	12.59	9.91	23.09	16.50
1943.....	5.16	.84	12.08	8.48	73.45	30.60	17.23	12.42	19.99	19.76
1944.....	3.91	.94	11.52	7.74	75.87	27.55	■	■	18.21	19.10
1945.....	9.08	4.50	12.99	8.13	65.27	28.66	16.97	11.30	22.73	20.35
1946.....	14.90	6.82	15.03	9.42	52.51	35.48	16.99	10.49	19.41	17.63

<sup>1</sup> Includes beverages.<sup>2</sup> Period July 1, 1915, to Dec. 31, 1920.

Source: See general note, p. 899.

<sup>3</sup> Fiscal years. See note 2, table 1012.<sup>4</sup> Imports for consumption; see notes 5 and 7, table 1013.

**No. 1015.—EXPORTS OF U. S. MERCHANDISE AND IMPORTS—INDEXES OF CHANGES  
IN QUANTITY, UNIT VALUE (PRICE), AND TOTAL VALUE: 1913 TO 1947**

[Quantity and unit value indexes have been constructed by so-called "ideal formula," essential feature of which is use of quantities of several articles as weighting factors of their unit values for each pair of years compared. About 265 commodities were included in direct calculations for both exports and imports. It was then assumed that prices of articles in each economic class not directly covered had moved in parallel with those of articles covered and their value, adjusted by computed price index, was included in aggregative totals from which quantity index for each class was calculated. Index of quantity and unit value of total exports and imports was based on aggregate of adjusted totals of classes. In constructing indexes, data for 1919 were linked directly to 1913, and each subsequent year was compared with that preceding. Resulting year-to-year percentages were made into a series by chain method]

[1923-25 average=100]

YEARLY AVERAGE OR YEAR	Quan- tity	Unit value	Value	Quan- tity	Unit value	Value	Quan- tity	Unit value	Value	Quan- tity	Unit value	Value
<b>EXPORTS OF UNITED STATES MERCHANDISE</b>												
	Total			Crude materials			Crude foodstuffs			Manufactured food- stuffs <sup>1</sup>		
1913.....	84	65	55	123	47	59	81	65	53	73	76	56
1921-1925.....	97	99	96	99	91	90	134	97	130	105	99	104
1926-1930.....	122	86	105	123	70	87	101	92	93	81	97	79
1931-1935.....	78	59	45	105	43	46	46	52	24	49	62	30
1936-1940.....	106	67	71	90	50	45	69	54	37	43	70	30
1938.....	105	65	68	95	47	45	148	52	77	47	68	32
1939.....	110	64	70	86	46	40	79	44	34	55	63	35
1940.....	129	68	88	70	49	35	46	50	23	44	65	29
1941.....	154	73	112	47	56	27	44	59	26	93	77	73
1942.....	201	89	179	48	65	32	30	71	21	150	106	160
1943.....	293	98	287	69	72	50	38	89	34	236	113	269
1944.....	283	112	317	55	75	42	41	101	41	219	128	283
1945.....	192	112	215	87	76	66	122	110	134	170	126	216
1946.....	201	106	213	125	86	107	167	121	201	201	130	264
1947 <sup>2</sup> .....	249	128	319	114	105	119	193	139	269	159	163	259
<b>EXPORTS OF U. S. MERCHANDISE—continued</b>						<b>IMPORTS <sup>3</sup></b>						
	Semimanufactures			Finished manufac- tures			Total			Crude materials		
1913.....	91	72	65	65	73	48	66	70	46	58	72	42
1921-1925.....	88	100	88	90	107	96	94	94	89	97	90	86
1926-1930.....	114	95	108	143	91	130	116	90	104	116	87	101
1931-1935.....	72	65	47	81	64	52	92	48	45	92	36	33
1936-1940.....	127	80	101	148	68	101	113	56	64	107	51	55
1938.....	106	78	83	137	68	93	94	54	51	84	47	39
1939.....	129	78	101	151	67	102	108	55	59	99	51	51
1940.....	179	83	148	196	73	142	113	59	66	123	56	69
1941.....	140	91	127	274	75	207	134	63	84	161	58	94
1942.....	152	98	150	374	93	347	100	72	72	110	65	71
1943.....	175	102	178	558	103	576	112	79	88	97	73	70
1944.....	171	105	179	545	121	657	121	84	101	95	77	72
1945.....	124	103	128	318	120	382	123	87	106	101	79	79
1946.....	137	107	146	293	105	307	131	96	125	146	79	115
1947 <sup>2</sup> .....	206	137	283	424	124	526	125	118	147	136	87	118
<b>IMPORTS <sup>1</sup>—continued</b>												
	Crude foodstuffs			Manufactured food- stuffs <sup>1</sup>			Semimanufactures			Finished manufac- tures		
1913.....	67	77	52	74	54	40	64	75	48	84	64	54
1921-1925.....	98	91	89	96	94	91	87	98	86	93	100	93
1926-1930.....	109	109	118	119	68	80	112	96	107	123	93	114
1931-1935.....	110	56	62	112	44	49	73	62	45	89	58	51
1936-1940.....	133	56	75	149	49	73	101	72	72	102	59	60
1938.....	113	54	61	139	47	66	79	69	55	92	60	55
1939.....	128	53	68	144	46	67	100	69	69	98	59	58
1940.....	131	51	67	132	45	59	104	76	79	82	66	54
1941.....	141	62	88	140	49	68	128	80	103	81	69	56
1942.....	98	83	82	89	65	58	102	88	91	79	76	60
1943.....	151	90	137	127	71	89	104	92	96	104	84	88
1944.....	197	100	197	154	72	111	106	95	100	105	93	97
1945.....	157	103	162	129	76	98	137	96	131	113	96	109
1946.....	147	130	191	123	87	107	123	107	132	100	111	111
1947 <sup>2</sup> .....	130	183	238	130	107	139	130	135	176	93	139	129

<sup>1</sup> Includes beverages.

<sup>2</sup> Preliminary.

<sup>3</sup> Based on general imports through 1933; on imports for consumption thereafter. 1934 indexes obtained by applying to general import indexes percentage changes in imports for consumption from 1933 to 1934.

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce.

# No. 1016.—EXPORTS OF UNITED STATES MERCHANDISE BY COMMODITY GROUPS: 1936 TO 1946

[In thousands of dollars. See general note, p. 899]

COMMODITY	1936- 1940, average	1941- 1945, average	1942	1943	1944	1945	1946
<b>Total exports of domestic merchandise</b>	<b>3,164,518</b>	<b>9,922,153</b>	<b>8,003,113</b>	<b>12,841,542</b>	<b>14,161,544</b>	<b>9,594,584</b>	<b>9,592,513</b>
<b>Group 00.—Animals and animal products, edible, total</b>	<b>67,335</b>	<b>898,206</b>	<b>787,436</b>	<b>1,261,332</b>	<b>1,295,587</b>	<b>853,436</b>	<b>934,206</b>
Animals, edible	492	1,965	621	733	2,956	4,797	9,083
Meat products	26,409	379,553	357,555	616,606	534,842	289,540	341,272
Animal oils and fats, edible	17,141	106,747	92,959	141,580	159,384	100,464	92,788
Dairy products	7,879	181,987	143,042	186,191	260,420	236,221	296,105
Fish	14,097	31,066	27,876	43,244	31,929	30,903	39,629
Other edible animal products	1,837	196,865	165,383	272,979	306,056	191,501	157,332
<b>Group 0.—Animals and animal products, inedible, total</b>	<b>46,598</b>	<b>67,244</b>	<b>51,317</b>	<b>53,437</b>	<b>57,144</b>	<b>102,546</b>	<b>171,548</b>
Hides and skins, raw, except furs	4,509	1,124	1,068	358	439	1,412	11,827
Leather	14,418	20,497	20,477	24,246	20,206	19,547	24,228
Leather manufactures	8,372	27,270	18,933	15,285	46,906	41,455	60,196
Furs and manufactures	14,763	10,976	5,852	7,065	10,453	26,554	48,313
Animal oils and greases, inedible	1,346	3,489	2,581	3,568	4,237	4,805	2,981
Other inedible animals and animal products	2,901	3,868	2,405	2,916	4,905	6,732	34,004
<b>Group 1.—Vegetable food products and beverages, total</b>	<b>226,272</b>	<b>417,809</b>	<b>300,151</b>	<b>394,069</b>	<b>466,646</b>	<b>619,996</b>	<b>1,236,876</b>
Grains and preparations	104,622	174,020	68,594	125,341	150,619	444,247	788,961
Fodders and feeds	9,736	4,124	2,486	1,890	3,293	10,801	5,229
Vegetables and preparations	15,204	83,002	36,099	77,979	105,763	154,402	143,123
Fruits and nuts	76,111	87,718	51,213	80,346	126,190	128,442	171,463
Vegetable oils and fats, edible	3,842	14,038	6,941	27,011	13,305	15,492	18,335
Cocoa and coffee	2,749	1,686	1,345	1,060	954	2,156	10,539
Spices	243	675	508	772	637	811	1,825
Sugar and related products	10,444	31,272	17,569	56,125	37,614	34,894	58,410
Beverages	3,720	21,075	14,497	23,535	28,231	28,752	82,170
<b>Group 2.—Vegetable products, inedible, except fibers and wood, total</b>	<b>194,263</b>	<b>355,861</b>	<b>199,544</b>	<b>420,673</b>	<b>464,810</b>	<b>660,143</b>	<b>712,636</b>
Rubber and manufactures	33,293	118,585	64,464	133,939	185,111	154,862	181,393
Naval stores, gums, and resins	16,117	13,778	12,838	13,658	14,215	12,964	27,289
Drugs, herbs, leaves, and roots, crude	1,798	1,662	905	920	1,445	2,252	5,457
Oilseeds	3,998	5,604	1,433	3,747	1,954	19,646	10,289
Vegetable oils	4,603	30,618	17,460	49,778	60,711	14,116	22,341
Vegetable dyeing and tanning extracts	1,800	1,406	1,262	1,206	1,252	1,200	2,908
Seeds except oilseeds	2,463	13,034	8,683	19,012	15,063	16,246	23,709
Nursery and greenhouse stock	433	447	227	299	511	881	1,198
Tobacco and manufactures	123,099	153,557	77,355	182,413	168,003	257,620	414,399
Miscellaneous vegetable products	6,590	16,390	14,916	15,711	16,546	20,358	24,253
<b>Group 3.—Textiles, total</b>	<b>386,213</b>	<b>523,510</b>	<b>317,099</b>	<b>619,160</b>	<b>613,546</b>	<b>779,681</b>	<b>1,282,656</b>
Cotton, unmanufactured	282,940	151,727	96,599	184,244	114,550	278,678	538,156
Cotton semimanufactures	13,199	14,586	15,523	13,024	12,623	13,830	20,563
Cotton manufactures	47,710	170,752	115,759	179,104	219,784	222,094	354,682
Jute and manufactures	1,968	3,909	3,213	2,485	2,716	6,315	6,241
Flax, hemp, and ramie, and manufactures	527	1,219	841	774	563	2,960	4,189
Other vegetable fibers and manufactures	1,162	2,683	2,066	1,725	4,790	2,614	6,210
Wool, mohair, and Angora rabbit hair, unmanufactured	149	5,500	162	10,426	1,959	14,850	6,747
Wool semimanufactures	2,009	5,748	4,618	7,361	5,494	6,727	11,245
Wool manufactures	2,810	72,775	20,950	66,923	161,047	108,231	108,104
Hair and manufactures	2,156	1,646	1,348	1,335	1,670	2,273	3,845
Silk manufactures	6,838	1,702	1,200	303	303	250	2,330
Rayon and other synthetic textiles	12,397	49,239	36,482	43,392	59,629	71,212	141,329
Miscellaneous textile products	12,327	42,026	17,318	108,065	28,515	40,628	79,025

No. 1016.—EXPORTS OF UNITED STATES MERCHANDISE BY COMMODITY (Groups)  
1936 TO 1946—(Continued)

[In thousands of dollars]

COMMODITY	1936- 1940, average	1941- 1945, average	1942	1943	1944	1945	1946
<b>Group 4.—Wood and paper, total.....</b>	<b>118,374</b>	<b>161,836</b>	<b>141,898</b>	<b>155,236</b>	<b>168,729</b>	<b>196,222</b>	<b>211,196</b>
Wood, unmanufactured.....	4,898	2,423	2,357	2,000	2,002	2,071	0,000
Wood semimanufactures—sawmill products.....	43,162	29,752	20,630	20,355	31,200	34,402	20,370
Wood manufactures.....	16,211	36,039	23,000	30,130	42,070	54,037	60,323
Cork manufactures.....	935	1,871	1,613	1,070	1,070	2,000	2,404
Paper base stocks.....	17,668	19,882	25,035	21,440	10,320	10,000	0,000
Paper and manufactures.....	35,500	72,108	61,855	64,755	73,005	61,007	107,000
<b>Group 5.—Nonmetallic minerals, total.....</b>	<b>466,369</b>	<b>848,002</b>	<b>600,040</b>	<b>793,196</b>	<b>1,240,207</b>	<b>1,001,734</b>	<b>936,400</b>
Coal and related fuels.....	60,745	104,497	151,873	171,731	101,000	100,000	110,000
Petroleum and products.....	345,619	572,845	350,122	510,702	620,000	750,000	450,000
Stone, cement, and lime.....	2,528	8,724	3,000	5,000	10,000	10,000	10,000
Glass and glass products.....	10,310	27,205	22,000	22,000	31,000	30,000	20,000
Clays and clay products.....	9,449	19,550	18,012	18,702	21,000	22,000	20,000
Other nonmetallic minerals, including precious.....	31,718	55,122	53,070	57,700	50,000	50,000	50,000
<b>Group 6.—Metals and manufactures, except machinery and vehicles, total.....</b>	<b>476,637</b>	<b>884,491</b>	<b>935,822</b>	<b>1,055,609</b>	<b>909,341</b>	<b>800,335</b>	<b>727,024</b>
Iron ore.....	3,232	7,250	8,115	8,117	7,100	0,000	0,000
Iron and steel semimanufactures.....	196,955	324,347	355,352	370,000	307,472	250,000	250,000
Steel-mill products—manufactures.....	72,617	218,736	200,140	243,021	243,000	220,000	212,100
Iron and steel, advanced manufactures.....	50,304	116,442	119,910	124,024	117,000	114,000	100,000
Ferro-alloys, ores, and metals, n. e. s.....	13,302	6,710	7,400	7,241	0,415	3,700	2,123
Nonferrous metals, except precious.....	137,421	200,114	205,025	200,000	200,000	110,000	112,000
Precious metals and plated ware, except jewelry, and gold and silver in ore, bullion, and coin.....	2,717	1,873	3,025	717	1,000	2,000	3,000
<b>Group 7.—Machinery and vehicles, total.....</b>	<b>912,154</b>	<b>4,274,262</b>	<b>3,344,843</b>	<b>5,933,642</b>	<b>6,775,400</b>	<b>3,437,003</b>	<b>4,223,000</b>
Electrical machinery and apparatus.....	105,000	257,000	150,000	200,000	400,000	200,000	200,000
Industrial machinery.....	251,000	675,000	724,000	800,000	800,000	100,000	0,000
Office appliances.....	20,000	17,000	14,000	11,000	14,000	22,000	10,000
Printing machinery.....	0,000	4,000	3,000	3,000	3,000	0,000	12,000
Agricultural machinery and implements.....	0,000	11,000	70,000	100,000	100,000	100,000	100,000
Automobiles and other vehicles.....	417,000	3,201,262	2,000,000	4,000,000	5,000,000	2,000,000	2,000,000
<b>Group 8.—Chemicals and related products, total.....</b>	<b>153,000</b>	<b>300,000</b>	<b>347,737</b>	<b>474,340</b>	<b>472,443</b>	<b>413,434</b>	<b>340,112</b>
Coal-tar products.....	10,000	22,000	20,000	20,000	20,000	20,000	20,000
Medicinal and pharmaceutical preparations.....	20,000	70,000	43,000	10,000	10,000	10,000	10,000
Chemical specialties.....	20,000	0,000	0,000	0,000	0,000	0,000	0,000
Industrial chemicals.....	20,000	0,000	0,000	0,000	0,000	0,000	0,000
Pigments, dyes, and colorants.....	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Fertilizers and related products.....	20,000	10,000	10,000	10,000	10,000	10,000	10,000
Explosives.....	20,000	10,000	10,000	10,000	10,000	10,000	10,000
Soap and other preparations.....	20,000	10,000	20,000	20,000	20,000	20,000	20,000
<b>Group 9.—Miscellaneous, total.....</b>	<b>119,000</b>	<b>1,001,000</b>	<b>1,017,000</b>	<b>1,000,000</b>	<b>1,001,000</b>	<b>100,000</b>	<b>0,000</b>
Plastics.....	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Scientific and photographic apparatus.....	20,000	10,000	20,000	20,000	20,000	20,000	20,000
Musical instruments.....	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Minor manufactures.....	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Tools, machine and other parts.....	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Furniture and household goods.....	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Books, maps, and other printed matter.....	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Clothing and accessories.....	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Art works.....	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Jewelry.....	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Miscellaneous.....	20,000	20,000	20,000	20,000	20,000	20,000	20,000

Source: U. S. Census Bureau, Bureau of Economic Warfare.

## No. 1017.—IMPORTS OF MERCHANDISE BY COMMODITY GROUPS: 1936 to 1946

[In thousands of dollars. Represents imports for consumption. See general note, p. 890]

COMMODITY	1936-1940, average	1941-1945, average	1942	1943	1944	1945	1946
<b>Total imports of merchandise</b> .....	<b>2,440,042</b>	<b>3,469,020</b>	<b>2,762,285</b>	<b>3,329,951</b>	<b>3,877,896</b>	<b>4,084,017</b>	<b>4,732,110</b>
<b>Group 00.—Animals and animal products, edible, total</b> .....	<b>90,761</b>	<b>103,965</b>	<b>88,415</b>	<b>103,457</b>	<b>107,327</b>	<b>124,646</b>	<b>100,720</b>
Animals, edible.....	16,535	21,225	23,746	19,098	17,636	23,006	28,131
Meat products.....	28,064	28,823	25,859	31,943	31,873	29,006	16,363
Animal oils and fats, edible.....	661	791	1,037	746	1,548	199	9
Dairy products.....	13,013	4,767	7,840	5,211	2,377	3,806	11,403
Fish.....	30,819	46,090	28,953	43,556	53,338	75,261	89,703
Other edible animal products.....	2,670	2,368	981	2,902	1,155	4,210	5,148
<b>Group 0.—Animals and animal products, inedible, total</b> .....	<b>169,882</b>	<b>236,821</b>	<b>192,465</b>	<b>218,218</b>	<b>232,814</b>	<b>272,136</b>	<b>406,997</b>
Hides and skins, raw (except furs).....	50,601	57,789	77,848	66,288	61,416	49,964	77,799
Leather.....	8,748	14,355	12,789	11,996	14,731	22,967	37,067
Leather manufactures.....	7,644	9,361	4,300	10,066	11,398	17,853	33,189
Furs and manufactures.....	69,781	107,797	69,231	90,736	125,800	144,148	238,036
Animal oils, fats, and greases, inedible.....	6,512	9,820	7,440	16,585	12,280	7,026	6,899
Other animals and animal products, inedible.....	26,606	27,699	20,872	22,534	27,009	30,188	63,545
<b>Group 1.—Vegetable food products and beverages, total</b> .....	<b>574,365</b>	<b>664,797</b>	<b>534,665</b>	<b>601,927</b>	<b>1,254,590</b>	<b>1,018,213</b>	<b>1,166,254</b>
Grains and preparations.....	44,342	112,286	17,267	144,008	307,054	79,363	24,839
Fodders and feeds.....	11,318	16,397	10,413	15,349	23,272	20,271	28,464
Vegetables and preparations.....	19,413	29,678	14,066	34,580	37,181	42,932	51,956
Fruits and nuts.....	59,902	63,291	33,190	41,238	68,054	100,815	143,253
Vegetable oils and fats, edible.....	17,503	8,427	6,822	4,862	10,276	18,622	8,461
Cocoa, coffee, and tea.....	191,568	331,852	242,287	342,989	403,986	424,342	565,011
Spices.....	12,601	15,689	14,396	11,040	13,263	19,844	27,973
Sugar and related products.....	152,536	211,915	142,362	272,132	280,698	235,863	223,281
Beverages.....	65,292	75,262	51,822	85,731	117,765	70,171	96,045
<b>Group 2.—Vegetable products, inedible, except fibers and wood, total</b> .....	<b>393,550</b>	<b>369,791</b>	<b>283,971</b>	<b>221,632</b>	<b>241,881</b>	<b>273,928</b>	<b>596,557</b>
Rubber and manufactures.....	211,308	165,642	125,469	44,368	105,513	128,466	238,493
Gums, resins, and balsams, n. e. s.....	12,758	25,118	21,140	21,006	30,463	27,197	50,624
Drugs, herbs, leaves, roots, etc.....	10,398	17,050	12,470	12,276	20,492	26,426	32,323
Oilseeds.....	40,086	40,564	33,679	45,407	52,875	34,746	52,693
Vegetable oils.....	60,773	45,662	35,774	36,993	45,908	49,067	57,295
Dyeing and tanning materials, n. e. s.....	6,790	11,852	11,750	11,091	10,055	14,730	16,668
Seeds, except oilseeds.....	5,512	3,932	2,790	3,210	3,927	6,728	7,867
Nursery and greenhouse stock.....	2,256	1,602	903	720	802	4,519	9,777
Tobacco and manufactures.....	37,706	64,223	37,700	43,377	66,147	82,474	89,636
Miscellaneous vegetable products.....	5,263	4,146	2,295	3,284	5,897	5,544	11,251
<b>Group 3.—Textiles, total</b> .....	<b>362,072</b>	<b>461,117</b>	<b>473,013</b>	<b>448,214</b>	<b>579,317</b>	<b>499,327</b>	<b>763,212</b>
Cotton, unmanufactured.....	11,425	20,309	20,136	17,270	12,762	28,666	49,657
Cotton semimanufactures.....	3,464	2,740	1,504	2,660	2,004	4,061	9,072
Cotton manufactures.....	38,736	16,302	8,888	8,853	9,541	33,817	35,379
Jute and manufactures.....	47,066	63,265	44,519	63,733	66,836	74,243	96,995
Flax, hemp, and ramie, and manufactures.....	27,450	12,556	17,324	10,911	7,223	9,003	33,007
Other vegetable fiber and manufactures.....	25,993	41,764	31,462	39,100	47,492	60,574	46,209
Wool, including mohair, etc., unmanufactured.....	61,291	247,905	311,338	295,763	196,234	241,300	289,726
Wool semimanufactures.....	6,405	6,496	6,803	5,809	6,114	5,682	9,517
Wool manufactures.....	19,601	16,067	20,010	10,570	11,248	18,853	31,589
Hair and manufactures, n. e. s.....	4,117	8,200	9,038	6,527	8,700	10,216	11,663
Silk, unmanufactured.....	109,947	13,021	165	7	29	2,046	102,567
Silk manufactures.....	8,260	2,228	1,776	1,069	1,419	2,668	7,408
Manufactures of rayon or other synthetic textiles.....	7,615	2,186	751	440	1,149	5,390	19,743
Miscellaneous textile products.....	10,594	8,267	4,301	5,501	9,564	13,327	21,064



No. 1017.—IMPORTS OF MERCHANDISE BY COMMODITY GROUPS: 1936 TO 1946—  
Continued

[In thousands of dollars]

COMMODITY	1936- 1940, average	1941 1945, average	1942	1943	1944	1945	1946
<b>Group 4.—Wood and paper, total</b>	<b>251,779</b>	<b>327,821</b>	<b>316,924</b>	<b>297,311</b>	<b>217,142</b>	<b>394,211</b>	<b>554,573</b>
Wood, unmanufactured	7,903	11,182	8,571	8,767	13,079	13,738	18,565
Wood semifinufactures—sawmill products	19,328	50,280	55,916	39,824	51,485	57,299	78,348
Wood manufactures	11,371	11,569	12,061	8,661	10,846	13,114	22,028
Cork and manufactures	5,572	9,023	8,231	6,070	7,962	12,044	16,475
Paper base stocks	93,395	101,123	93,224	95,475	92,156	140,484	165,843
Paper and manufactures	123,911	144,645	138,821	138,814	141,604	157,542	253,625
<b>Group 5.—Nonmetallic minerals, total</b>	<b>137,176</b>	<b>248,652</b>	<b>160,726</b>	<b>262,388</b>	<b>280,088</b>	<b>336,879</b>	<b>428,111</b>
Coal and related fuels	4,844	4,297	4,454	5,709	3,871	3,026	2,942
Petroleum and products	47,854	93,981	36,918	86,223	113,352	151,959	169,439
Stone, cement, lime, and gypsum	3,684	9,547	9,944	12,214	12,203	7,535	6,398
Glass and glass products	6,192	1,054	954	899	985	1,263	4,062
Clays and clay products	9,515	6,175	4,886	4,806	6,387	7,610	9,783
Other nonmetallic minerals	21,486	46,894	52,993	59,455	42,969	38,478	42,012
Precious stones and imitations	44,034	84,133	50,578	94,082	100,320	127,000	203,445
<b>Group 6.—Metals and manufactures, except machinery and vehicles, total</b>	<b>242,551</b>	<b>512,999</b>	<b>483,875</b>	<b>491,920</b>	<b>495,649</b>	<b>585,194</b>	<b>763,125</b>
Iron ore and concentrates	5,697	3,088	2,143	1,827	2,008	4,114	10,371
Iron and steel semifinufactures	4,840	1,794	1,656	3,395	2,182	2,402	2,313
Steel-mill products—manufactures	10,807	8,811	4,470	4,965	6,298	7,927	4,621
Iron and steel, advanced manufactures	2,892	3,178	4,553	2,708	3,508	3,099	3,884
Ferro-alloys	25,513	64,793	62,094	72,837	74,410	60,479	58,331
Nonferrous metals, except precious	183,770	420,513	396,876	392,617	383,500	487,492	261,746
Precious metals, jewelry, and plated ware, except gold and silver in ore, bullion, and coin	9,042	13,782	12,083	13,870	14,954	19,592	21,859
<b>Group 7.—Machinery and vehicles, total</b>	<b>17,332</b>	<b>83,125</b>	<b>49,773</b>	<b>69,599</b>	<b>161,274</b>	<b>121,525</b>	<b>44,239</b>
Electrical machinery and apparatus	2,075	14,438	20,294	26,394	19,053	8,577	3,430
Industrial, office and printing machinery	9,074	9,999	16,816	7,693	6,839	11,592	11,508
Agricultural machinery and implements	4,519	6,051	3,119	2,514	7,423	10,446	17,253
Automobiles and other vehicles, except agricultural	1,864	52,638	9,545	33,080	125,959	93,910	11,997
<b>Group 8.—Chemicals and related products, total</b>	<b>79,662</b>	<b>130,741</b>	<b>88,268</b>	<b>202,540</b>	<b>166,455</b>	<b>144,608</b>	<b>99,344</b>
Coal-tar chemicals	15,501	9,719	5,881	9,008	12,462	11,877	6,283
Medicinal and pharmaceutical preparations	4,847	7,920	2,650	4,894	13,278	10,189	8,392
Industrial chemicals	19,036	28,835	24,272	26,248	38,595	37,773	38,137
Pigments, paints, and varnishes	1,605	780	572	282	1,145	1,054	1,336
Fertilizers and materials	35,250	31,688	26,917	32,920	35,506	41,327	35,097
Explosives	621	49,401	27,541	126,578	53,610	37,795	1,922
Soap and toilet preparations	2,801	2,396	1,454	1,614	1,868	4,593	8,227
<b>Group 9.—Miscellaneous, total</b>	<b>90,412</b>	<b>131,861</b>	<b>92,047</b>	<b>151,759</b>	<b>149,058</b>	<b>197,837</b>	<b>169,844</b>
Photographic goods	6,601	1,433	1,294	840	830	1,744	2,100
Scientific and professional instruments, apparatus, and supplies, n. e. s.	2,047	1,523	792	3,926	1,106	1,209	950
Musical instruments	3,795	1,211	893	1,124	946	2,067	6,844
Toys, athletic and sporting goods	2,984	800	423	169	489	1,543	2,868
Firearms	294	13,080	7,961	30,517	14,504	12,411	430
Books and other printed matter	8,388	5,894	3,721	4,263	5,635	8,654	11,783
Clocks, watches, etc.	10,275	38,652	24,256	44,678	47,101	59,816	64,821
Art works	19,224	3,678	2,901	1,580	3,392	5,391	18,591
Miscellaneous articles, n. e. s.	35,824	66,090	49,796	64,702	75,055	106,062	61,466

Source: See general note, p. 899.

## No. 1018.—EXPORTS OF UNITED STATES MERCHANDISE—VALUE OF SELECTED ARTICLES: 1821 TO 1946

[For basis of dollar values, except export figures for 1865 and 1870-78, see general note, p. 899. Export figures for those years are mixed gold and currency values. Figures are for fiscal years ending Sept. 30 through 1890, and June 30, 1890 through 1915; calendar years thereafter. In some cases blanks represent entire absence of trade; in other cases the item is not available separately]

[In thousands of dollars]

YEAR OR YEARLY AVERAGE	Meat products	Animal fats and oils	Leather	Rye	Wheat (including flour)	Oil cake and oil-cake meal	Fruits and nuts	Rubber and manufactures	Naval stores, gums, and resins	Tobacco, unmanufactured
1821					4,476				315	5,549
1830					6,132		24		550	5,598
1840					11,779		55		666	9,664
1850					7,742		25		1,372	9,961
1860	5,060	6,200	693		19,535	1,609	206	241	3,986	15,907
1865	20,696	14,473	669	169	46,905	2,267	415	291	343	41,638
1870	11,630	9,909	111	317	68,341	3,419	543	186	3,277	31,100
1871-1875	33,937	26,773	3,785	710	62,188	4,195	1,136	212	5,192	24,475
1876-1880	66,660	35,496	7,256	2,194	133,946	6,268	1,831	262	4,511	28,680
1881-1885	69,344	37,492	7,374	2,185	157,600	6,561	2,893	560	6,364	19,407
1886-1890	59,734	35,168	9,167	380	106,331	7,143	3,724	857	6,009	23,065
1891-1895	82,184	51,133	11,931	2,570	147,211	8,565	4,075	1,450	7,536	22,896
1896-1900	160,856	53,369	18,703	4,075	148,176	12,300	5,394	2,280	9,934	26,299
1901-1905	110,948	70,933	24,019	1,311	131,029	19,470	14,778	4,606	13,898	29,801
1906-1910	93,563	87,326	31,234	960	117,768	23,472	16,531	7,831	19,438	33,186
1911-1915	81,315	83,806	44,656	3,013	172,788	25,570	31,866	13,362	21,832	46,064
1916-1920	401,251	166,868	110,215	52,009	512,963	21,979	61,501	46,420	20,417	139,508
1921-1925	139,833	144,085	44,287	39,475	321,864	24,696	82,869	39,003	22,379	164,506
1926-1930	77,969	118,071	47,481	14,767	230,647	24,392	122,234	67,366	30,353	144,549
1931-1935	28,724	36,987	17,120	139	39,237	7,613	84,798	22,961	14,722	103,743
1936-1940	26,409	18,183	14,418	1,892	55,708	8,188	76,111	23,293	16,117	109,798
1941-1945	379,553	109,169	20,497	1,580	104,941	908	87,716	118,585	13,778	137,730
1905	99,035	70,158	28,058	21	44,082	21,777	15,607	5,509	16,107	29,801
1906	114,070	92,110	29,317	925	87,664	23,992	15,374	6,544	20,076	28,608
1907	107,571	94,098	32,058	573	122,390	26,416	17,588	7,429	21,687	33,377
1908	102,045	92,076	28,970	2,201	163,907	21,667	14,339	7,574	21,642	24,727
1909	81,773	86,575	30,413	1,064	119,232	25,836	16,568	7,433	15,101	30,903
1910	61,758	71,769	37,414	184	95,428	19,251	18,686	10,176	18,682	36,115
1911	66,391	85,665	37,200	27	71,427	19,631	24,496	12,453	25,023	39,255
1912	71,874	85,512	41,798	22	79,477	26,229	30,664	12,823	26,785	42,362
1913	68,018	88,573	42,384	1,282	142,208	29,444	37,079	14,325	26,471	49,354
1914	68,443	80,562	36,669	1,586	142,468	21,688	31,850	12,441	19,682	53,984
1915	131,850	78,720	65,229	15,150	428,422	28,879	34,933	14,768	11,127	44,449
1916 (6 mos.) <sup>a</sup>	90,466	33,806	42,079	7,556	146,718	14,978	22,549	15,841	5,430	30,454
1916	198,000	85,002	100,498	19,380	313,240	33,253	37,345	33,904	16,289	62,833
1917	273,908	99,666	80,817	27,960	384,272	15,810	35,332	34,788	14,401	45,574
1918	667,527	181,421	55,127	31,065	505,266	2,785	32,373	31,601	10,236	122,916
1919	697,707	326,290	218,784	74,211	650,351	36,041	126,265	53,866	31,434	259,996
1920	279,270	191,587	108,876	125,878	821,448	18,012	64,390	85,437	34,503	245,532
1921	157,122	140,406	31,787	44,589	550,752	24,489	70,157	30,786	11,449	206,123
1922	140,175	116,263	45,471	46,075	291,821	19,898	73,864	34,009	18,510	146,499
1923	153,677	157,508	42,834	29,021	204,641	19,831	68,619	36,972	24,820	153,499
1924	121,156	157,994	49,188	40,204	328,324	27,690	97,689	40,422	25,309	164,130
1925	127,033	148,257	52,155	37,484	233,784	31,666	102,015	52,630	31,809	153,787
1926	106,837	134,626	49,815	12,379	294,872	26,458	111,797	60,733	36,665	136,919
1927	71,011	115,476	54,003	36,913	324,836	30,186	121,663	70,691	34,335	139,697
1928	67,722	118,831	55,178	17,567	193,743	27,198	129,324	69,545	26,433	164,465
1929	78,756	123,609	42,943	3,696	192,292	28,414	137,467	76,653	31,232	146,088
1930	65,612	87,612	35,468	278	157,494	9,706	110,916	58,906	22,693	145,609
1931	35,853	60,377	25,612	101	84,227	11,181	100,329	36,711	14,328	110,790
1932	18,967	37,819	13,180	560	51,144	6,715	77,320	18,864	11,838	65,901
1933	25,507	40,327	13,779	24	18,592	8,646	69,657	17,820	15,185	82,924
1934	35,168	31,333	15,807	5	27,086	6,948	74,210	21,761	14,991	125,064
1935	28,323	15,678	17,253	5	15,138	5,577	93,475	22,147	17,071	134,043
1936	25,426	16,303	16,394	4	19,350	6,324	80,607	23,444	18,924	137,332
1937	24,670	17,889	17,335	3,750	63,977	11,456	82,164	32,079	22,141	134,520
1938	28,470	19,536	12,060	2,299	101,236	9,561	99,061	27,181	12,329	155,671
1939	31,732	23,035	13,042	71	61,390	9,021	83,216	39,355	15,094	77,423
1940	21,745	14,182	13,261	834	92,568	4,576	25,808	44,405	12,098	44,045
1941	99,223	41,201	18,007	14	35,383	992	62,899	34,550	15,214	65,290
1942	357,554	94,887	20,477	35	27,635	1,147	51,213	64,464	12,836	67,906
1943	616,606	144,061	24,246	136	65,837	791	80,346	183,938	13,668	170,251
1944	534,842	162,866	20,206	77	75,997	873	126,190	185,111	14,215	146,440
1945	289,540	102,832	19,547	7,639	339,862	739	128,442	164,862	12,964	238,803
1946	341,272	95,327	24,228	6,909	609,749	177	171,463	181,892	27,389	351,821

See footnotes on next page.

## No. 1018.—EXPORTS OF UNITED STATES MERCHANDISE—VALUE OF SELECTED ARTICLES: 1821 TO 1946—Continued

(In thousands of dollars)

YEAR OR YEARLY AVERAGE	Cotton, unmanufactured	Cotton manufactures <sup>1</sup>	Saw-mill products	Other wood manufactures	Coal and coke	Petroleum and products	Iron and steel-mill products	Copper and manufactures	Machinery, all classes	Automobiles including engines and parts
1821.....	20,157		1,513					27		
1830.....	29,578	1,318	1,650	428				37		
1840.....	63,870	3,550	2,072	921				87		
1850.....	71,965	4,734	2,545	2,279	167			105		
1860.....	191,807	10,935	3,714	5,318	741			1,604		
1865.....	6,836	3,452	8,124	10,157	1,371	15,766	1,190	1,545	7,222	
1870.....	227,028	3,787	4,921	7,625	1,306	32,869	539	1,042	5,783	
1871-1875.....	203,624	3,196	6,833	9,024	2,539	36,913	1,115	749	8,373	
1876-1880.....	183,530	10,047	7,848	7,916	2,474	43,808	1,185	2,564	8,357	
1881-1885.....	218,763	12,693	11,729	9,415	4,077	47,753	1,322	3,951	13,552	
1886-1890.....	224,614	12,423	13,369	8,853	5,747	51,151	1,922	7,306	13,662	
1891-1895.....	230,743	13,354	14,933	9,543	10,184	49,344	3,241	14,392	22,061	
1896-1900.....	220,894	20,494	22,778	13,475	14,005	68,766	20,438	36,745	50,125	
1901-1905.....	335,443	31,338	35,117	16,743	20,157	82,200	32,759	54,942	77,958	
1906-1910.....	437,582	35,141	51,677	20,153	38,825	103,803	54,297	92,334	113,963	5,292
1911-1915.....	537,044	52,525	62,458	23,608	58,648	137,466	96,313	123,655	158,907	35,805
1915-1920 <sup>2</sup> .....	768,361	214,697	83,213	33,973	151,590	349,316	491,191	208,909	354,216	157,775
1921-1925.....	804,985	183,052	88,233	27,090	131,112	406,267	166,776	129,761	320,048	177,164
1926-1930.....	765,674	124,079	104,580	32,848	121,800	525,265	170,666	149,999	488,042	406,164
1931-1935.....	366,539	45,423	38,373	12,622	51,678	232,081	62,931	39,920	212,499	146,303
1936-1940.....	282,940	60,909	43,162	16,211	66,745	345,619	250,571	87,680	494,612	278,114
1941-1945.....	161,727	185,337	29,752	36,039	164,497	572,845	543,083	79,333	1,072,968	456,273
1905.....	381,399	49,066	37,289	17,200	31,387	87,582	45,402	87,564	88,748	2,491
1906.....	401,000	52,944	44,995	19,631	30,632	92,850	61,183	89,179	108,379	3,497
1907.....	481,278	32,305	59,124	20,082	37,741	93,887	55,451	96,601	125,255	5,502
1908.....	437,788	25,178	54,721	21,943	42,074	112,857	57,820	105,873	120,581	5,278
1909.....	417,391	31,879	45,109	18,983	40,069	112,446	46,630	86,706	98,983	5,992
1910.....	450,447	33,397	54,437	20,124	43,590	106,977	60,403	80,309	116,718	11,190
1911.....	585,319	40,852	63,963	23,368	48,314	105,494	78,700	104,908	151,205	15,509
1912.....	565,849	50,770	67,659	24,819	55,587	122,789	102,385	117,063	160,645	26,435
1913.....	547,357	51,510	78,061	29,858	68,418	149,793	124,222	143,124	194,738	32,982
1914.....	610,475	40,246	71,252	25,169	62,711	161,747	90,920	151,472	167,909	34,591
1915.....	376,218	70,247	31,357	15,024	58,211	147,507	85,247	101,690	119,990	69,510
1915 (6 mos.) <sup>3</sup> .....	157,548	48,714	19,879	9,166	37,236	83,783	100,894	70,033	94,935	59,647
1916.....	545,229	127,052	35,025	18,854	72,500	221,130	375,975	236,859	278,071	123,064
1917.....	575,304	157,267	42,325	24,579	118,956	275,153	644,924	362,871	355,658	124,476
1918.....	674,123	179,106	56,763	25,453	119,742	371,176	632,219	206,732	269,951	100,889
1919.....	1,137,371	270,235	79,616	48,507	125,565	377,124	449,939	130,790	361,960	156,426
1920.....	1,136,409	398,458	114,064	60,296	359,805	592,868	497,601	141,717	587,671	303,262
1921.....	534,242	115,539	54,939	25,633	170,983	401,229	236,126	97,598	408,465	83,749
1922.....	673,250	136,679	69,511	22,864	85,562	345,509	136,218	103,874	233,865	103,202
1923.....	607,103	136,188	106,948	29,777	160,614	366,790	167,065	129,220	281,121	170,612
1924.....	966,581	130,687	106,271	27,976	115,964	443,783	150,369	156,646	310,299	200,872
1925.....	1,059,751	146,107	103,497	32,201	107,035	474,027	144,102	161,166	366,491	318,396
1926.....	814,429	128,708	101,897	33,431	203,864	555,433	174,101	141,264	398,372	320,179
1927.....	826,306	133,186	111,387	34,276	109,687	486,772	160,547	150,214	432,826	388,528
1928.....	920,008	134,642	113,052	33,271	99,515	526,742	179,647	169,831	491,411	501,594
1929.....	770,830	135,115	114,676	36,899	106,151	502,117	200,143	183,404	604,373	541,396
1930.....	490,798	88,684	81,886	26,365	89,762	495,262	138,893	105,342	513,236	279,127
1931.....	325,667	60,070	47,124	17,123	64,542	271,288	63,189	54,748	315,998	148,125
1932.....	345,164	45,524	27,008	8,997	44,543	208,992	28,855	21,237	131,267	76,255
1933.....	396,212	39,351	32,829	11,022	40,409	200,685	45,531	24,918	132,324	90,630
1934.....	372,755	43,461	43,595	12,896	50,884	228,313	88,678	49,765	217,981	190,216
1935.....	390,898	38,708	42,253	13,064	52,014	251,125	88,405	48,933	264,926	227,299
1936.....	361,028	43,678	44,573	14,076	56,572	264,535	111,859	50,663	334,807	240,213
1937.....	368,660	59,662	55,740	16,218	67,351	378,128	300,086	93,626	479,061	346,887
1938.....	228,647	56,986	37,647	13,677	55,808	390,216	184,242	66,809	486,312	270,427
1939.....	242,965	68,318	41,212	14,341	66,674	385,009	235,674	97,185	502,081	253,722
1940.....	213,400	75,903	36,827	20,746	87,229	310,145	515,995	110,119	670,738	254,322
1941.....	82,562	134,946	30,095	21,232	119,381	284,853	501,100	47,680	739,928	338,681
1942.....	96,599	131,282	26,630	23,509	151,573	350,122	591,501	82,348	762,551	432,851
1943.....	184,244	102,129	26,355	38,139	171,731	516,760	614,606	108,719	1,193,567	278,620
1944.....	114,550	232,407	31,280	42,678	181,540	959,006	550,763	102,697	1,477,532	643,344
1945.....	278,678	235,924	34,402	54,637	198,258	753,084	457,446	55,212	1,190,951	587,868
1946.....	538,185	375,244	50,370	36,323	315,923	435,794	447,158	38,587	1,367,840	548,556

Excludes inedible fish oils. Excludes "lard compounds" beginning 1921; now classified as "vegetable cooking oil."

<sup>1</sup> Average for period July 1, 1915, to Dec. 31, 1920.<sup>2</sup> July to December.<sup>3</sup> Includes semimanufactures.

Source: See general note, p. 899.

## No. 1019.—IMPORTS—VALUE OF SELECTED COMMODITIES: 1821 to 1946.

[For basis of dollar values, see general note, p. 899. Figures represent "general imports" through 1933, "imports for consumption" thereafter, except as indicated. Figures cover fiscal years ending Sept. 30 through 1840, and June 30, 1880 through 1915; calendar years thereafter. In some cases blanks represent entire absence of trade; in other cases the item is not available separately.]

[In thousands of dollars]

YEAR OR YEARLY AVERAGE	Hides and skins	Furs, and manu- factures <sup>1</sup>	Fruits and nuts	Vegetable oils and fats, ex- pressed or ex- tracted	Coffee	Sugar <sup>2</sup>	Rubber, crude	Tobacco, un- manu- factured	Cotton manu- factures <sup>3</sup>	Barley
1821	893	224	181		4,490	3,554			7,391	
1830	2,410	306	520	18	4,227	4,631			7,863	
1840	2,756	423	1,405	253	8,546	5,581			6,504	
1850	4,799	1,014	1,191	922	11,236	7,556		273	20,781	
1860	10,525	1,838	4,804	1,619	21,884	31,079	1,427	1,360	33,216	
1865	4,550	2,309	2,265	634	11,242	27,326	1,223	532	9,224	
1870	14,402	2,236	7,417	2,153	24,235	56,924	3,460	2,534	23,380	
1871-1875	16,649	3,704	10,967	1,097	43,737	76,754	5,391	4,725	31,263	
1876-1880	18,237	4,680	11,486	1,230	54,011	73,678	5,998	4,000	22,118	
1881-1885	25,179	7,286	17,860	1,697	48,257	87,006	12,732	6,188	31,739	
1886-1890	24,373	7,161	19,584	1,898	62,504	83,614	13,791	11,176	28,568	4,522
1891-1895	25,208	9,707	21,322	3,026	98,220	105,946	17,763	12,810	29,482	4,526
1896-1900	39,075	9,224	17,461	3,716	67,830	88,795	24,806	11,355	33,694	8,820
1901-1905	56,268	15,603	23,034	7,350	69,450	77,440	34,823	16,743	47,839	14,368
1906-1910	82,519	21,409	33,692	14,002	73,496	92,286	60,637	24,905	67,861	22,730
1911-1915	102,967	19,341	43,033	26,554	108,970	118,240	82,736	31,676	63,049	30,749
1916-1920 <sup>4</sup>	201,517	47,620	61,756	84,462	166,265	393,906	192,149	51,012	65,816	62,891
1921-1925	93,067	80,552	75,499	59,652	205,792	296,369	192,922	64,631	86,566	60,406
1926-1930	118,003	114,785	84,868	81,940	281,707	207,318	194,428	67,018	63,627	72,289
1931-1935 <sup>5</sup>	39,795	43,125	48,407	45,012	141,173	113,110	74,573	27,118	34,472	26,141
1936-1940	50,591	69,781	59,902	72,768	137,736	138,521	206,312	34,294	42,189	35,887
1941-1945	67,789	107,798	93,291	43,840	266,638	171,976	161,646	50,496	18,942	60,074
1908	54,770	15,818	26,874	12,360	67,688	80,258	36,613	22,870	66,826	23,225
1909	78,487	21,087	30,444	14,622	79,112	96,555	61,710	25,401	63,232	19,780
1910	112,248	26,598	36,661	21,639	69,104	100,349	101,079	27,751	68,033	21,446
1911	70,505	23,619	39,978	28,071	90,568	96,001	76,246	27,856	67,004	21,104
1912	102,476	24,986	42,567	25,187	117,827	115,515	93,013	31,919	65,175	24,369
1913	117,386	24,102	41,091	25,191	118,963	103,640	90,170	35,919	66,067	37,774
1914	120,290	13,836	51,020	30,650	110,725	101,486	71,230	35,029	70,723	42,431
1915	104,177	10,162	40,504	23,699	100,760	173,867	83,030	27,157	46,256	28,089
1916 (6 mos.) <sup>6</sup>	67,579	8,940	20,895	10,964	54,304	67,425	58,858	9,384	20,767	16,009
1916	172,603	21,060	44,749	40,081	118,813	227,319	159,745	26,856	54,609	36,089
1917	209,730	29,038	44,744	66,307	123,607	221,990	233,221	33,472	56,676	53,704
1918	108,044	34,194	48,722	111,312	99,423	241,390	146,378	54,040	40,701	60,279
1919	306,510	76,278	78,991	127,833	261,270	393,171	215,820	75,146	62,632	66,022
1920	243,878	92,399	101,551	108,026	252,451	1,015,188	242,796	61,630	137,563	89,329
1921	67,561	40,526	73,532	39,880	142,809	235,287	73,773	54,172	75,430	41,377
1922	107,039	68,614	72,409	59,042	160,854	251,905	101,843	66,000	87,070	49,256
1923	118,917	88,562	70,463	64,686	190,232	380,090	165,060	57,168	100,153	66,972
1924	75,052	88,299	72,335	59,667	248,828	363,656	174,231	75,362	90,914	59,366
1925	96,764	116,755	88,664	74,985	286,235	246,008	429,705	71,464	79,271	55,028
1926	90,811	119,650	87,560	79,060	322,746	232,534	505,818	80,570	67,159	62,269
1927	112,846	138,025	84,721	78,659	264,275	258,163	339,859	74,617	66,197	67,249
1928	150,810	121,711	89,667	77,919	309,644	207,048	244,855	55,160	69,295	80,087
1929	137,281	125,853	86,698	100,662	302,397	209,277	240,966	53,321	69,264	77,377
1930	92,268	68,686	75,496	73,402	209,472	129,566	140,642	40,922	46,219	54,300
1931	50,302	55,860	60,006	47,977	174,004	112,780	73,803	37,068	40,654	28,757
1932	22,493	28,495	44,270	29,264	136,812	96,718	32,538	23,027	27,972	16,906
1933	45,679	38,109	37,388	34,648	124,137	107,642	45,868	21,508	32,026	24,430
1933 <sup>7</sup>	46,342	37,447	37,473	34,886	124,157	104,935	45,868	24,582	30,809	24,484
1934	35,260	40,664	45,605	34,698	133,154	117,615	101,573	25,131	31,910	27,628
1935	45,577	53,161	54,616	78,835	136,860	133,501	119,082	25,762	41,023	33,029
1936	54,768	61,609	57,972	85,304	133,962	157,974	168,732	29,860	48,702	35,412
1937	71,038	66,178	67,312	112,016	150,579	166,306	247,521	31,923	56,910	41,144
1938	29,893	45,837	55,117	58,565	137,824	130,421	129,542	36,028	34,648	29,343
1939	47,056	55,471	68,216	50,977	139,546	124,649	178,054	36,918	39,641	37,961
1940	50,188	79,811	60,594	56,979	126,771	113,253	317,711	36,722	30,792	45,678
1941	83,441	108,964	62,157	64,961	177,385	153,364	419,002	37,891	23,391	51,507
1942	77,848	69,231	35,190	32,840	205,362	106,487	119,669	36,995	10,392	30,999
1943	66,288	90,735	41,238	37,782	273,422	184,147	36,313	41,861	11,513	48,096
1944	61,415	125,890	68,054	44,904	320,067	212,322	79,352	60,288	11,545	53,803
1945	49,954	144,148	109,815	48,714	345,952	201,554	104,894	75,443	37,869	65,313
1946	77,789	1,011,472	143,252	73,531	472,321	196,844	231,265	83,904	43,969	76,889

See footnotes on next page.

# SELECTED IMPORTS

919

1919.—IMPORTS—VALUE OF SELECTED COMMODITIES: 1921 to 1946—Con.

(In thousands of dollars)

DE YEARLY KNAGE	Wool and mohair	Wool manu- factures (includ- ing rags, rolls, waste)	Silk, raw	Saw- mill prod- ucts	Wood pulp	Paper and manu- factures	Petro- leum and prod- ucts	Copper, includ- ing ore and manu- factures	Tin, includ- ing ore	Ferti- lizers and mate- rials *
	97	7,239	119			58		233	149	
	846	5,901	234			170		807	108	
	1,690	10,808	396			432		1,653	229	
	4,843	19,621	1,236			497		2,416	674	93
	7,734	43,142	1,194			372		1,630	1,168	626
	6,743	21,929	3,018			1,100		1,144	591	590
		34,491						656	2,043	2,192
75	15,150	47,763	5,237	7,312		1,822		1,496	2,126	2,383
80	10,806	28,482	7,542	3,924		1,359		672	2,927	2,251
85	10,803	37,946	12,545	7,858		1,838		625	4,963	4,677
90	16,459	48,638	19,390	8,290		2,325		470	7,095	4,723
95	18,129	34,531	21,506	8,567	1,851	3,149		896	7,657	6,240
30	26,212	29,496	30,514	7,187	1,107	2,882		5,866	10,804	7,043
35	24,687	17,420	44,815	10,733	3,027	3,539		22,611	21,550	14,802
40	40,132	23,285	66,202	18,065	7,729	6,708		38,026	30,244	27,046
45	42,864	22,777	80,079	18,276	16,254	12,962	8,868	46,129	41,493	39,631
50	170,173	20,852	213,960	26,521	42,814	47,214	31,174	103,805	73,739	67,142
55	102,369	64,592	348,123	50,653	67,002	105,239	91,857	77,811	69,225	57,140
60	78,790	69,295	368,232	44,503	86,044	151,219	132,794	108,245	99,058	67,997
65	18,731	17,114	115,054	10,540	59,544	95,523	50,990	29,662	43,637	28,659
70	61,291	26,005	108,723	19,328	77,994	123,911	47,654	47,608	85,363	35,250
75	247,005	22,563	12,810	50,278	84,136	144,646	93,961	164,807	71,045	31,687
	23,665	19,388	63,666	17,878	7,313	7,312	1,250	31,320	25,298	24,237
	45,172	18,102	78,831	18,400	8,629	7,183	1,162	38,076	26,007	26,616
	51,221	23,532	65,426	20,516	11,768	7,491	1,675	40,245	30,870	35,620
	22,228	18,670	72,714	17,680	13,980	8,224	3,286	39,682	37,936	41,353
	33,078	14,913	67,173	16,969	14,219	7,273	4,801	45,217	46,214	38,900
	35,580	16,318	82,148	19,793	16,165	12,169	10,673	59,580	53,113	41,383
	53,191	34,294	97,828	18,508	17,023	18,244	14,911	54,506	39,422	46,381
	68,243	29,791	80,532	18,432	19,881	18,840	10,578	31,661	30,778	30,139
mos.) <sup>b</sup>	43,363	7,461	53,302	12,818	8,567	9,858	6,407	27,992	21,422	18,950
	125,524	16,471	144,757	24,864	26,986	24,611	15,133	95,335	55,836	43,859
	171,557	23,343	184,283	28,628	41,979	42,031	22,237	137,787	88,372	69,731
	251,773	22,609	180,210	35,367	31,477	48,214	26,859	133,525	104,589	98,995
	216,785	19,488	329,339	38,567	37,048	54,452	33,029	86,271	62,782	31,894
	126,972	58,116	284,891	60,624	89,418	80,510	67,792	90,019	92,582	114,850
	80,482	51,218	259,054	31,909	39,396	88,330	78,844	45,785	22,319	31,278
	86,546	59,414	365,787	46,541	63,292	85,334	89,485	66,829	46,302	46,265
	129,711	69,118	301,908	63,521	74,744	116,659	79,793	95,968	63,261	64,060
	93,151	69,810	337,582	53,885	75,743	117,673	102,560	96,154	69,024	66,586
	141,957	73,909	396,286	57,611	81,834	119,201	108,401	84,270	95,219	78,520
	106,721	70,667	392,760	58,370	91,231	139,499	125,602	99,742	104,980	99,766
	82,933	78,775	390,366	50,386	85,842	149,365	114,574	94,963	100,944	59,070
	79,861	78,391	367,997	41,121	83,464	156,407	133,707	98,187	87,052	78,494
	87,344	78,501	427,126	44,038	88,573	103,365	144,514	153,710	91,908	72,886
	37,092	40,142	292,913	30,604	81,109	147,481	145,573	104,616	60,411	59,771
	22,372	22,905	191,290	16,657	60,887	125,623	93,467	48,744	36,731	45,441
	6,029	12,699	113,882	7,974	46,903	94,135	60,381	23,735	16,478	18,669
	21,457	16,278	102,536	8,635	57,369	77,447	26,165	17,554	51,199	24,574
	18,847	15,564	102,636	8,804	67,569	77,694	25,871	14,834	51,252	24,574
	16,784	14,662	71,704	8,613	61,825	86,520	36,743	27,786	44,802	26,029
	29,925	19,740	95,797	11,451	70,735	93,444	37,891	33,213	69,921	28,561
	53,264	29,647	102,351	17,171	82,837	110,113	40,570	29,884	75,546	33,394
	96,345	31,857	106,504	20,806	98,209	137,071	44,586	52,563	104,418	46,704
	22,605	17,752	88,821	14,434	72,776	112,976	39,461	37,872	44,861	36,496
	49,037	25,609	120,852	20,050	76,892	126,783	43,541	44,230	71,009	32,455
	84,604	25,161	124,997	24,177	60,194	132,611	70,110	73,492	130,962	27,201
	204,892	27,724	61,802	46,877	66,031	146,744	82,465	141,789	177,241	22,767
	311,338	26,812	165	55,916	72,612	138,821	36,918	165,309	30,734	25,917
	295,703	18,379	7	39,824	77,096	138,514	85,223	156,514	37,894	32,920
	186,234	17,362	29	51,485	89,178	141,604	113,352	165,749	47,431	35,506
	241,300	24,535	2,045	57,269	115,764	157,542	151,959	194,672	41,925	41,327
	289,726	41,105	102,687	78,348	135,782	253,429	159,439	86,190	45,476	35,097

notes for hats beginning 1921; formerly classified as miscellaneous textile products.  
 notes shreds and maple sugar prior to Oct. 4, 1913. \* Includes semimanufactures.  
 base for period July 1, 1918, to Dec. 31, 1920.  
 "total imports" through 1932; "imports for consumption" thereafter.  
 for December. \* Imports for consumption; see headnote.  
 paper transferred to fertilizers from chemicals beginning 1921.

see: See general note, p. 899.

779832°—48—59



No. 1020.—FOREIGN TRADE WITH EACH CONTINENT, BY ECONOMIC CLASSES:  
1931 TO 1945

(In millions of dollars. "Manufactured foodstuffs" includes beverages)

ECONOMIC CLASS AND CONTINENT	1931- 1935, average	1936- 1940, average	1941	1942	1943	1944	1945		
							Total	Agri- cultural	Non- agricul- tural
<b>Exports, U. S. merchandise</b>	<b>1,938.9</b>	<b>3,166.5</b>	<b>5,019.9</b>	<b>8,003.1</b>	<b>12,841.8</b>	<b>14,161.5</b>	<b>9,554.7</b>	<b>2,253.9</b>	<b>7,300.8</b>
<b>North America</b>	<b>445.2</b>	<b>788.8</b>	<b>1,481.3</b>	<b>1,803.5</b>	<b>1,967.0</b>	<b>2,041.3</b>	<b>1,899.0</b>	<b>312.4</b>	<b>1,586.6</b>
Crude materials	95.1	133.3	181.3	232.3	283.2	294.8	294.5	56.6	237.9
Crude foodstuffs	21.4	42.3	43.5	50.0	78.6	103.9	118.8	117.9	1.0
Manufactured foodstuffs	32.7	46.1	82.0	90.5	92.2	129.3	134.2	128.3	5.9
Semimanufactures	66.4	120.5	221.4	266.8	246.1	239.1	248.1	4.2	244.0
Finished manufactures	228.6	446.5	953.2	1,144.4	1,267.0	1,274.1	1,004.8	5.4	1,000.6
<b>South America</b>	<b>140.1</b>	<b>314.9</b>	<b>519.7</b>	<b>371.8</b>	<b>406.5</b>	<b>535.3</b>	<b>640.7</b>	<b>51.9</b>	<b>588.7</b>
Crude materials	3.4	8.7	15.0	10.1	8.8	9.0	15.9	7.7	8.2
Crude foodstuffs	4.8	2.5	2.4	.9	.3	.9	3.9	3.9	(?)
Manufactured foodstuffs	6.8	10.8	18.7	14.7	12.7	26.5	36.5	25.5	1.0
Semimanufactures	22.0	50.6	114.0	74.8	76.3	99.5	95.5	.7	94.6
Finished manufactures	104.0	242.4	369.6	271.8	310.6	399.4	468.9	3.8	465.6
<b>Europe<sup>1</sup></b>	<b>944.2</b>	<b>1,309.4</b>	<b>1,773.2</b>	<b>3,971.3</b>	<b>7,568.3</b>	<b>9,321.6</b>	<b>5,898.2</b>	<b>1,647.1</b>	<b>4,251.1</b>
Crude materials	352.2	340.6	107.3	140.4	340.4	214.0	617.0	482.9	34.1
Crude foodstuffs	44.5	70.8	32.9	15.4	27.9	26.1	243.3	243.3	—
Manufactured foodstuffs	114.5	94.8	262.2	757.2	1,327.9	1,329.2	932.5	910.0	22.5
Semimanufactures	134.5	268.2	292.8	449.0	643.1	649.1	335.0	2.0	333.0
Finished manufactures	296.4	535.7	1,078.5	2,009.3	5,236.8	7,103.2	3,327.4	9.0	3,318.4
<b>Asia<sup>1</sup></b>	<b>848.5</b>	<b>533.0</b>	<b>621.6</b>	<b>687.1</b>	<b>834.8</b>	<b>994.1</b>	<b>842.5</b>	<b>117.9</b>	<b>724.6</b>
Crude materials	143.8	108.7	41.1	4.6	5.0	8.4	18.2	17.8	4
Crude foodstuffs	5.8	3.4	4.0	.1	(?)	.1	7.8	7.8	—
Manufactured foodstuffs	14.4	17.0	37.5	28.9	26.1	90.8	100.1	91.0	9.0
Semimanufactures	54.3	142.8	86.9	39.6	39.7	36.2	40.8	.2	40.6
Finished manufactures	130.2	261.0	462.0	613.8	766.0	858.6	676.6	1.0	674.5
<b>Oceania</b>	<b>48.6</b>	<b>88.8</b>	<b>122.8</b>	<b>261.2</b>	<b>563.0</b>	<b>409.6</b>	<b>362.4</b>	<b>24.9</b>	<b>337.4</b>
Crude materials	4.9	8.9	6.0	8.4	18.9	16.0	18.4	17.1	1.3
Crude foodstuffs	.3	.3	.4	.1	.2	.4	3.2	3.2	—
Manufactured foodstuffs	1.6	2.3	2.1	2.3	3.2	7.6	5.9	2.8	3.1
Semimanufactures	6.0	11.8	23.7	42.5	45.6	33.1	26.8	.1	26.7
Finished manufactures	30.5	65.6	90.6	310.9	500.1	350.5	268.1	.7	267.4
<b>Africa</b>	<b>62.2</b>	<b>121.6</b>	<b>591.2</b>	<b>808.8</b>	<b>1,494.9</b>	<b>859.7</b>	<b>519.9</b>	<b>101.5</b>	<b>417.4</b>
Crude materials	2.5	3.0	4.7	5.2	5.6	9.8	16.6	11.0	5.6
Crude foodstuffs	.3	.5	.4	1.8	2.1	2.4	55.1	55.1	(?)
Manufactured foodstuffs	3.0	4.0	15.9	31.0	58.7	49.8	26.5	34.4	2.2
Semimanufactures	5.3	17.1	39.4	48.9	38.6	39.6	33.3	.2	33.0
Finished manufactures	51.1	107.0	440.8	724.3	1,360.1	758.6	377.4	.9	376.6
<b>Imports for consumption<sup>2</sup></b>	<b>1,707.6</b>	<b>2,440.1</b>	<b>3,232.0</b>	<b>2,769.3</b>	<b>3,399.9</b>	<b>3,677.9</b>	<b>4,096.0</b>	<b>1,790.6</b>	<b>2,305.4</b>
<b>North America</b>	<b>413.3</b>	<b>599.9</b>	<b>938.5</b>	<b>1,114.9</b>	<b>1,676.5</b>	<b>2,024.3</b>	<b>1,892.6</b>	<b>609.1</b>	<b>1,283.7</b>
Crude materials	52.8	81.3	145.3	165.9	211.2	249.0	221.4	83.3	138.1
Crude foodstuffs	76.0	110.7	133.4	134.9	290.6	460.6	262.3	247.6	34.6
Manufactured foodstuffs	84.4	133.9	179.5	185.0	315.6	400.6	335.0	273.5	61.4
Semimanufactures	77.9	131.9	275.6	341.0	382.0	392.8	509.8	2.0	507.8
Finished manufactures	122.2	142.2	204.9	288.0	477.1	521.1	644.3	2.7	641.6
<b>South America</b>	<b>243.2</b>	<b>329.6</b>	<b>655.9</b>	<b>634.6</b>	<b>783.9</b>	<b>911.9</b>	<b>837.5</b>	<b>594.9</b>	<b>242.6</b>
Crude materials	63.4	119.2	312.6	244.9	294.5	—	348.4	191.2	157.2
Crude foodstuffs	141.6	144.5	166.6	174.0	240.7	200.0	305.7	306.7	(?)
Manufactured foodstuffs	7.1	14.9	27.1	33.3	41.9	48.6	50.4	45.1	5.3
Semimanufactures	25.8	47.6	142.0	175.7	187.8	206.0	192.8	22.6	169.7
Finished manufactures	3.3	2.8	6.9	6.6	18.1	33.4	40.6	2.3	38.3
<b>Europe<sup>1</sup></b>	<b>512.7</b>	<b>619.4</b>	<b>273.9</b>	<b>235.8</b>	<b>246.4</b>	<b>278.1</b>	<b>462.4</b>	<b>66.6</b>	<b>395.4</b>
Crude materials	94.7	109.2	65.3	45.3	45.2	55.3	69.9	15.0	54.9
Crude foodstuffs	15.9	11.2	2.9	2.1	4.3	14.5	15.5	15.3	2
Manufactured foodstuffs	63.5	107.0	49.3	44.5	54.5	66.9	62.9	26.1	36.8
Semimanufactures	140.7	179.6	57.8	30.2	32.0	32.8	104.0	3.9	100.3
Finished manufactures	198.0	212.3	98.5	113.7	110.3	108.6	150.0	5.7	144.3
<b>Asia<sup>1</sup></b>	<b>490.4</b>	<b>777.9</b>	<b>1,084.2</b>	<b>335.6</b>	<b>228.2</b>	<b>319.7</b>	<b>288.2</b>	<b>211.9</b>	<b>176.3</b>
Crude materials	252.0	422.1	654.5	309.7	104.9	165.2	198.8	143.2	55.6
Crude foodstuffs	21.8	32.1	49.2	28.2	31.6	41.7	53.6	53.6	—
Manufactured foodstuffs	78.8	85.2	63.3	7.2	2.6	1.7	8.1	8.0	(?)
Semimanufactures	69.1	141.0	206.2	45.0	30.7	37.4	43.1	4.5	38.6
Finished manufactures	68.7	97.4	111.1	45.6	59.0	64.8	84.6	2.5	81.9
<b>Oceania</b>	<b>16.1</b>	<b>35.4</b>	<b>114.3</b>	<b>256.8</b>	<b>243.0</b>	<b>134.2</b>	<b>168.7</b>	<b>121.4</b>	<b>32.3</b>
Crude materials	12.6	31.1	104.7	241.5	230.8	121.1	148.9	126.1	22.8
Crude foodstuffs	.1	.2	.5	.7	.5	2.0	1.3	1.3	(?)
Manufactured foodstuffs	2.5	2.7	2.4	3.9	5.5	2.1	4.7	4.6	1
Semimanufactures	.3	.8	5.4	9.0	4.5	4.6	6.7	.1	6.6
Finished manufactures	.7	.6	.9	.7	2.3	4.4	2.1	.2	1.6
<b>Africa</b>	<b>32.0</b>	<b>78.3</b>	<b>156.0</b>	<b>192.6</b>	<b>214.8</b>	<b>218.7</b>	<b>301.5</b>	<b>124.2</b>	<b>177.3</b>
Crude materials	14.9	44.3	93.9	142.4	151.1	154.1	153.6	81.4	102.2
Crude foodstuffs	9.9	20.8	28.4	8.7	16.2	22.5	34.7	34.5	.3
Manufactured foodstuffs	.5	1.8	.5	.5	.9	1.1	.6	.3	.3
Semimanufactures	5.9	10.0	27.4	38.5	40.8	32.6	73.3	5.5	67.8
Finished manufactures	.8	1.4	.8	2.4	6.1	8.4	19.3	2.6	7.9

<sup>1</sup> Turkey in Europe included with Asia; U. S. S. R. in Asia included with Europe beginning 1935.

<sup>2</sup> Less than \$50,000. <sup>3</sup> "General imports" through 1933.

Source: See general note, p. 899.



**No. 1021.—FOREIGN TRADE—PERCENT DISTRIBUTION OF UNITED STATES MERCHANDISE BY ECONOMIC CLASS AND BY CONTINENT: 1936 TO 1945**

[Percentages based on data shown in table 1020, except calculations were made from unrounded figures]

ECONOMIC CLASS AND CONTINENT	EXPORTS						IMPORTS FOR CONSUMPTION					
	1936-1940, avg.	1941	1942	1943	1944	1945	1936-1940, avg.	1941	1942	1943	1944	1945
<b>CLASS</b>												
<b>Crude materials</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
North America.....	22.4	51.0	60.4	42.8	53.2	32.7	10.1	10.6	15.8	20.4	23.3	19.0
South America.....	1.5	4.2	2.4	1.3	1.6	1.6	14.8	22.7	23.3	28.4	30.3	29.8
Europe.....	56.1	30.2	33.6	51.4	38.6	50.4	13.6	4.7	4.3	4.4	5.2	5.9
Asia.....	17.9	11.6	1.1	.8	1.5	2.1	52.2	47.6	20.0	10.1	15.6	17.0
Oceania.....	1.5	1.7	1.3	2.9	3.2	2.1	3.9	7.6	23.0	22.2	11.3	12.6
Africa.....	.5	1.3	1.2	.8	1.8	1.9	5.5	6.8	13.6	14.6	14.4	15.7
<b>Crude foodstuffs</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
North America.....	35.4	52.0	73.7	72.0	77.7	27.5	34.6	35.6	38.7	49.7	54.6	40.7
South America.....	2.0	2.9	1.3	.3	.7	.9	45.2	44.3	49.9	41.2	35.7	44.1
Europe.....	56.9	39.8	22.7	25.6	19.5	56.3	3.6	.6	.6	.7	1.7	2.2
Asia.....	2.8	4.8	.2	.1	.1	1.8	10.1	13.1	6.1	5.6	6.0	7.7
Oceania.....	.3	.5	.1	.2	.3	.7	.1	.2	.2	.1	.2	.3
Africa.....	.6	.5	2.0	2.1	1.6	12.8	6.6	6.2	2.5	2.8	2.7	5.0
<b>Manufactured foodstuffs</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
North America.....	26.4	19.6	9.8	5.9	7.9	10.8	38.7	55.6	67.4	74.9	76.9	72.6
South America.....	6.1	4.5	1.6	.8	1.6	2.9	4.3	8.4	12.2	9.9	9.3	10.9
Europe.....	54.1	62.7	81.9	85.7	81.4	74.9	31.0	16.3	10.2	13.0	12.8	13.6
Asia.....	9.7	9.0	3.1	1.7	5.6	8.0	24.7	19.7	2.6	.7	.8	1.6
Oceania.....	1.3	.5	.2	.2	.3	.5	.8	.8	1.4	1.3	.4	1.0
Africa.....	2.3	3.8	3.4	5.7	3.0	2.9	.5	.2	.2	.2	.2	.1
<b>Semimanufactures</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
North America.....	19.7	28.5	29.0	22.6	21.9	31.8	25.8	38.0	53.3	56.4	56.6	54.9
South America.....	8.3	14.7	8.1	7.0	9.1	12.3	9.3	19.5	27.5	27.7	29.2	20.7
Europe.....	43.9	37.6	48.9	59.0	59.1	43.0	35.1	8.0	4.6	4.7	4.7	11.3
Asia.....	23.4	11.2	4.3	3.7	3.3	5.2	27.6	28.5	7.0	4.6	5.3	4.6
Oceania.....	1.9	3.0	4.6	4.2	3.0	3.4	.2	.8	1.4	.7	.6	.7
Africa.....	2.8	5.1	5.1	2.5	3.6	4.2	2.0	5.2	6.0	6.0	4.6	7.9
<b>Finished manufactures</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
North America.....	26.9	28.2	20.2	13.4	11.9	17.5	31.1	48.4	63.0	71.2	70.3	65.4
South America.....	14.6	10.9	4.8	3.3	3.7	7.8	.6	1.6	1.4	2.7	4.5	4.9
Europe.....	32.3	31.9	40.0	55.6	56.1	53.1	46.6	23.3	24.9	16.6	14.7	18.0
Asia.....	15.7	13.4	10.8	8.1	8.0	10.6	21.3	26.3	10.0	8.4	8.8	10.3
Oceania.....	3.9	2.6	5.6	5.8	3.3	4.8	.1	.2	.2	.3	.6	.3
Africa.....	6.5	13.0	12.8	14.4	7.1	6.0	.3	.2	.6	.9	1.1	1.2
<b>CONTINENT</b>												
<b>North America</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Crude materials.....	16.7	12.2	14.0	14.4	14.4	15.1	13.6	15.6	14.9	12.6	12.3	11.7
Crude foodstuffs.....	5.4	3.0	2.8	4.0	5.1	6.3	16.5	14.2	12.1	17.3	22.8	14.9
Manufactured foodstuffs.....	5.9	5.5	5.0	4.7	6.3	7.1	22.2	19.1	16.6	18.8	19.8	17.7
Semimanufactures.....	15.3	14.9	14.8	12.5	11.7	13.2	22.0	29.4	30.6	22.8	19.4	26.0
Finished manufactures.....	56.6	64.3	63.5	64.4	62.4	58.2	23.7	21.8	25.8	26.5	25.7	23.8
<b>South America</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Crude materials.....	2.8	2.9	2.7	2.1	1.7	2.6	36.2	47.8	38.6	37.6	35.5	37.3
Crude foodstuffs.....	.8	.5	.2	.1	.2	.6	43.9	25.4	27.4	30.7	32.9	32.6
Manufactured foodstuffs.....	3.4	3.0	4.0	3.1	4.9	5.7	4.5	4.1	5.3	5.3	5.3	5.4
Semimanufactures.....	16.1	21.9	20.0	18.7	18.6	14.9	14.6	21.7	27.7	24.0	22.6	15.5
Finished manufactures.....	76.9	71.1	73.1	76.0	74.6	78.3	.9	1.0	1.0	2.3	3.7	4.3
<b>Europe</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Crude materials.....	26.0	31.1	3.5	4.5	2.3	9.7	17.6	23.8	19.2	18.4	19.9	17.4
Crude foodstuffs.....	5.3	1.9	.4	.4	.3	4.5	1.6	1.1	.9	1.7	6.2	3.9
Manufactured foodstuffs.....	7.2	14.8	19.1	17.6	14.3	17.4	17.3	18.0	18.9	22.1	24.0	15.6
Semimanufactures.....	20.6	16.5	11.3	8.5	7.0	6.3	29.0	21.1	12.6	13.0	11.8	28.6
Finished manufactures.....	40.9	60.8	65.7	69.1	76.2	62.1	34.3	36.0	48.2	44.8	39.1	37.2
<b>Asia</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Crude materials.....	19.9	6.6	.7	.6	.8	2.2	54.3	60.4	62.5	46.4	53.2	51.2
Crude foodstuffs.....	.6	.7	.0	.0	.0	.9	4.1	4.5	8.4	14.1	13.4	13.6
Manufactured foodstuffs.....	3.2	6.0	4.2	3.1	9.1	11.9	11.0	5.8	2.1	1.2	.6	1.1
Semimanufactures.....	27.3	14.0	5.8	4.8	3.6	4.8	18.1	19.0	13.4	13.6	12.0	11.1
Finished manufactures.....	48.9	72.7	89.3	91.6	86.4	80.2	12.5	10.3	13.6	24.8	11.1	21.6
<b>Oceania</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Crude materials.....	10.0	4.9	1.5	3.3	4.4	5.2	87.8	91.6	94.4	94.8	90.2	91.0
Crude foodstuffs.....	.4	.3	.0	.0	.1	.9	.6	.7	.3	.2	1.5	.8
Manufactured foodstuffs.....	2.6	1.7	.6	.6	1.6	1.7	7.6	2.1	1.5	2.3	1.6	2.9
Semimanufactures.....	13.3	12.3	11.6	8.0	8.1	7.6	2.2	4.8	3.5	1.6	3.4	4.1
Finished manufactures.....	73.7	73.8	80.1	88.1	85.6	84.6	1.8	.8	.3	.9	3.3	1.2
<b>Africa</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Crude materials.....	2.3	.9	.6	.4	1.1	3.2	56.5	60.2	74.0	70.6	70.5	60.9
Crude foodstuffs.....	.4	.1	.2	.1	.3	10.6	26.6	14.9	4.5	7.3	10.3	11.6
Manufactured foodstuffs.....	2.9	3.2	3.8	5.9	6.8	7.0	2.3	.3	.4	.4	.5	.2
Semimanufactures.....	13.0	7.9	6.6	2.6	4.6	6.4	12.6	24.0	20.0	18.9	14.9	24.0
Finished manufactures.....	51.3	87.9	89.5	91.0	88.2	72.7	1.6	.6	1.2	2.6	3.6	3.4

see: See general note, p. 899.

# No. 1022.—EXPORTS (INCLUDING REEXPORTS) AND GENERAL IMPORTS OF MERCHANDISE, BY CONTINENTS: 1821 TO 1946

(In thousands of dollars. For basis of dollar values, see general note, p. 800. Figures cover fiscal years to and including 1918; calendar years thereafter, except as noted. Philippine Islands included with Asia for all years. Turkey in Europe is with Asia beginning 1920; U. S. S. R. in Asia is with Europe beginning 1924; and Hawaiian Islands with Oceania prior to 1901)

YEARLY AVERAGE OR YEAR	EXPORTS						
	Total	North America		South America	Europe	Asia	Oceania
		Northern	Southern				
1821.....	54,466	2,392	11,965	2,208	35,575	1,977	71
1830.....	71,671	2,802	14,723	4,586	47,363	1,906	27
1840.....	123,559	5,090	17,241	5,714	92,039	1,560	330
1850.....	144,376	9,519	14,234	7,730	106,633	2,028	190
1860.....	332,576	22,693	29,273	15,706	249,425	8,100	4,963
1865.....	166,029	15,618	34,003	12,036	95,744	2,350	4,016
1870.....	392,772	21,703	31,100	15,188	313,315	5,773	3,873
1871-1875.....	501,641	32,034	35,158	20,235	402,268	5,039	3,069
1876-1890.....	676,761	33,714	36,303	22,087	585,661	11,286	7,487
1891-1895.....	791,892	42,636	44,836	28,212	641,824	17,526	12,735
1896-1899.....	738,379	38,758	43,063	32,046	655,681	20,889	15,070
1891-1895.....	892,421	49,310	50,724	33,247	709,239	20,672	13,963
1896-1900.....	1,157,318	79,951	65,575	35,699	887,401	44,263	26,338
1901-1905.....	1,453,803	124,540	97,733	46,246	1,050,540	76,943	29,736
1906-1910.....	1,778,697	180,836	154,743	62,142	1,212,978	97,240	32,358
1911-1915.....	2,370,539	337,091	182,315	122,243	1,517,404	133,348	51,806
1915-1920 <sup>1</sup> .....	6,521,190	780,221	503,439	360,744	4,123,523	562,476	109,131
1921-1925.....	4,397,027	627,382	444,577	297,115	2,318,244	498,553	151,426
1926-1930.....	4,777,314	829,858	403,175	447,800	2,236,501	573,065	177,289
1931-1935.....	2,025,195	300,372	162,435	141,074	980,158	349,911	48,368
1936-1940.....	3,219,581	521,793	291,176	317,400	1,332,708	625,263	89,150
1910-1914 <sup>2</sup> .....	2,165,618	319,890	181,205	121,028	1,350,300	121,042	47,715
1915-1919 <sup>2</sup> .....	5,308,823	638,704	340,971	250,837	3,534,473	403,716	87,363
1905.....	1,518,562	143,030	117,540	55,894	1,020,973	184,705	29,879
1906.....	1,748,865	159,806	148,577	75,160	1,200,166	110,911	29,682
1907.....	1,890,851	166,176	163,064	82,187	1,298,462	101,366	32,626
1908.....	1,860,773	170,689	154,006	83,684	1,293,600	113,247	35,327
1909.....	1,663,011	167,423	142,064	78,562	1,146,768	82,982	30,390
1910.....	1,744,985	220,104	165,416	93,247	1,135,915	77,694	34,057
1911.....	2,049,320	274,478	182,582	106,895	1,306,276	105,146	45,338
1912.....	2,204,322	333,900	182,938	132,310	1,341,733	141,196	49,209
1913.....	2,465,884	420,404	197,009	146,148	1,479,075	140,441	53,718
1914.....	2,364,579	350,563	178,082	124,540	1,486,499	140,730	56,394
1915.....	2,768,589	306,112	170,904	99,324	1,971,435	139,226	53,009
1915 (6 mos.).....	1,852,863	203,476	119,652	83,555	1,291,914	94,712	38,254
1916.....	5,482,641	613,416	311,187	220,267	3,818,278	337,735	82,797
1917.....	6,233,513	839,304	423,398	311,893	4,061,729	469,402	77,402
1918.....	6,149,068	900,248	425,236	302,710	3,858,668	496,477	104,519
1919.....	7,920,426	749,950	545,842	441,748	5,187,666	771,717	125,686
1920.....	8,228,016	984,818	944,345	623,917	4,466,091	871,579	171,965
1921.....	4,485,031	600,434	529,146	273,328	2,383,899	532,615	112,766
1922.....	7,831,777	588,451	332,203	226,076	2,083,367	448,970	101,948
1923.....	4,167,493	600,607	423,661	269,318	2,093,415	511,468	146,423
1924.....	4,890,954	633,676	456,165	314,252	2,448,080	513,803	156,506
1925.....	4,909,848	658,640	479,714	402,606	2,604,450	485,882	189,489
1926.....	4,808,660	747,685	428,797	443,597	2,399,041	565,846	212,705
1927.....	4,805,375	845,307	407,720	438,159	2,311,237	562,150	193,714
1928.....	5,128,356	924,172	397,193	480,815	2,376,503	602,927	190,033
1929.....	5,240,995	951,473	433,590	539,310	2,344,312	639,721	192,022
1930.....	3,843,181	670,652	348,574	337,509	1,841,412	444,950	107,719
1931.....	2,424,289	403,732	187,094	158,691	1,187,116	386,121	41,574
1932.....	1,811,016	245,736	119,216	96,589	794,474	292,253	36,774
1933.....	1,674,994	214,833	126,026	114,048	850,032	292,030	35,189
1934.....	2,132,800	308,085	176,948	161,701	949,929	401,216	67,061
1935.....	2,282,874	329,542	201,789	174,341	1,029,241	377,940	73,802
1936.....	2,465,978	391,555	226,155	204,222	1,042,604	398,885	79,154
1937.....	3,349,167	519,058	321,098	318,354	1,350,610	579,971	96,943
1938.....	3,094,440	475,572	264,423	290,714	1,325,943	516,777	93,643
1939.....	3,177,176	496,170	304,026	329,127	1,259,753	591,572	78,505
1940.....	4,021,146	724,612	341,220	485,584	1,645,428	613,210	94,488
1941.....	5,147,154	1,012,331	507,680	527,375	1,846,928	826,199	132,376
1942.....	8,078,988	1,368,777	473,026	378,836	3,996,548	687,541	361,454
1943.....	12,964,906	1,478,562	543,998	411,480	7,617,046	837,541	808,927
1944.....	14,258,702	1,480,619	625,988	540,277	9,344,199	993,732	410,464
1945.....	9,805,625	1,214,839	724,279	645,226	5,494,789	849,352	393,089
1946.....	9,739,432	1,474,626	1,068,610	1,162,211	4,097,053	1,342,461	116,696

See footnotes on next page.

**IMPORTS**  
**1922.—EXPORTS (INCLUDING REEXPORTS) AND GENERAL IMPORTS OF MER-**  
**CHANDISE, BY CONTINENTS: 1821 TO 1946—Continued**

(In thousands of dollars)

BY AVERAGE 5 YEAR	GENERAL IMPORTS							
	Total	North America		South America	Europe	Asia	Oceania	Africa
		Northern	Southern					
.....	54,521	402	11,816	1,570	35,000	5,324	34	375
.....	62,721	398	10,793	4,919	40,117	6,241	16	254
.....	98,259	1,228	15,421	8,806	61,731	10,686	162	445
.....	173,809	5,180	16,116	16,038	123,116	12,424	9	518
.....	353,616	23,730	44,180	34,929	216,861	29,239	1,170	3,706
.....	238,746	35,007	46,663	23,221	115,002	14,449	1,124	3,279
.....	435,958	36,255	74,435	42,064	240,187	37,773	1,612	2,723
.....	577,873	33,840	90,124	63,357	321,057	55,794	3,955	3,736
.....	492,570	27,600	80,646	68,185	247,520	55,635	4,619	2,365
.....	867,142	41,989	96,309	75,940	387,542	69,906	11,870	4,085
.....	717,231	40,236	98,819	82,427	401,745	74,439	16,156	3,406
.....	785,137	36,335	128,043	116,797	397,622	85,169	16,257	4,914
.....	741,519	37,298	76,007	97,713	389,843	107,999	22,781	9,910
.....	972,162	52,782	129,634	121,748	496,396	149,537	9,085	11,151
.....	1,344,838	79,511	180,192	157,126	689,838	205,041	16,601	16,529
.....	1,712,319	131,455	248,943	219,923	798,115	270,797	19,020	24,065
.....	3,358,354	425,337	588,163	591,295	1,882,298	910,340	70,134	90,848
.....	3,450,103	390,608	514,233	421,316	1,949,585	942,808	53,994	71,499
.....	4,033,469	479,737	400,457	545,786	1,207,213	1,195,990	53,137	91,207
.....	1,713,102	236,164	177,257	244,160	516,313	490,099	16,209	32,085
.....	2,482,030	368,521	246,139	337,703	627,085	784,989	36,372	81,220
.....	1,088,874	118,518	228,618	206,858	836,496	258,534	17,276	22,573
.....	2,514,537	321,382	439,019	406,212	525,122	642,479	59,008	61,342
.....	1,117,513	63,637	163,572	150,796	540,773	174,641	12,731	11,344
.....	1,226,562	69,803	165,750	140,428	639,292	192,434	12,432	12,629
.....	1,434,421	74,813	188,763	160,166	747,291	223,896	18,276	21,127
.....	1,194,342	76,301	162,515	124,999	608,014	191,332	14,891	16,391
.....	1,311,920	80,467	173,533	108,879	654,323	206,982	17,628	15,109
.....	1,556,947	96,371	210,397	196,166	806,270	210,473	19,782	17,490
.....	1,527,226	102,264	203,233	182,624	768,168	230,850	12,874	27,214
.....	1,653,265	110,145	223,927	215,089	819,583	246,723	13,207	22,596
.....	1,813,008	121,764	240,179	217,735	892,866	297,805	16,533	26,425
.....	1,893,926	162,046	205,353	222,677	895,003	305,115	23,982	19,149
.....	1,674,170	161,058	312,025	261,490	614,358	277,790	28,502	24,953
.....	912,787	107,626	140,821	166,239	271,084	191,667	18,021	16,720
.....	2,391,635	240,161	418,277	427,610	633,317	560,806	59,511	61,803
.....	2,952,468	419,124	452,858	598,810	551,145	820,624	36,835	73,064
.....	3,031,213	457,669	516,955	610,931	318,121	939,301	102,737	85,506
.....	3,904,385	560,165	657,809	687,525	750,628	1,107,733	68,616	112,188
.....	5,278,481	614,618	1,048,045	760,999	1,227,843	1,396,677	80,014	150,285
.....	2,509,148	237,632	417,217	295,623	764,942	617,862	35,499	40,373
.....	3,112,747	266,524	455,930	358,763	991,203	826,896	48,517	64,924
.....	3,792,666	418,348	583,169	467,421	1,157,056	1,019,811	59,200	67,001
.....	3,609,963	402,047	593,108	466,074	1,096,111	930,685	48,945	72,992
.....	4,220,589	458,791	521,742	518,797	1,238,513	1,315,794	77,808	92,144
.....	4,430,888	485,503	526,007	567,979	1,277,501	1,409,063	68,356	96,420
.....	4,184,742	484,499	500,959	518,275	1,264,810	1,268,413	54,531	93,255
.....	4,091,444	499,959	460,743	569,410	1,248,625	1,168,852	53,450	90,207
.....	4,399,361	514,870	467,159	639,758	1,333,651	1,279,248	56,567	108,008
.....	3,060,906	414,356	347,356	433,516	911,268	854,073	32,701	67,647
.....	2,090,635	277,111	239,930	307,190	640,690	573,706	19,129	32,888
.....	1,322,774	181,413	157,107	200,902	389,570	361,847	7,691	24,241
.....	1,449,569	190,651	127,116	202,280	462,955	425,102	13,190	28,265
.....	1,655,056	238,496	160,724	228,958	489,632	489,353	14,565	33,326
.....	2,047,485	293,148	201,409	281,472	896,716	604,537	26,481	41,722
.....	2,422,592	381,313	237,247	291,505	717,544	707,728	35,865	51,389
.....	3,083,668	407,431	283,045	422,026	843,329	967,261	68,428	92,148
.....	1,960,428	267,504	222,722	282,613	567,226	569,503	16,189	54,671
.....	2,318,081	349,256	231,374	317,267	617,166	690,582	26,705	76,732
.....	2,625,379	437,101	256,307	395,105	390,161	980,899	34,673	131,162
.....	3,345,005	570,936	411,200	674,296	290,773	1,087,844	158,957	160,899
.....	2,744,862	735,648	380,683	636,941	217,647	337,542	230,835	203,565
.....	3,381,349	1,046,545	641,813	775,687	233,513	234,814	245,376	203,400
.....	3,919,270	1,279,919	757,830	922,813	285,274	321,940	190,305	221,189
.....	4,147,054	1,160,020	752,932	964,900	404,812	407,815	170,935	296,134
.....	4,908,895	915,709	732,059	1,094,737	796,192	881,251	183,324	305,622

July 1, 1915, to Dec. 31, 1920.

2 years ending June 30. Shown because of influence of war on trade character.

Latin N. A. includes Iceland beginning 1942, Europe includes Iceland prior to 1942.

See general note, p. 899.

# No. 1028.—EXPORTS AND GENERAL IMPORTS, BY CONTINENTS—PERCENT DISTRIBUTION: 1821 TO 1946

[Percentages based on figures shown in table 1023. See headnote to that table]

YEARLY AVERAGE OR YEAR	PERCENT OF TOTAL EXPORTS							PERCENT OF TOTAL IMPORTS						
	North America		South America	Europe	Asia	Oceania	Africa	North America		South America	Europe	Asia	Oceania	Africa
	North- ern	South- ern						North- ern	South- ern					
1821	4.4	■	4.1	65.3	3.6	0.1	0.0	0.7	21.7	2.9	64.2	9.8	0.1	0.7
1830	3.9	20.5	6.4	68.1	2.7	(1)	.3	.6	17.2	7.8	64.0	10.0	(1)	.4
1840	4.9	13.9	4.6	74.4	1.3	.3	.6	1.2	15.7	8.8	62.8	10.9	.2	.6
1850	6.6	9.9	5.4	75.2	2.1	.1	.7	3.0	9.8	9.2	71.0	7.3	(2)	.4
1860	6.9	8.8	4.7	74.8	2.4	1.5	1.0	6.7	12.6	9.9	61.3	8.3	.3	1.0
1865	10.0	20.5	7.2	57.7	1.4	2.4	.8	14.7	19.5	9.7	48.2	6.1	.6	1.4
1870	8.5	7.9	3.9	79.8	1.6	1.0	.6	8.3	17.1	9.9	55.1	8.7	.4	.8
1871-1875	6.4	7.2	4.0	60.2	1.0	.8	.4	5.9	16.6	11.0	55.6	9.7	.7	.6
1876-1880	5.0	5.4	3.3	83.1	1.7	1.1	.6	5.6	17.6	13.8	50.3	11.3	.9	.5
1881-1885	5.4	5.7	3.6	81.1	2.2	1.6	.5	6.3	14.4	11.4	55.1	10.6	1.7	.6
1886-1890	5.2	5.8	4.3	79.3	2.8	2.0	.6	5.6	13.6	11.5	■	10.4	2.3	.5
1891-1895	5.5	6.8	3.7	79.5	2.3	1.6	.6	4.6	16.3	14.9	50.6	10.8	2.1	.6
1896-1900	6.9	5.6	3.1	76.7	3.9	2.3	1.5	5.0	10.3	13.2	52.6	14.6	3.1	1.3
1901-1905	8.6	6.7	3.2	72.3	5.3	2.0	1.9	5.4	13.3	12.6	51.3	15.4	.9	1.1
1906-1910	10.2	8.7	4.6	68.2	5.6	1.8	1.0	5.9	13.4	11.7	51.3	15.2	1.2	1.2
1911-1915	14.2	7.7	5.2	64.0	5.6	2.2	1.1	7.7	14.6	12.8	46.6	16.6	1.1	1.4
1915-1920 <sup>a</sup>	12.0	7.7	5.5	63.2	8.6	1.7	1.3	12.7	17.6	17.6	20.3	27.1	2.1	2.7
1921-1925	14.3	10.1	6.8	52.7	11.3	3.2	1.6	11.5	14.9	12.2	30.4	27.3	1.6	2.1
1926-1930	17.4	8.4	9.4	46.8	12.0	3.7	2.3	11.9	11.4	13.5	29.9	29.7	1.3	2.3
1931-1935	14.8	8.0	7.0	47.4	17.3	2.4	3.1	13.8	10.3	14.3	30.1	28.7	.9	1.9
1936-1940	16.2	9.0	9.9	41.4	16.6	2.7	4.2	14.8	9.9	13.6	25.3	31.6	1.6	3.3
1910-1914 <sup>b</sup>	14.8	8.4	5.6	62.3	5.6	2.2	1.1	7.0	13.5	12.2	49.5	15.3	1.0	1.3
1915-1919 <sup>b</sup>	12.0	6.4	4.7	65.6	7.6	1.6	1.0	12.8	17.6	18.5	20.9	25.6	2.3	2.4
1903	9.4	7.7	3.7	67.2	8.9	1.6	1.2	5.7	14.6	13.6	48.4	15.6	1.1	1.0
1906	9.2	8.5	4.3	68.6	6.4	1.7	1.1	5.7	13.5	11.4	51.6	15.7	1.0	1.0
1907	9.9	8.7	4.4	69.0	5.4	1.7	.9	5.2	13.2	11.2	52.1	15.6	1.3	1.3
1908	9.2	8.3	4.5	69.0	6.1	1.9	1.1	6.4	13.6	10.5	50.9	16.0	1.2	1.4
1909	10.1	8.5	4.6	69.0	5.0	1.8	1.0	6.1	13.2	12.5	49.9	15.8	1.3	1.2
1910	12.6	9.5	5.3	65.1	4.5	2.0	1.1	6.2	13.5	12.6	51.6	13.5	1.3	1.1
1911	13.4	8.9	5.3	63.8	5.1	2.3	1.2	6.7	13.3	12.0	50.3	15.1	.8	1.5
1912	15.1	8.3	6.0	60.9	6.4	2.2	1.1	6.7	13.5	13.0	49.6	15.0	.8	1.4
1913	17.0	8.0	5.9	60.0	5.7	2.2	1.2	6.7	13.2	12.0	49.2	16.4	.9	1.5
1914	14.6	7.5	5.3	62.9	6.0	2.4	1.2	8.6	14.0	11.8	47.3	16.1	1.3	1.0
1915	11.1	6.2	3.6	71.2	5.0	1.9	1.0	9.6	18.6	15.6	36.7	16.2	1.7	1.5
1915 (6 mos.)	11.0	6.5	4.5	69.7	5.1	2.1	1.1	11.8	15.4	18.2	29.8	21.0	2.0	1.8
1916	11.2	5.7	4.0	69.6	7.1	1.5	1.0	10.0	17.5	17.9	28.5	23.0	2.5	2.6
1917	13.5	6.8	5.0	65.2	7.5	1.2	.8	14.2	15.3	20.3	18.7	■	1.3	2.3
1918	14.6	6.9	4.9	62.6	8.1	1.8	1.0	15.1	17.1	20.2	10.5	31.0	3.4	2.8
1919	9.5	6.9	5.6	65.5	9.7	1.6	1.2	12.8	18.8	17.6	19.2	28.4	2.3	2.9
1920	12.0	11.5	7.6	54.3	10.6	2.1	2.0	11.6	19.9	14.4	23.3	26.5	2.5	2.9
1921	13.4	11.8	6.1	52.7	11.9	2.5	1.6	13.5	16.6	11.8	30.5	24.6	1.4	1.6
1922	15.2	8.7	5.9	54.4	11.7	2.7	1.5	11.8	14.6	11.5	31.8	26.6	1.6	2.1
1923	15.8	10.2	6.5	50.2	12.3	3.5	1.5	11.0	15.4	12.3	30.5	26.9	1.6	2.3
1924	13.8	9.9	6.6	53.3	11.2	3.4	1.5	11.1	16.4	12.9	30.4	25.6	1.4	2.0
1925	13.4	9.8	8.2	53.0	9.9	3.9	1.8	10.9	12.3	12.3	29.3	31.2	1.8	2.3
1926	15.5	8.9	9.2	48.0	11.8	4.4	2.1	11.0	11.9	12.8	28.8	31.8	1.5	2.2
1927	17.3	8.4	9.0	47.5	11.6	4.0	2.2	11.6	12.0	12.4	30.2	30.3	1.3	2.2
1928	18.1	7.7	9.4	46.8	12.7	3.5	2.3	12.2	11.3	13.9	30.6	28.6	1.3	2.2
1929	18.3	8.3	10.3	44.7	12.2	3.6	2.6	11.7	10.6	14.5	30.3	29.1	1.3	2.5
1930	17.5	9.1	8.8	47.9	11.6	2.8	2.4	13.3	11.3	14.2	■	27.9	1.1	2.3
1931	16.7	7.7	6.5	49.0	15.9	1.7	2.5	13.3	11.5	14.7	30.6	27.4	.9	1.6
1932	15.3	7.4	6.0	48.7	18.1	2.3	2.2	13.7	11.9	15.2	29.5	27.4	.9	1.8
1933	12.8	7.5	6.8	50.7	17.4	2.1	2.6	13.2	8.8	14.0	31.9	29.3	.9	1.9
1934	14.4	8.3	7.8	44.5	18.6	2.7	3.8	14.4	9.7	13.8	29.6	29.6	.9	2.0
1935	14.4	8.8	7.6	45.1	16.6	3.2	4.2	14.3	9.6	13.7	29.2	29.5	1.3	2.0
1936	15.9	9.2	8.3	42.5	16.2	3.2	4.6	15.7	9.6	12.0	29.6	29.2	1.5	2.1
1937	15.5	9.6	9.5	40.6	17.3	3.0	4.5	13.2	9.2	13.7	27.3	31.4	2.2	3.0
1938	15.4	8.5	9.7	42.8	16.7	3.0	3.8	13.6	11.4	13.4	28.9	29.0	.6	2.6
1939	15.7	9.6	10.4	40.6	17.7	2.5	3.6	13.1	10.0	13.7	26.6	30.2	1.2	3.3
1940	18.0	8.5	10.8	40.9	15.4	2.3	4.0	16.6	9.8	15.0	14.9	37.4	1.3	3.0
1941	19.7	9.9	10.2	35.9	12.1	2.4	9.8	17.1	12.3	20.2	8.4	32.5	4.8	4.8
1942	16.9	5.9	4.7	49.5	8.6	4.5	10.1	26.8	13.9	23.2	7.9	12.3	8.4	7.4
1943	11.4	4.2	3.2	58.7	6.5	4.4	11.6	31.0	19.0	■	6.9	6.9	7.3	6.0
1944	10.4	4.4	3.9	65.5	7.0	2.9	6.0	32.6	19.3	23.5	7.3	6.3	3.3	5.6
1945	12.4	7.4	6.6	56.0	6.7	3.6	5.3	27.7	18.2	23.3	9.8	9.8	4.1	7.1
1946	15.1	11.0	11.8	42.1	13.8	1.2	6.9	18.7	14.9	22.3	16.3	16.0	3.7	6.3

<sup>1</sup> Less than 1/10 of 1 percent. <sup>a</sup> Period July 1, 1915, to Dec. 31, 1920. <sup>b</sup> Fiscal years. See note 2, table 1023.

Source: See general note, p. 899.

**No. 1024.—LEND LEASE EXPORTS (INCLUDING REEXPORTS)—VALUE AND SHIPPING WEIGHT, BY MONTHS: 1941 TO 1947**

MONTH	VALUE (MILLIONS OF DOLLARS)							SHIPPING WEIGHT (MILLIONS OF LBS.)	
	1941	1942	1943	1944	1945	1946	1947	1945	1946 <sup>1</sup>
<b>Total.....</b>	<b>740.9</b>	<b>4,332.7</b>	<b>10,358.5</b>	<b>11,297.5</b>	<b>5,559.8</b>	<b>652.9</b>	<b>22.6</b>	<b>61,649.9</b>	<b>16,625.1</b>
January.....		175.3	563.8	923.8	650.5	130.4	8.4	5,575.3	3,510.5
February.....		197.2	534.3	900.3	664.5	96.3	2.5	4,973.8	2,919.1
March.....	1.3	338.2	782.6	950.9	730.8	116.2	1.7	7,033.0	2,800.4
April.....	6.6	424.7	784.0	991.2	708.0	80.4	2.0	7,107.3	1,694.9
May.....	16.5	311.2	855.5	1,190.4	790.2	65.6	3.8	7,602.0	790.0
June.....	34.7	407.5	791.2	1,036.3	530.1	57.2	.3	6,670.3	1,301.7
July.....	71.6	429.8	1,035.4	935.0	540.4	37.1	1.3	5,639.7	1,965.2
August.....	68.7	434.2	1,063.1	930.6	413.7	33.8	.1	3,999.6	600.5
September.....	85.8	471.7	1,040.7	954.6	158.2	12.5	.8	3,580.2	251.3
October.....	168.7	563.4	904.9	895.1	74.8	7.6	.4	3,000.7	27.6
November.....	136.8	561.8	856.5	901.5	115.3	8.6	.4	2,610.4	28.8
December.....	165.0	617.6	1,064.4	657.7	168.3	8.2	.9	2,657.7	20.1

<sup>1</sup> Later data not available.

Sources: See general note, p. 800.

**No. 1025.—LEND LEASE EXPORTS (INCLUDING REEXPORTS) BY COMMODITY GROUPS, BY CONTINENTS: 1945**

[Values in thousands of dollars]

COMMODITY GROUP	Total	North America	South America	EUROPE			Asia	Australia and Oceania	Africa
				United Kingdom	Union of Soviet Socialist Republics	Other countries			
<b>Total.....</b>	<b>5,559,810</b>	<b>71,964</b>	<b>29,242</b>	<b>1,895,208</b>	<b>1,781,570</b>	<b>660,557</b>	<b>565,965</b>	<b>291,343</b>	<b>253,402</b>
0. Animals and animal products, edible....	573,204	1,049	51	256,267	259,507	109,821	34,406	3,058	9,046
1. Animals and animal products, inedible.....	30,926	384	16	69	24,388	2,252	415	41	3,361
2. Vegetable food products and beverages.....	329,284	2,607	150	59,302	56,709	142,161	28,031	3,340	37,042
3. Vegetable products, inedible, except fibers and wood.....	177,826	1,009	62	84,366	39,226	22,818	14,813	2,824	5,509
4. Textile fibers and manufactures.....	832,969	2,081	95	70,265	57,692	139,197	13,352	10,329	39,778
5. Wood and paper.....	65,315	112	50	54,707	2,162	14,749	4,132	6,694	2,609
6. Nonmetallic minerals.....	605,577	4,041	204	412,526	47,857	20,260	85,557	19,342	15,792
7. Metals and manufactures, except machinery and vehicles.....	265,623	1,009	2,233	16,121	142,738	42,516	32,374	17,475	12,156
8. Machinery and vehicles.....	2,592,407	51,094	22,947	712,821	1,051,396	126,280	303,561	199,236	124,782
9. Chemicals and related products.....	113,453	2,491	97	16,026	63,350	6,260	17,321	3,802	4,316
10. Miscellaneous.....	352,406	6,408	3,248	212,739	35,354	34,302	31,704	18,632	8,921

Sources: See general note, p. 800.

**No. 1026.—EXPORTS (INCLUDING REEXPORTS) AND GENERAL IMPORTS OF MERCHANDISE, BY COUNTRY OF DESTINATION AND ORIGIN:  
1931 TO 1946**

**[In thousands of dollars]**

AREA AND COUNTRY	1931-35, average		1941		1942		1943		1944		1945		1946	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
Grand total	2,025,195	1,715,102	462,976	414,000	818,593	2,432,030	5,147,154	3,345,005	8,078,889	2,744,862	12,864,906	3,381,349	14,358,702	3,919,370
North America														
Northern Area	300,541	236,743	522,414	369,999	822,414	616,130	1,019,207	574,754	1,368,777	735,846	1,476,562	1,046,546	1,480,619	1,279,318
Greenland	7	289	155	784	814	814	814	1,778	1,545	3,908	1,037	3,305	1,386	1,570
Iceland	169	579	821	1,476	3,798	6,876	6,876	3,798	12,440	2,462	16,043	5,924	19,696	4,020
Canada	294,797	228,784	512,717	359,562	822,414	616,130	1,019,207	574,754	1,368,777	735,846	1,476,562	1,046,546	1,480,619	1,279,318
Newfoundland and Labrador	5,350	6,762	8,765	8,121	17,836	15,650	21,121	15,650	21,121	12,423	17,217	12,937	18,639	14,430
Miquelon and St. Pierre	218	359	157	53	162	53	130	35	130	35	312	3	157	( )
Southern Area	162,435	177,357	291,178	246,139	411,200	411,200	507,580	411,200	473,028	360,584	543,938	641,513	625,938	757,830
Mexico	48,494	28,943	85,625	58,037	159,107	159,107	159,107	159,107	159,107	123,939	196,606	192,219	274,254	204,322
Central America	37,011	26,243	62,351	36,049	99,551	99,551	99,551	99,551	99,551	49,558	82,641	54,935	74,490	100,405
Guatemala	3,820	4,655	7,343	9,864	10,639	10,639	9,331	15,506	9,331	15,506	10,235	10,292	10,665	18,139
British Honduras	831	924	1,043	1,861	1,624	1,624	1,624	1,624	1,624	1,922	2,596	2,469	2,540	3,618
El Salvador	2,811	2,591	3,760	6,633	5,895	5,895	5,437	7,293	5,437	11,912	7,013	14,492	6,638	14,537
Honduras	5,422	5,357	5,973	8,799	8,879	8,879	8,879	8,879	8,879	5,299	6,137	4,893	8,999	7,295
Nicaragua	2,522	2,204	3,797	2,657	6,711	3,157	4,446	4,572	4,446	4,572	7,079	5,145	7,036	5,973
Costa Rica	2,765	3,312	6,855	3,807	12,935	8,719	7,213	6,042	10,696	8,895	10,696	8,895	12,561	7,557
Panama, Republic of	18,840	4,159	17,937	4,096	34,861	4,757	29,064	2,745	35,062	1,494	35,062	1,494	22,961	1,796
Panama Canal Zone			1,260,070	558	72,378	411	37,381	1,590	3,863	1,345	3,863	1,345	3,039	1,923
Bermuda and Caribbean	76,939	112,072	143,303	152,045	192,850	204,745	225,816	207,187	274,848	394,660	274,848	394,660	274,848	448,421
Bermuda	3,084	601	3,523	321	6,606	313	8,299	563	5,461	733	5,461	733	5,461	599
Bahamas							5,833	722	29,586	1,296	17,876	1,066	10,866	973
Cuba	41,255	78,024	90,471	118,313	125,766	181,061	138,230	181,043	183,938	291,898	167,371	386,990	195,756	387,990
Jamaica	3,771	2,923	4,844	1,496	3,340	3,016	5,873	3,000	7,573	4,926	10,896	4,230	10,056	2,389
Haiti	3,822	912	4,283	2,868	5,778	7,464								



	191, 974	244, 189	317, 499	337, 768	537, 375	674, 285	375, 835	638, 941	411, 480	775, 887	540, 277	922, 813	645, 226	964, 900	1, 152, 211	1,094,737
<b>Northern Area</b>																
Colombia	32, 599	78, 645	95, 300	78, 989	140, 887	110, 183	91, 218	104, 616	105, 293	135, 296	156, 949	163, 596	232, 027	194, 081	364, 877	283, 346
Venezuela	17, 011	56, 304	42, 152	48, 282	65, 589	52, 832	30, 417	77, 832	46, 270	98, 419	60, 401	104, 724	88, 209	102, 877	146, 651	156, 563
British Guiana	15, 371	20, 827	50, 796	26, 853	68, 170	49, 396	47, 168	20, 184	44, 708	25, 810	87, 133	54, 367	136, 647	85, 020	211, 522	119, 623
Surinam	565	501	1, 144	626	2, 922	1, 013	4, 816	1, 647	4, 181	2, 510	3, 953	718	3, 279	740	3, 485	928
French Guiana	531	970	1, 017	3, 185	3, 844	6, 894	9, 065	4, 903	9, 726	8, 545	4, 627	3, 755	3, 200	5, 368	3, 592	6, 163
	113	43	192	44	361	45	252	50	408	12	835	34	691	27	627	69
<b>Western Area</b>																
Ecuador	24, 448	31, 493	55, 472	61, 071	109, 638	170, 248	88, 677	195, 184	102, 292	213, 973	115, 460	238, 005	123, 751	218, 041	184, 518	157, 119
Peru	2, 289	2, 848	4, 800	3, 640	8, 417	7, 483	8, 933	8, 726	10, 995	13, 712	14, 404	15, 226	15, 080	13, 955	22, 226	13, 219
Bolivia	7, 789	6, 357	18, 340	14, 053	31, 766	23, 706	27, 537	20, 562	34, 428	26, 353	36, 867	30, 492	42, 521	34, 039	63, 335	35, 997
Chile	2, 903	135	5, 419	2, 129	11, 980	27, 328	11, 007	26, 006	13, 982	32, 501	12, 429	38, 665	14, 275	34, 860	21, 731	24, 023
	11, 466	22, 154	26, 912	41, 249	57, 474	111, 721	41, 200	139, 890	42, 887	141, 407	51, 761	153, 623	51, 874	135, 186	77, 226	83, 880
<b>Eastern Area</b>																
Brazil	83, 036	134, 022	166, 628	197, 642	276, 850	393, 854	195, 942	339, 143	203, 893	426, 618	267, 868	521, 208	289, 448	552, 828	602, 816	654, 272
Paraguay	34, 180	93, 230	74, 108	106, 596	147, 897	183, 892	105, 041	165, 215	156, 307	228, 499	218, 192	292, 752	218, 626	311, 168	356, 388	408, 004
Uruguay	5, 536	333	725	1, 332	1, 065	3, 391	1, 656	3, 030	1, 885	3, 458	1, 856	3, 640	2, 562	6, 221	5, 505	3, 751
Argentina	5, 743	4, 270	8, 650	11, 559	18, 413	39, 764	17, 292	20, 646	13, 691	48, 606	18, 606	47, 606	29, 442	66, 229	47, 858	48, 221
Falkland Islands	42, 555	36, 099	83, 141	78, 149	109, 314	166, 618	71, 866	149, 853	31, 818	144, 884	29, 092	176, 935	38, 719	168, 688	193, 068	194, 293
	23	90	4	6	161	189	87	399	192	1, 191	123	245	99	512	6	3
<b>Europe</b>																
	959, 969	515, 734	1, 332, 067	625, 607	1, 840, 052	276, 973	3, 996, 549	217, 647	7, 617, 045	233, 513	9, 344, 199	285, 274	5, 494, 789	404, 812	4, 097, 063	796, 192
<b>Northwestern and Central Area</b>																
Sweden	795, 206	411, 882	1, 130, 707	486, 835	1, 679, 938	196, 422	2, 559, 521	173, 608	4, 552, 415	160, 628	5, 362, 445	145, 264	3, 080, 276	257, 994	2, 769, 273	508, 855
Norway	27, 898	32, 984	61, 722	42, 312	22, 356	4, 420	8, 630	401	7, 554	384	13, 112	673	45, 904	46, 210	208, 236	47, 097
Denmark	10, 216	14, 773	21, 419	18, 576	40	5, 999		4	( <sup>1</sup> )	2, 057	244	2, 129	19, 025	1, 273	78, 801	13, 231
Faroe Islands (Danish)	16, 069	2, 046	17, 089	3, 585	44	106	11	18	( <sup>1</sup> )			5	5, 229	250	38, 077	4, 276
United Kingdom	374, 436	118, 388	602, 744	165, 156	1, 637, 344	136, 462	2, 528, 627	134, 230	4, 506, 459	105, 438	5, 242, 621	84, 480	2, 192, 788	89, 544	855, 629	156, 410
Eire (Irish Free State)	5, 906	889	12, 986	1, 630	4, 331	2, 670	5, 962	2, 007	7, 142	1, 468	8, 877	1, 135	10, 234	1, 420	28, 188	2, 174
Netherlands	51, 916	31, 476	74, 990	34, 441	4	316		226		129		116	82, 152	5, 360	221, 688	22, 906
Belgium and Luxembourg																
France	50, 259	29, 062	64, 135	53, 638	1	9, 469		2, 213		876		158	135, 160	15, 503	279, 099	77, 352
Germany <sup>1</sup>	117, 562	58, 552	172, 433	58, 766	2, 354	5, 104	1, 081	780	6 3	494	17, 897	406	472, 014	13, 289	712, 011	62, 789
Austria	128, 092	85, 079	76, 412	58, 912	17	3, 471	6 20	470	15	244	( <sup>1</sup> )	70	2, 205	1, 104	82, 251	3, 158
Czechoslovakia <sup>1</sup>	1, 702	2, 953	2, 133	3, 712				1		7		3	2	30	45, 798	1, 494
Hungary <sup>1</sup>	2, 642	17, 959	9, 635	18, 186		16							51, 951	499	106, 697	19, 159
Switzerland	405	1, 396	2, 051	3, 723	5	127		29		1			115	19	6, 372	328
	8, 103	16, 325	13, 811	26, 684	13, 443	30, 262	15, 190	33, 229	32, 242	49, 530	79, 693	56, 089	63, 496	83, 494	108, 426	98, 480

<sup>1</sup> Less than \$500. © Average for 3 years. © Bahamas, Leeward and Windward Islands known as Other British West Indies prior to 1942. © Reported as noncontiguous territory beginning 1935. © Average for 1931-34. © Shipment for relief or charity and shipment to Andorra which is included with France. © For statistical purposes, trade with Germany was defined to include (as far as ascertainable) trade with German-occupied areas from the following dates to close of World War II: Austria, May 6, 1938; Sudeten area of Czechoslovakia, November 10, 1938; other Czechoslovak provinces (Protectorate of Bohemia-Moravia, and part of Slovakia), March 18, 1939, and Danzig and the German-occupied parts of Poland, November 16, 1939. Trade with Memel territory of Lithuania was also included with Germany beginning March 25, 1939. Similarly trade with Czechoslovak area occupied by Poland is included with Polish trade from

December 30, 1938, to November 16, 1939, while trade with that area of Czechoslovakia occupied by Hungary was defined to be trade with Hungary on December 30, 1938, and March 19, 1939, for the respective portions of Ruthenia and part of Slovakia occupied by Hungary on those dates. Though country classifications used in this table do not recognize de facto boundaries existing after World War II in regard to certain geographical areas, statistics are primarily in terms of this situation. For example, certain shipments credited to U. S. S. R. should probably be credited to Estonia, Latvia, Russian-occupied Poland, etc., but when the country of ultimate destination or origin of merchandise in terms of pre-war boundaries is not always readily ascertainable, the de facto situation is reflected in the statistics. © Shipments for relief for charity.

FOREIGN COMMERCE

[In thousands of dollars]

AREA AND COUNTRY	1931-35, average		1936-40, average		1941		1942		1943		1944		1945		1946	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
Europe—Con.																
Northeastern Area...																
Finland.....	53,139	28,443	92,111	53,394	115,273	31,488	1,425,442	24,657	2,994,836	29,917	3,473,257	49,654	1,921,977	58,722	572,268	112,977
Estonia <sup>7</sup> .....	4,641	9,636	13,904	15,433	7,714	1,254	.....	1	.....	.....	.....	2	891	4	31,216	12,129
Latvia <sup>7</sup> .....	798	518	1,182	923	.....	.....	.....	.....	.....	(1)	.....	.....	3	(1)	2	4
Lithuania <sup>7</sup> .....	422	751	1,234	753	29	7	.....	.....	.....	34	.....	.....	11	.....	1	12
Poland and Danzig <sup>7</sup> .....	222	263	1,398	717	(1)	.....	.....	.....	(1)	8	.....	4	84,622	1	183,126	258
Union of Soviet Socialist Republics (Russia) <sup>7</sup> ...	14,034	4,234	17,474	11,346	6	132	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Southwestern Area...																
Azores <sup>8</sup> .....	33,022	13,040	57,917	24,223	107,524	30,095	1,425,442	24,656	2,994,836	29,875	3,473,257	49,649	1,836,449	58,716	357,921	100,573
Azores and Madeira Islands <sup>9</sup> .....	102,007	64,010	92,657	60,017	31,390	34,732	10,815	18,686	63,891	41,908	486,568	89,272	301,488	84,542	477,720	141,824
Spain.....	251	759	331	656	.....	.....	680	179	275	198	625	323	339	324	992	887
Portugal.....	34,150	16,130	18,718	13,251	14,333	14,487	2,881	8,080	28,222	18,618	25,817	49,615	40,769	57,417	42,682	48,310
Gibraltar.....	6,970	3,496	12,534	7,450	16,165	18,973	7,019	10,304	9,390	22,905	12,282	35,885	23,263	21,182	60,030	23,273
Malta, Gozo, and Cyprus <sup>10</sup> .....	199	13	255	4	57	(1)	151	2	7,423	8	761	6	1,060	1	89	20
Italy <sup>11</sup> .....	60,437	43,611	60,819	38,655	15	199	2	117	15,209	158	433,192	3,396	5,379	416	2,314	678
Aegean Islands <sup>11</sup> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48	230,687	5,203	370,632	68,657
Malta and Gozo <sup>10</sup> .....	.....	.....	.....	.....	.....	.....	82	4	3,372	21	13,890	.....	.....	.....	981	.....
Southeastern Area...																
Yugoslavia.....	9,637	11,399	16,612	25,360	13,451	12,331	769	695	5,901	1,062	21,931	1,085	191,049	3,554	277,791	32,536
Albania.....	666	1,781	2,628	4,234	552	715	.....	179	.....	205	.....	.....	90,563	192	126,614	1,225
Greece.....	13 101	13 50	153	133	8	.....	.....	.....	.....	.....	.....	.....	6,911	.....	4,324	5
Rumania.....	5,882	8,560	7,241	15,619	12,786	9,519	639	228	5,792	31	21,536	6	93,198	346	142,845	23,662
Bulgaria.....	2,345	634	5,545	2,671	(1)	52	.....	.....	.....	(1)	.....	3	2	6	2,028	56
Cyprus <sup>10</sup> .....	244	314	506	1,816	7	1,548	.....	9	.....	826	.....	1,075	375	3,010	1,981	7,588
Malta, Gozo, and Cyprus <sup>10</sup> .....	419	69	536	887	98	497	130	279	109	.....	594	.....	.....	.....	.....	.....

Western Area.....	11, 119	16, 269	20, 241	20, 165	20, 457	132, 669	45, 226	266, 266	224, 214	92, 437	96, 423	104, 213	121, 413	1, 342, 451	691, 251
Turkey.....	2, 255	7, 321	10, 189	6, 810	10, 718	15, 960	17, 435	37, 336	52, 674	11, 544	51, 078	15, 008	32, 675	184, 547	
Syria.....	1, 068	1, 388	2, 297	2, 203	1, 104	2, 006	2, 435	2, 315	2, 581	2, 315	2, 041	6, 626	17, 114	68, 353	
Iraq.....	1, 153	2, 666	2, 823	7, 625	7, 166	65, 161	5, 269	79, 976	1, 046	16, 480	2, 553	10, 960	6, 771	8, 541	
Iran (Persia).....	2, 315	3, 496	6, 113	6, 792	8, 596	47, 626	7, 548	19, 966	5, 756	13, 848	11, 027	28, 107	22, 147	14, 019	
Palestine and Trans-Jordan.....	2, 939	123	4, 262	4, 168	1, 080	5, 553	3, 336	8, 566	9, 408	13, 857	9, 553	14, 033	13, 898	31, 192	
Arabia Peninsula States <sup>1) 4)</sup> .....	206	146	2, 979	1, 267	797	806	936	706	899	15, 949	774	18, 731	1, 792	22, 947	
Kuwait <sup>4)</sup> .....															
Saudi Arabia <sup>4)</sup> .....															
Arabia Peninsula States, D. G. S. <sup>1)</sup> .....	153	940	256	189	66	421	24	777	45	636	81	50	928	1, 269	
Aden <sup>4)</sup> .....						1, 097	12	5, 112	6	12, 363	81	2, 060	600	53	
State of Bahrain <sup>4)</sup> .....						110	8, 171	97	10, 091	416	20, 799	6, 475	2, 915	781	
Afghanistan <sup>4)</sup> .....												843	3, 940	35, 538	
Southern and South-eastern Area.....	35, 674	276, 364	186, 520	406, 413	538, 709	448, 966	375, 868	572, 264	162, 361	651, 584	212, 374	531, 977	596, 919	519, 633	
India and Dependencies <sup>1)</sup> .....	29, 057	50, 509	43, 047	96, 162	131, 510	377, 793	105, 137	653, 865	126, 887	777, 279	144, 926	478, 686	161, 065	237, 690	
Ceylon.....	1, 065	9, 366	1, 664	1, 631	36, 942	11, 023	27, 631	94, 307	30, 797	74, 221	65, 004	87, 096	10, 178	31, 875	
Burma <sup>4)</sup> .....			4, 812	17, 321	2, 370	3, 787	589		16			503	2, 546	1, 074	
Thailand (Siam).....	1, 242	161	4, 656	7, 927	1, 876		267		( <sup>1)</sup>		( <sup>1)</sup>		7, 559	5, 354	
French Indo-China.....	1, 221	754	4, 606	3, 546	10, 077		286	6	222		( <sup>1)</sup>	1, 457	8, 077	41, 840	
British Malaya.....	3, 669	82, 976	9, 663	46, 277	343, 980	6, 586	47, 420		30		( <sup>1)</sup>	1, 045	14, 603	126, 801	
Netherlands Indies.....	10, 194	37, 973	31, 104	124, 025	241, 633	49, 708	88, 704		5, 946		2, 038	20, 649	73, 344	83, 770	
Philippine Islands.....	47, 680	89, 174	85, 020	108, 793	102, 445	33	5, 939		83		( <sup>1)</sup>	42, 141	297, 367	89, 712	
Portuguese Asia <sup>1)</sup> .....												235	2, 160	456	
Southern and south-eastern Asia, D. G. S. <sup>1) 4)</sup> .....	536	29	2, 947	839	17, 671	13	29	32	140	78	383	6	30	2	
Eastern Area.....	245, 137	202, 686	120, 123	187, 456	169, 676	73, 736	16, 447	55, 446	12, 949	51, 770	11, 143	111, 962	614, 169	177, 491	
China <sup>1)</sup> .....	62, 671	47, 775	82, 965	60, 849	87, 496	73, 639	15, 912	53, 940	11, 981	51, 770	11, 123	107, 638	455, 199	92, 690	
Korea <sup>1)</sup> .....													266	25	
Manchuria (Mandchuria) <sup>1)</sup> .....													64	14	
Hong Kong.....	10, 154	4, 652	17, 123	30, 417	2, 901	2	336		1		6	3, 792	45, 052	1, 461	
Formosa <sup>1)</sup> .....													110		
Fernam <sup>1)</sup> .....	2, 836	2, 073	12, 445	1, 949	1, 106										
Kwantung.....	169, 667	146, 186	238, 300	59, 901	78, 271	2	199	2, 208	61			( <sup>1)</sup>	1	83, 430	
Iran <sup>1)</sup> .....						107									

! Less than \$500. ⓐ Average for 3 years. ⓑ See footnote 7, p. 277. ⓒ Shipments for relief or charity. ⓓ Azores and Madeira Islands combined prior to 1942. Thereafter Azores shown separately and Madeira Islands transferred from southwestern Europe to Western Portuguese Africa. ⓔ Malta and Gozo, and Cyprus shown as Malta, Gozo, and Cyprus, under Europe, Southeastern Area prior to 1942 and under Europe, Southwestern Area in 1945 and 1946. ⓕ Asian Islands included with Italy prior to 1945. ⓖ Average for 1932-35. ⓗ Hadramut included with Arabia Peninsula States prior to 1942, thereafter included with Aden. ⓘ Data for Kuwait, Saudi Arabia, and Arabia Peninsula States, n. s., included with Arabia Peninsula States prior to 1945. ⓙ State of Bahrain

and Afghanistan included with Southern and Southeastern Asia, n. s. s., prior to 1942. <sup>Ⓢ</sup> Burma included with India and Dependencies prior to 1938. <sup>Ⓢ</sup> Portuguese Asia included with Southern and Southeastern Asia, n. s. s., prior to 1945. <sup>Ⓢ</sup> Manchuria included with China prior to 1945. <sup>Ⓢ</sup> Korea and Formosa included with Japan prior to 1945. <sup>Ⓢ</sup> Data represent shipments cleared prior to fall of Hong Kong. <sup>Ⓢ</sup> Japanese Mandated Islands included with Japan prior to 1942. <sup>Ⓢ</sup> Shipments for relief or charity (which include shipments to prisoners of war) for \$2,207,000 and a shipment to the Swedish Legation in Tokyo for \$1,000.



Western British Africa:	2,262	6,300	3,425	13,309	19,425	13,231	42,736	4,377	13,169	11,781	7,434	17,682	4,262	21,718	3,753	23,306
Gold Coast	1,662	4,245	2,616	7,376	2,834	7,764	10,551	4,243	12,390	6,168	7,890	11,595	6,726	13,455	6,404	12,115
Nigeria																
St. Helena and Dependencies							1		9		5	2				
Gambia and Sierra Leone							8,653	277	7,829	987	5,687	1,508				
Other Brit. W. Africa	387	211	364	616	1,870	668										
British West Africa, n. e. s.																
Western Portuguese Africa:													1,824	1,528	922	1,131
Madeira Islands							388	1,245	773	2,041	419	5,031	543	6,569	964	8,888
Cape Verde Islands							78	23	158	1	227	10	193	1	347	1
Portuguese Guinea																
and Angola							796	624	759	1,605	1,481	2,539	1,855	4,273	3,035	8,774
Other Portuguese Africa																
Liberia	714	148	1,208	543	1,284	734	2,551	5,643	2,832	7,643	3,788	8,576	2,554	11,470	4,491	12,875
Belgian Congo	200	53	904	1,558	2,771	3,346	26,218	39,692	18,889	41,696	19,814	42,655	17,787	48,735	23,787	18,533
	762	1,882	2,411	6,569	13,587	34,316										
Eastern Area:																
Eastern Italian Africa	6,976	4,589	12,665	7,992	15,249	12,002	17,632	19,497	39,056	16,454	29,890	19,203	22,075	32,432	28,644	27,884
Ethiopia (Abyssinia)	1,057	142	537	213	(1)	10	1,422	148	474	218	265	607	295	774	295	1,654
French Somaliland	39	294	102	399		248		1,075	11	508	849	724	1,502	1,077	745	3,480
British Somaliland									(1)	3	21	(1)	90		182	96
Seychelles and Dependencies										427		758	(1)	849	(1)	2,304
Mauritius and Dependencies	1,746	1,951	4,263	5,639	9,995	10,021	1	100	3	152	4	93	1	142	1	584
British East Africa																
Mozambique	3,780	1,975	7,348	101	4,819	701	104	13,567	35,447	8,749	24,211	10,470	11,584	(1)	353	1
Madagascar	354	227	415	1,640	435	1,022	1,232	929	1,021	3,158	1,415	2,722	3,259	3,373	10,860	9,599
							43	3,073	1,610	3,238	2,532	3,828	4,567	11,321	8,129	8,196
Southern Area:																
Union of South Africa	33,379	3,697	81,901	27,002	189,387	72,688	163,555	102,829	163,539	96,257	140,831	94,436	137,211	128,672	227,538	156,893
Northern Rhodesia	32,875	3,462	80,386	22,472	186,980	66,181	99,919	96,303	152,037	88,443	128,847	88,895	131,130	103,893	227,414	150,575
Southern Rhodesia							892		1,739	1	2,108	5	1,275	17,223	721	2,451
So. Brit. Africa							2,722	6,520	9,747	7,809	9,866	5,227	4,766	7,553	7,900	3,749
Other Brit. So. Afr.	503	235	1,515	4,530	2,407	6,507	22	6	16	4	9	309	40	3	1,554	27

<sup>1</sup> Less than \$500. © <sup>1</sup> Azores and Madeira Islands combined prior to 1942. Thereafter, Azores shown separately and Madeira Islands transferred from southwestern Europe to Western Portuguese Africa. © <sup>2</sup> Japanese Mandated Islands included with Japan prior to 1942. © <sup>3</sup> Data for New Hebrides included with British Oceania prior to 1945. © <sup>4</sup> French Morocco and Tangier combined as Morocco prior to 1942. © <sup>5</sup> Spanish Morocco, Rio de Oro, and Spanish Guinea known as Other Spanish Africa prior to 1942. Beginning with 1945, Spanish Morocco, Rio de Oro, and Spanish Guinea combined as Spanish Africa, n. e. s. © <sup>6</sup> Libya included with Eastern Italian Africa prior to 1942. © <sup>7</sup> Cameroon, French Equatorial Africa, French West Africa, and French Somaliland known as Other French Africa, n. e. s. prior to 1942. © <sup>8</sup> St. Helena and Dependencies,

Gambia, and Sierra Leone known as Other British West Africa prior to 1942 and as British West Africa, n. e. s., beginning with 1945. ©<sup>38</sup> Cape Verde Islands, Portuguese Guinea, and Angola known as Other Portuguese Africa prior to 1942. ©<sup>39</sup> Nyasaland included with Other British South Africa prior to 1942 and with British East Africa thereafter. ©<sup>40</sup> Basutoland and Swaziland included with Union of South Africa, prior to 1942 and with Southern British Africa thereafter. ©<sup>41</sup> Northern Rhodesia, Southern Rhodesia and Southern British Africa known as Other British South Africa prior to 1942, and shown separately thereafter.

**Source:** See general note, p. 899.

No. 1027.—EXPORTS (INCLUDING REEXPORTS) AND IMPORTS OF MERCHANDISE,  
1944, 1945, AND 1946, AND DUTIES COLLECTED, 1946, BY CUSTOMS DISTRICTS

[In thousands of dollars]

CUSTOMS DISTRICT	EXPORTS, DOMESTIC AND FOREIGN			IMPORTS FOR CONSUMPTION			Duties collected, 1946 <sup>1</sup>
	1944	1945	1946	1944	1945	1946	
Total.....	14,258,792	9,805,525	9,739,482	3,577,885	4,686,817	4,792,116	802,234
North Atlantic coast.....	7,553,733	4,819,617	4,435,729	1,682,456	1,996,369	2,324,262	261,616
Maine and New Hampshire.....	108,477	40,497	34,423	40,760	51,313	47,210	1,574
Massachusetts.....	55,508	68,536	68,836	152,451	208,274	304,242	116,702
Rhode Island.....	653	540	10,689	15,297	20,338	24,540	9,678
Connecticut.....	( <sup>2</sup> )	17	222	3,041	2,143	5,188	940
New York.....	5,988,425	4,019,929	4,017,685	1,275,776	1,476,679	2,287,514	181,081
Philadelphia.....	1,450,661	690,098	306,872	205,122	236,622	255,461	31,661
South Atlantic coast.....	1,700,951	913,187	978,599	210,227	271,394	287,924	24,848
Maryland.....	1,078,725	498,996	344,973	101,338	117,905	147,370	8,723
Virginia.....	156,023	209,029	468,378	30,762	46,735	50,706	7,478
North Carolina.....	92,154	46,893	45,883	21,977	28,294	36,438	11,588
South Carolina.....	5,666	2,848	20,331	3,058	5,347	7,431	820
Georgia.....	366,526	151,691	94,829	37,146	50,860	21,720	1,713
Puerto Rico.....	1,857	3,732	4,246	15,946	23,223	24,261	4,834
Virgin Islands <sup>3</sup> .....	182	239	458	1,024	757	1,817	44
Gulf coast.....	1,078,784	1,150,262	1,691,077	474,848	453,179	283,957	15,062
Florida.....	408,877	169,203	173,569	91,063	85,786	74,296	7,274
Mobile.....	91,477	111,427	110,381	27,101	27,222	20,188	1,808
New Orleans.....	283,790	395,809	569,070	294,374	288,004	288,004	8,091
Sabine.....	28,655	55,977	110,539	1,031	1,279	1,198	8
Galveston.....	262,985	417,846	727,517	61,279	60,888	60,294	1,763
Mexican border.....	340,483	255,616	405,263	116,554	117,394	103,626	11,968
Laredo.....	198,297	210,761	331,327	76,461	76,181	56,447	5,701
El Paso.....	22,592	24,994	40,651	19,086	18,704	24,308	2,898
Arizona.....	19,594	19,861	33,285	21,007	22,509	23,784	3,368
Pacific coast.....	1,819,113	1,302,184	687,732	267,166	232,679	264,836	22,260
Washington.....	210,879	222,427	134,061	115,072	92,677	65,567	3,111
Oregon.....	76,094	574,096	110,017	8,457	5,066	11,538	2,546
San Francisco.....	304,255	213,143	297,279	64,476	66,052	102,374	7,169
Los Angeles.....	145,508	97,414	113,237	58,572	41,495	60,753	6,996
San Diego.....	25,813	28,803	24,439	7,276	8,243	11,009	1,953
Alaska.....	271,112	165,654	1,056	596	2,639	871	48
Hawaii.....	53	586	6,745	12,716	26,217	9,234	432
Northern border.....	1,615,129	1,212,158	1,347,069	1,025,741	942,692	787,848	48,226
Vermont.....	72,963	68,848	97,364	78,448	63,441	62,860	3,268
St. Lawrence.....	198,448	151,202	179,710	117,700	149,156	111,933	2,782
Rochester.....	31,815	21,852	22,360	14,424	7,544	6,712	758
Buffalo.....	299,967	265,046	318,738	290,931	200,726	152,171	7,394
Ohio.....	100,105	82,131	89,663	33,705	20,791	31,406	7,900
Michigan.....	752,753	505,855	480,398	220,891	302,274	208,631	10,408
Chicago.....	20,852	9,942	16,112	62,480	47,701	66,674	11,908
Wisconsin.....	1,730	495	730	14,193	10,553	12,702	740
Duluth and Superior.....	27,680	20,653	26,186	97,668	53,376	48,431	1,024
Dakota.....	77,511	71,517	98,983	75,981	49,055	68,529	1,710
Montana and Idaho.....	30,897	14,817	16,865	19,672	7,470	6,568	68
Interior.....	224,579	84,135	310	90,902	67,523	37,913	17,728
Pittsburgh.....	5,793	553	45	13,340	9,684	12,894	6,192
Kentucky.....	163,086	53,016	6	4,844	2,656	3,027	1,706
Tennessee.....	44,622	23,650	1	2,439	3,551	3,135	1,816
Indiana.....	1,616	11	90	4,758	2,554	4,460	4,436
Omaha.....	( <sup>4</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	1,346	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>7</sup> )
St. Louis.....	7,580	6,776	72	7,461	7,661	11,485	2,520
Minnesota.....	1,622	230	72	55,148	38,740	2,740	823
Colorado.....	260	1	23	1,764	1,777	1,632	246
Merchant vessels leaving under their own power or aloft.....		33,521	104,253		5,428		
Mail shipments.....	26,937	34,942	69,957				

<sup>1</sup> As reported to Treasury Department by collectors of customs, subject in certain cases to subsequent refund as well as drawback. These figures are somewhat higher than duties as calculated on the basis of imports for consumption, as shown in table 1021.

<sup>2</sup> Includes \$19,483,000 for export shipments individually valued under \$25, except shipments by air; previously distributed by Customs Districts.

<sup>3</sup> Less than \$500.

<sup>4</sup> Duties less cost of collection are turned into the Islands Treasury; excluded from totals.

<sup>5</sup> Excluded from totals; not part of U. S. Customs area, assessed under Tariff law of Virgin Islands.

<sup>6</sup> Omaha included with Chicago.

Source: See general note, p. 899.



**No. 1028.—EXPORTS (INCLUDING REEXPORTS) AND IMPORTS OF MERCHANDISE,  
BY GROUPS OF CUSTOMS DISTRICTS: 1860 TO 1946**

[In thousands of dollars. For basis of dollar values, except export figures for 1865 and 1870-78, see general note, p. 899. Export figures for those years represent mixed gold and currency values and hence do not agree with the specie values given for total exports in other tables. Figures cover fiscal years to and including 1915, calendar years beginning 1916. Import data are "general imports" through 1933; "Imports for consumption" thereafter. Exports and imports of the interior districts, a small percentage of the total, are not included in this table]

YEAR OR YEARLY AVERAGE	ATLANTIC COAST		GULF COAST		MEXICAN BORDER		PACIFIC COAST		NORTHERN BORDER	
	Exports	Imports	Exports	Imports	Ex- ports	Im- ports	Exports	Imports	Exports	Imports
1860-----	160,216	304,577	153,680	22,303	1,012	528	4,981	7,372	13,688	18,836
1865-----	257,459	193,741	3,622	1,476	-----	-----	10,905	15,948	16,228	27,580
1870-----	293,440	370,614	146,020	16,506	2,213	959	14,647	16,241	15,043	31,639
1871-1875-----	390,885	501,968	122,677	20,099	2,719	1,440	21,581	26,039	22,318	28,328
1876-1880-----	533,477	425,404	107,452	12,430	3,114	1,707	33,466	30,326	25,028	22,703
1881-1885-----	589,552	572,760	114,719	13,834	4,431	2,200	50,742	40,285	32,649	37,141
1886-1890-----	548,775	594,176	112,611	14,204	3,640	6,413	42,352	46,455	31,000	48,514
1891-1895-----	655,100	651,233	140,229	21,407	8,597	9,619	44,260	46,683	44,235	48,245
1896-1900-----	813,139	611,207	188,587	18,356	15,051	4,579	60,712	49,627	79,727	50,247
1901-1905-----	923,383	776,744	297,581	37,652	25,364	12,931	81,029	55,747	126,276	76,141
1906-1910-----	1,058,483	1,052,156	408,656	60,901	33,074	16,980	86,229	82,813	192,242	112,757
1911-1915-----	1,364,246	1,278,953	513,960	100,153	22,785	24,708	135,718	128,019	333,493	159,878
1915-1920 <sup>1</sup> -----	4,234,998	2,245,780	946,560	185,341	49,361	41,471	449,906	429,557	840,366	432,185
1921-1925-----	2,207,289	2,296,418	1,088,592	233,228	73,826	17,117	374,062	421,082	643,761	456,922
1926-1930-----	2,224,224	2,675,493	1,062,472	275,442	92,606	30,003	526,059	485,671	825,539	535,040
1931-1935-----	935,052	1,196,933	502,979	119,962	45,478	8,662	248,645	147,815	287,559	220,029
1936-1940-----	1,685,565	1,701,213	586,516	171,264	74,787	11,029	363,815	201,208	491,942	327,539
1905-----	917,350	888,239	319,544	48,210	26,245	14,981	103,122	62,257	152,300	90,030
1906-----	1,061,778	974,563	368,723	53,984	34,925	16,945	101,770	66,324	176,665	97,928
1907-----	1,079,770	1,133,032	469,273	62,908	41,101	18,001	92,030	91,140	198,674	109,172
1908-----	1,155,781	907,185	396,552	59,341	33,101	10,869	94,207	81,982	181,147	14,874
1909-----	976,963	1,018,847	409,631	59,566	27,136	16,178	69,949	85,962	179,329	112,690
1910-----	1,018,144	1,227,155	399,100	68,705	29,106	22,911	73,189	88,657	225,396	129,123
1911-----	1,166,469	1,163,540	487,929	82,148	30,397	20,364	94,261	102,703	269,890	137,724
1912-----	1,262,679	1,268,101	463,974	92,245	27,194	22,512	127,542	111,488	322,371	137,882
1913-----	1,348,811	1,375,850	543,077	103,612	24,203	27,080	146,856	128,895	401,998	153,613
1914-----	1,304,109	1,374,621	566,388	120,372	16,630	32,803	136,243	138,151	341,183	205,273
1915-----	1,739,159	1,212,656	508,435	102,388	14,801	20,801	173,686	158,858	332,020	164,897
1915 (6 mos.)-----	1,303,840	638,241	223,556	44,396	9,766	13,024	97,319	105,067	218,381	105,395
1916-----	3,826,421	1,654,404	624,381	114,298	23,501	42,970	337,920	294,973	670,418	268,982
1917-----	4,287,541	1,798,340	663,341	144,479	48,420	46,144	390,024	539,336	844,186	404,062
1918-----	3,758,942	1,829,544	776,176	156,390	47,556	52,414	538,987	568,563	1,027,428	403,311
1919-----	5,211,140	2,629,614	1,235,148	220,298	58,021	35,195	599,000	463,137	817,116	529,496
1920-----	4,904,606	3,801,648	1,683,476	339,513	84,220	38,345	511,233	391,488	1,044,482	665,766
1921-----	2,378,557	1,726,488	1,076,736	158,231	103,543	10,113	311,605	190,308	614,591	408,411
1922-----	1,938,344	2,024,214	914,466	188,420	57,012	11,300	312,357	430,152	609,596	440,266
1923-----	2,070,261	2,534,277	991,864	237,570	59,564	20,155	371,572	480,679	674,231	486,843
1924-----	2,245,602	2,357,723	1,164,452	281,881	73,253	20,343	447,311	477,302	638,946	441,717
1925-----	2,403,680	2,839,389	1,295,444	300,038	75,759	23,673	427,475	526,969	681,427	507,373
1926-----	2,308,548	2,953,131	1,120,944	325,614	72,831	26,317	518,888	546,102	759,473	543,493
1927-----	2,297,143	2,774,503	1,100,918	285,373	77,120	27,623	506,125	510,569	856,284	555,002
1928-----	2,290,374	2,677,130	1,227,757	284,576	95,464	30,394	561,007	504,695	924,741	564,119
1929-----	2,424,262	2,931,456	1,140,828	283,941	115,663	39,595	595,015	523,543	939,071	585,417
1930-----	1,800,794	2,041,245	822,412	197,706	101,953	26,087	449,260	343,446	648,128	427,172
1931-----	1,167,773	1,461,406	502,108	139,074	47,969	13,857	303,038	194,948	389,335	264,791
1932-----	665,222	914,138	467,085	93,621	32,794	7,827	203,026	130,018	233,689	168,175
1933-----	719,654	1,037,536	502,051	100,761	41,852	4,031	197,666	121,083	209,653	176,740
1934-----	1,018,051	1,158,479	510,009	113,365	47,783	6,359	259,414	122,805	297,532	216,964
1935-----	1,104,560	1,408,103	533,642	152,988	57,004	11,238	280,079	170,219	307,586	273,475
1936-----	1,201,818	1,680,548	546,212	162,650	55,563	8,129	275,383	191,788	360,391	349,923
1937-----	1,679,976	2,115,960	661,715	214,188	101,732	10,762	403,931	232,313	482,832	404,070
1938-----	1,531,603	1,370,625	627,496	159,814	79,656	10,438	387,101	150,761	453,115	236,939
1939-----	1,640,361	1,600,828	575,505	156,523	85,726	12,918	390,037	179,157	469,625	301,069
1940-----	2,373,976	1,738,104	521,650	163,145	51,258	12,898	362,621	252,020	603,748	345,692
1941-----	3,246,130	2,161,296	364,016	228,794	90,883	30,519	376,473	307,958	1,032,023	459,070
1942-----	4,999,419	1,463,674	707,658	359,754	131,003	63,940	784,749	242,509	1,431,162	600,006
1943-----	7,743,919	1,692,350	1,067,554	395,278	185,120	119,736	2,376,515	250,028	1,537,805	889,091
1944-----	9,254,685	1,902,683	1,078,784	474,848	240,483	116,554	1,819,113	267,166	1,615,120	1,025,741
1945-----	5,732,805	2,267,663	1,150,262	453,179	255,616	117,394	1,302,183	232,679	1,212,158	942,092
1946-----	5,414,327	3,212,186	1,691,077	383,987	405,263	103,535	687,732	266,836	1,347,080	787,655

Period July 1, 1915, to Dec. 31, 1920.

Source: See general note, p. 899.

# No. 1029.—EXPORTS (INCLUDING REEXPORTS) AND IMPORTS OF MERCHANDISE, BY PRINCIPAL CUSTOMS DISTRICTS: 1860 TO 1946

[In thousands of dollars. For basis of dollar values, except export figures for 1865 and 1870-78, see general note, p. 899. Export figures for those years represent mixed gold and currency values. Figures cover fiscal years to and including 1915; thereafter, calendar years. Import data are "general imports" through 1933; "imports for consumption" thereafter. Areas of districts were rearranged July 1, 1913. Prior to that date some of the districts were more restricted. However, in most cases this change only slightly affects the comparability of the figures. Prior to 1914 the statistics given in the table for Buffalo include the (former) districts of Buffalo Creek and Niagara; those for Michigan include the (former) districts of Superior, Huron, and Detroit; and those for Massachusetts and Maryland were the former districts of Boston and Baltimore, respectively]

YEAR OR YEARLY AVERAGE	MASSACHUSETTS		NEW YORK		PHILADELPHIA		MARYLAND		GEORGIA	
	Ex- ports	Imports	Exports	Imports	Exports	Imports	Exports	Im- ports	Exports	Im- ports
1860.....	12,748	39,334	80,048	231,310	5,527	14,612	8,940	9,781	18,352	783
1865.....	19,862	24,390	202,509	152,249	11,053	7,038	12,141	4,816	-----	-----
1870.....	14,126	47,484	196,615	281,049	16,928	14,483	14,511	19,512	29,747	1,002
1871-1875.....	25,334	59,165	257,564	383,499	24,907	22,809	21,631	27,966	30,749	897
1876-1880.....	47,545	45,732	321,999	331,362	45,503	24,360	50,007	19,098	20,591	494
1881-1885.....	64,752	64,684	357,502	453,943	39,145	32,807	51,007	13,801	22,191	793
1886-1890.....	61,519	62,591	322,039	467,009	33,042	44,150	51,657	12,868	22,619	354
1891-1895.....	83,827	68,510	360,521	503,284	43,432	57,617	75,026	14,873	25,020	387
1896-1900.....	110,895	69,025	433,950	477,123	56,495	43,284	98,725	12,390	27,214	377
1901-1905.....	102,378	80,132	511,464	597,139	73,588	53,972	88,505	22,211	51,684	933
1906-1910.....	88,467	113,207	639,080	798,313	88,842	74,278	91,931	30,252	60,781	2,352
1911-1915.....	76,794	141,012	913,312	975,410	74,238	86,261	107,095	30,195	84,022	4,882
1915-1920 <sup>1</sup> .....	217,236	273,049	2,912,529	1,703,482	415,261	144,849	320,396	42,282	139,775	16,745
1921-1925.....	53,559	257,227	1,611,328	1,676,764	117,833	182,857	113,996	77,686	71,832	19,714
1926-1930.....	40,666	267,496	1,689,191	1,967,949	100,406	205,098	93,543	109,108	73,099	17,814
1931-1935.....	18,804	95,799	675,065	866,790	55,625	100,712	32,199	55,312	24,657	9,329
1936-1940.....	23,743	157,458	1,294,347	1,210,233	90,647	145,182	98,031	79,559	22,692	12,533
1905.....	87,804	100,318	524,726	679,629	63,278	60,181	91,215	21,181	62,245	1,489
1906.....	98,740	106,442	607,160	734,351	82,564	70,801	109,925	30,085	64,840	1,803
1907.....	100,872	124,433	627,950	853,697	94,832	79,870	104,809	37,774	63,040	2,204
1908.....	96,051	93,679	701,063	688,216	109,261	63,432	89,989	29,477	61,695	2,044
1909.....	76,158	112,473	607,239	779,309	84,286	68,884	77,551	24,022	50,900	2,152
1910.....	70,517	129,006	652,986	935,991	73,266	88,403	77,382	29,901	63,428	3,855
1911.....	71,534	116,597	772,552	881,593	69,956	83,627	85,121	32,174	72,076	5,297
1912.....	69,692	129,293	817,946	975,744	69,070	85,038	92,211	26,438	104,287	5,130
1913.....	69,553	146,599	917,936	1,048,321	76,315	93,210	116,474	32,895	58,235	4,462
1914.....	65,715	159,916	864,546	1,040,381	65,183	96,483	109,690	34,489	110,595	6,270
1915.....	107,476	152,654	1,193,581	931,011	90,666	72,948	131,978	24,963	74,919	3,251
1915 (6 mos.).....	53,707	81,345	1,026,310	498,617	77,689	31,420	57,647	11,938	20,262	859
1916.....	183,953	202,990	2,790,403	1,257,185	317,134	111,411	291,168	38,942	68,638	1,684
1917.....	208,532	229,404	2,901,138	1,361,662	502,224	102,244	377,376	36,963	107,777	4,888
1918.....	221,315	295,915	2,560,857	1,294,415	425,072	115,011	300,717	35,983	111,391	15,001
1919.....	334,487	299,365	3,456,329	2,064,654	519,564	153,819	353,713	38,900	258,682	15,397
1920.....	192,802	392,753	3,283,873	2,892,621	442,250	282,763	381,557	69,824	202,014	54,289
1921.....	60,251	164,922	1,730,256	1,332,265	130,672	122,302	142,810	41,124	64,124	9,986
1922.....	50,545	238,507	1,375,396	1,484,685	126,477	154,332	124,941	60,069	67,673	14,072
1923.....	52,159	307,288	1,518,852	1,797,820	106,507	219,710	93,436	91,836	51,493	28,928
1924.....	57,346	253,852	1,657,698	1,690,003	106,444	202,597	100,172	100,494	77,337	22,666
1925.....	47,494	321,567	1,774,436	2,074,149	119,064	215,343	108,614	94,906	98,534	22,917
1926.....	41,283	305,879	1,662,538	2,224,964	97,005	195,823	129,348	106,241	104,594	19,490
1927.....	42,181	288,499	1,726,110	2,042,783	90,911	204,500	101,323	108,967	97,228	18,066
1928.....	45,470	276,512	1,769,904	1,950,058	88,424	215,692	98,974	110,026	60,199	18,394
1929.....	40,763	290,394	1,903,095	2,152,716	123,862	243,547	84,231	116,569	57,912	18,698
1930.....	33,633	176,199	1,384,309	1,469,227	101,830	165,928	53,840	103,736	45,563	14,435
1931.....	26,062	105,103	868,707	1,062,350	74,302	115,296	34,440	77,889	28,472	12,659
1932.....	15,731	72,561	475,423	656,082	39,624	79,113	24,489	46,141	20,309	6,600
1933.....	11,963	93,185	506,982	748,235	47,848	91,012	25,583	45,933	23,785	6,833
1934.....	15,671	97,615	733,875	834,159	54,595	98,398	40,643	52,229	23,216	7,754
1935.....	24,575	110,533	790,336	1,033,125	61,756	119,742	35,841	54,867	27,503	12,764
1936.....	19,121	151,121	872,314	1,197,024	64,757	158,774	45,071	71,728	26,534	14,318
1937.....	27,699	219,662	1,234,432	1,479,810	92,464	190,894	106,695	99,290	29,717	16,438
1938.....	20,377	107,611	1,126,260	983,518	88,153	108,486	81,810	65,889	19,962	12,139
1939.....	23,101	145,387	1,293,846	1,148,984	92,868	131,885	89,066	66,120	23,179	10,059
1940.....	28,419	163,511	1,944,885	1,241,828	114,993	135,869	167,512	94,767	14,068	9,712
1941.....	43,002	256,905	2,699,821	1,517,871	152,219	165,804	145,459	105,274	36,638	12,776
1942.....	129,370	191,723	3,804,147	970,839	567,983	109,662	266,344	62,125	15,707	8,854
1943.....	103,861	172,264	5,016,109	1,146,420	1,330,890	148,566	819,236	83,018	149,326	25,341
1944.....	55,508	152,451	5,938,435	1,275,776	1,450,661	205,122	1,078,725	101,238	266,526	37,146
1945.....	68,536	208,274	4,019,929	1,476,679	690,098	236,522	498,996	117,906	151,691	50,890
1946.....	65,836	304,242	4,017,685	2,287,514	306,872	255,461	344,933	147,370	94,839	21,729

<sup>1</sup> Period July 1, 1915, to Dec. 31, 1920.

**1029.—EXPORTS (INCLUDING REEXPORTS) AND IMPORTS OF MERCHANDISE,  
BY PRINCIPAL CUSTOMS DISTRICTS: 1860 TO 1946—Continued**

[In thousands of dollars]

YEAR OR YEARLY AVERAGE	NEW ORLEANS		GALVESTON		BUFFALO		CHICAGO 1		MICHIGAN	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
-----	108,165	20,636	5,772	533	3,049	4,850	1,165	60	3,827	961
-----	3,582	1,464	-----	-----	991	7,118	4,500	311	2,877	1,441
-----	107,587	14,377	14,874	509	353	9,275	2,613	736	3,116	1,736
-1875-----	90,675	16,694	15,768	1,612	739	7,145	5,053	911	6,314	2,461
-1880-----	78,894	9,796	15,214	1,155	578	5,979	3,389	474	9,915	2,994
-1885-----	86,165	10,683	21,011	1,962	412	8,304	3,223	2,717	13,969	5,136
-1890-----	87,059	11,707	18,319	663	483	9,926	2,013	12,260	15,664	5,375
-1895-----	93,628	18,583	36,707	776	4,673	7,069	3,054	15,853	16,729	6,081
-1900-----	99,832	13,833	65,432	1,885	15,077	6,030	4,796	12,936	26,018	5,609
-1905-----	147,174	28,215	114,840	2,055	30,760	8,465	5,043	18,150	39,045	7,973
-1910-----	153,171	45,945	185,524	4,717	47,483	12,562	4,564	24,766	62,736	13,426
-1915-----	179,038	78,668	241,254	7,611	82,712	24,321	10,341	32,000	102,360	20,967
-1920 1-----	428,107	149,070	346,984	15,930	198,686	88,161	21,379	40,117	294,375	61,893
-1925-----	391,342	167,731	523,904	30,066	162,606	77,517	27,681	46,066	211,729	76,859
-1930-----	363,633	201,668	548,254	31,598	209,103	136,663	11,865	48,914	292,545	93,297
-1935-----	141,711	84,747	256,703	15,581	70,602	52,785	4,288	28,959	113,055	47,588
-1940-----	197,285	111,548	250,814	27,650	113,001	78,792	18,758	41,357	183,157	72,532
-----	150,937	33,933	126,182	4,992	40,755	10,413	3,221	18,145	44,733	8,957
-----	150,479	39,465	166,318	5,019	44,207	10,132	2,581	22,210	57,750	10,998
-----	170,562	46,047	237,308	7,029	48,750	11,744	4,013	25,017	64,865	11,515
-----	159,456	42,786	161,352	5,694	46,460	11,316	4,925	26,172	61,108	14,537
-----	144,982	45,713	189,464	3,355	42,891	13,065	4,775	23,671	60,161	14,172
-----	140,377	56,712	173,179	2,488	55,109	16,553	6,529	26,761	69,794	15,909
-----	172,835	66,722	220,505	3,531	67,279	18,973	6,916	30,586	81,898	17,031
-----	149,161	75,090	218,146	4,310	81,543	20,506	7,665	28,749	96,941	16,815
-----	169,980	82,399	281,458	7,821	103,103	20,405	4,869	32,537	112,641	19,687
-----	193,840	89,383	255,768	12,245	87,676	30,306	8,688	38,631	102,573	26,347
-----	209,373	79,745	230,392	10,148	78,959	31,415	23,565	29,498	117,747	24,956
(6 mos.)-----	91,583	35,976	92,370	2,814	50,015	20,126	7,835	14,018	84,852	14,225
-----	266,662	92,041	252,545	8,373	184,619	41,421	3,990	29,006	222,663	32,575
-----	320,891	116,249	220,229	13,979	212,820	106,612	4,419	27,008	279,143	54,131
-----	399,997	124,258	226,834	14,013	208,340	99,915	69,019	40,301	379,158	57,231
-----	563,073	177,286	467,183	17,704	199,051	96,378	6,524	45,804	297,029	74,896
-----	712,380	274,073	649,253	30,730	237,930	121,436	25,800	64,504	356,220	107,351
-----	423,043	110,283	452,911	18,858	154,169	59,241	45,230	41,491	177,901	63,052
-----	353,282	129,756	417,142	21,160	146,021	70,283	38,506	46,914	205,977	65,442
-----	301,416	171,620	530,540	32,962	178,818	70,316	13,997	45,555	226,590	90,019
-----	411,691	205,974	579,509	41,487	156,256	72,247	26,415	45,739	195,902	81,537
-----	467,279	221,023	639,418	35,862	177,764	115,496	14,259	50,630	252,274	84,247
-----	413,793	238,805	533,825	38,906	191,676	125,668	17,843	50,478	272,375	101,682
-----	370,607	211,684	554,893	35,883	219,904	137,936	17,718	51,585	279,907	91,314
-----	375,837	211,783	682,346	30,801	223,938	144,928	9,002	50,381	328,439	92,099
-----	384,570	208,431	573,567	30,635	239,803	157,380	8,178	52,583	342,646	105,433
-----	273,368	137,640	396,640	21,767	170,193	117,402	6,586	39,542	239,358	75,959
-----	145,626	96,209	262,038	14,948	105,508	61,527	2,729	29,669	144,860	56,832
-----	128,051	66,553	244,463	10,773	62,032	37,627	4,973	21,238	84,755	38,095
-----	126,786	75,447	275,182	10,813	50,825	40,800	5,398	24,929	82,058	40,537
-----	146,156	79,863	252,053	16,276	64,839	48,927	4,406	30,397	124,358	48,407
-----	161,934	105,663	249,779	25,097	69,805	75,043	3,932	38,564	129,243	54,069
-----	167,402	109,814	251,970	24,302	82,568	93,037	5,811	44,301	145,191	70,045
-----	217,480	144,217	274,377	32,653	106,372	95,859	15,757	61,460	190,233	83,545
-----	196,805	104,690	276,268	25,448	90,423	47,535	35,147	34,181	162,812	55,933
-----	181,383	97,758	260,436	27,224	110,058	70,254	17,202	35,854	174,299	70,856
-----	223,354	101,259	191,017	28,625	176,583	87,274	19,875	30,988	243,251	82,283
-----	179,001	141,253	83,119	49,436	234,194	117,720	10,704	32,142	394,496	104,472
-----	263,399	219,545	107,684	73,652	308,934	147,727	11,352	34,657	611,533	155,841
-----	308,206	258,906	180,898	41,142	334,878	294,225	8,629	34,021	629,848	223,487
-----	285,790	294,374	262,985	61,279	299,867	290,951	20,852	62,480	752,753	220,891
-----	395,809	288,005	417,846	50,888	265,046	200,726	9,942	47,701	505,655	302,274
-----	569,070	228,041	727,517	60,294	318,738	153,171	16,112	66,674	480,398	208,631

Period July 1, 1915, to Dec. 31, 1920.

Includes Iowa beginning Sept. 23, 1939; and Omaha beginning Apr. 1, 1945.

**No. 1029.—EXPORTS (INCLUDING REEXPORTS) AND IMPORTS OF MERCHANDISE,  
BY PRINCIPAL CUSTOMS DISTRICTS: 1860 TO 1946—Continued**  
[In thousands of dollars]

YEAR OR YEARLY AVERAGE	SAN FRANCISCO <sup>1</sup>		WASHINGTON		YEAR OR YEARLY AVERAGE	SAN FRANCISCO <sup>1</sup>		WASHINGTON	
	Ex- ports	Im- ports	Ex- ports	Im- ports		Ex- ports	Im- ports	Ex- ports	Im- ports
1860.....	4,868	7,367			1916.....	126,758	117,128	200,449	161,780
1865.....	9,968	15,802	633	12	1917.....	173,136	231,979	196,932	280,078
1870.....	13,992	15,963	428	35	1918.....	214,695	245,519	296,166	300,954
1871-1875.....	19,476	25,459	497	30	1919.....	240,518	238,027	292,274	195,919
1876-1880.....	27,718	29,798	486	33	1920.....	225,828	211,928	192,880	134,079
1881-1885.....	41,740	39,109	1,647	109	1921.....	129,111	97,129	90,327	58,539
1886-1890.....	33,035	44,344	2,708	417	1922.....	145,099	170,815	90,071	218,218
1891-1895.....	32,365	43,537	5,827	1,068	1923.....	160,432	166,685	116,068	262,188
1896-1900.....	36,607	40,443	13,948	6,399	1924.....	173,442	146,335	134,760	270,264
1901-1905.....	37,751	38,188	30,708	9,907	1925.....	163,292	166,537	120,557	261,670
1906-1910.....	32,789	49,226	38,567	23,409	1926.....	186,773	210,139	147,570	261,880
1911-1915.....	60,154	63,780	57,711	30,300	1927.....	174,555	199,999	129,513	239,264
1915-1920.....	186,317	197,613	222,702	206,862	1928.....	201,265	198,275	150,817	229,624
1921-1925.....	158,275	155,800	110,381	214,213	1929.....	206,018	212,678	153,874	216,774
1926-1930.....	163,236	195,331	130,886	212,134	1930.....	147,568	155,564	102,655	113,708
1931-1935.....	95,950	65,233	48,974	35,210	1931.....	112,257	85,776	67,299	55,344
1936-1940.....	120,922	74,696	77,816	36,543	1932.....	82,903	68,228	36,996	35,289
1905.....	40,924	46,678	43,843	7,378	1933.....	84,512	56,514	37,326	28,302
1906.....	39,915	44,423	49,235	13,614	1934.....	91,686	54,976	53,740	23,367
1907.....	33,027	54,095	43,659	23,353	1935.....	108,393	71,609	49,539	33,777
1908.....	28,000	48,261	44,033	22,209	1936.....	98,580	71,066	61,900	37,254
1909.....	31,689	49,998	25,788	26,960	1937.....	137,097	87,761	92,561	39,808
1910.....	31,181	49,351	30,121	28,910	1938.....	135,128	59,014	69,076	26,286
1911.....	40,626	53,885	39,361	36,655	1939.....	120,158	59,563	78,333	34,441
1912.....	49,250	59,235	63,746	39,011	1940.....	113,668	96,539	87,110	41,949
1913.....	66,021	62,502	62,548	51,474	1941.....	145,203	113,218	58,902	56,578
1914.....	63,375	67,111	55,012	55,392	1942.....	303,600	98,074	90,626	56,391
1915.....	81,501	76,068	67,888	68,467	1943.....	677,023	88,038	388,208	71,239
1915 (6 mos.).....	41,807	42,290	46,161	55,933	1944.....	304,256	64,476	310,879	115,073
					1945.....	213,143	56,052	222,427	92,677
					1946.....	297,279	102,374	134,961	65,467

<sup>1</sup> Period July 1, 1915, to Dec. 31, 1920. <sup>2</sup> Utah and Nevada included with San Francisco, effective Feb. 22, 1940.

Source: See general note, p. 899.

**No. 1030.—IMPORTED DUTIABLE MERCHANDISE ENTERED FOR CONSUMPTION—  
VALUES, CALCULATED DUTIES, AND AVERAGE RATE OF DUTY, BY TARIFF SCHED-  
ULES: 1920 TO 1946**

[All figures except percentages in thousands of dollars (for basis of dollar values, see general note, p. 899).  
Includes articles on which countervailing and antidumping duties are assessed. Free list commodities taxable  
under Revenue Acts excluded from various schedules since 1931. Percents represent average ad valorem rate  
or ratio of duties to values of dutiable merchandise]

YEAR	Schedule 1—Chemicals, oils, and paints			Schedule 2—Earths, earthenware, and glassware			Schedule 3—Metals, and manufactures of		
	Values	Duties	Per- cent	Values	Duties	Per- cent	Values	Duties	Per- cent
1920.....	120,320	15,335	12.75	30,257	9,241	30.54	83,337	16,677	20.01
1921.....	64,763	14,144	21.84	28,591	9,864	34.50	62,793	13,672	21.77
1922.....	88,471	22,102	24.98	40,526	14,001	34.56	82,106	20,468	24.93
1923.....	90,123	26,989	29.95	60,182	23,526	39.09	103,307	35,013	33.89
1924.....	77,015	24,492	31.80	54,481	22,099	40.56	96,768	35,240	36.31
1925.....	93,746	27,465	29.30	56,391	24,629	43.50	113,684	38,561	34.37
1926.....	98,328	28,681	29.17	61,689	28,906	47.32	147,010	48,528	32.91
1927.....	98,312	27,997	28.48	58,260	28,217	48.43	126,402	47,179	37.34
1928.....	92,633	28,011	30.24	53,321	25,865	48.51	131,921	46,251	35.06
1929.....	110,462	33,910	30.70	55,304	27,014	48.85	154,022	64,654	42.00
1930.....	73,337	25,859	35.26	41,646	20,534	49.31	97,214	36,367	37.41
1931.....	82,913	20,279	24.46	25,694	13,421	52.23	58,518	23,062	39.41
1932.....	36,437	16,041	44.02	15,285	8,326	54.47	32,810	12,355	37.66
1933.....	42,296	18,286	43.23	10,444	9,012	86.40	45,116	17,081	37.86
1934.....	45,638	17,375	38.24	19,105	10,675	55.81	57,802	20,284	35.09
1935.....	66,105	28,205	42.67	22,853	11,636	50.92	68,013	23,306	34.27
1936.....	69,317	25,349	36.57	28,104	13,620	48.46	94,776	29,496	31.12
1937.....	83,316	29,265	35.13	36,954	18,007	48.89	114,020	37,135	32.57
1938.....	51,958	19,417	37.37	24,693	11,649	47.17	68,172	21,493	31.53
1939.....	56,586	19,634	34.70	25,369	10,794	42.55	89,728	25,749	28.70
1940.....	41,204	12,356	29.99	22,326	8,806	39.45		31,161	30.46
1941.....	48,695	13,291	27.29	25,857	7,742	29.94	128,095	43,455	34.45
1942.....	47,263	10,621	22.50	19,031	4,786	25.15	102,300	28,040	27.41
1943.....	41,480	7,634	18.40	18,390	4,071	22.13	120,064	31,434	26.18
1944.....	54,122	8,037	14.85	10,764	3,103	28.82	117,660	28,919	24.58
1945.....	71,859	10,051	13.99	14,780	3,684	24.92	160,019	28,496	17.81
1946.....	90,198	13,622	15.10	30,941	9,546	30.85	197,984	60,626	30.62



**10.—IMPORTED DUTIABLE MERCHANDISE ENTERED FOR CONSUMPTION—  
8, CALCULATED DUTIES, AND AVERAGE RATE OF DUTY, BY TARIFF SCHED-  
1920 TO 1946—Continued**

[All figures except percentages in thousands of dollars]

YEAR	Values	Duties	Per- cent	Values	Duties	Per- cent	Values	Duties	Per- cent
	Schedule 4.—Wood, and manufactures of			Schedule 5.—Sugar, molasses, and manu- factures of			Schedule 6.—Tobacco, and manufactures of		
.....	12,367	1,979	14.81	926,467	79,536	8.58	63,316	38,686	52.80
.....	9,894	1,546	15.63	233,451	71,325	30.55	66,614	35,960	53.97
.....	13,174	2,373	18.02	232,941	147,969	63.52	62,415	31,799	50.93
.....	18,230	4,001	21.95	353,873	128,064	36.19	64,881	35,331	55.22
.....	18,115	4,161	22.97	337,852	135,906	40.23	67,530	33,941	50.26
.....	18,570	4,164	22.42	221,347	139,103	62.84	69,943	35,428	50.66
.....	18,004	4,307	23.92	205,659	148,591	71.28	70,799	38,076	53.79
.....	19,879	4,535	22.81	222,703	151,199	68.91	68,632	40,016	58.31
.....	16,917	4,191	24.77	174,760	118,572	67.85	62,319	39,315	63.09
.....	17,411	4,301	24.70	156,232	131,180	83.97	60,116	39,103	65.05
.....	17,140	3,557	20.75	116,644	116,809	99.97	56,162	40,141	71.49
.....	12,749	2,369	18.74	74,819	99,631	133.16	43,201	32,810	74.79
.....	7,128	1,655	23.22	46,762	76,061	166.21	27,314	22,461	82.31
.....	14,191	3,026	21.32	44,540	67,406	151.34	24,764	21,542	87.02
.....	9,904	2,270	22.92	64,945	43,706	67.30	25,235	22,486	89.11
.....	12,657	2,923	23.09	94,953	39,965	42.11	25,974	21,958	84.54
.....	16,975	2,782	16.39	113,423	40,578	35.78	29,931	25,231	84.30
.....	19,861	3,188	16.05	126,646	45,371	35.83	31,776	24,213	76.29
.....	18,803	2,156	11.97	95,486	45,506	47.66	35,803	24,406	68.17
.....	17,002	2,006	12.33	90,543	46,218	51.05	35,999	23,927	66.47
.....	17,461	1,723	9.87	87,780	42,826	48.79	36,685	22,173	60.44
.....	26,039	2,536	7.04	145,376	62,586	43.74	38,026	23,017	60.53
.....	46,185	2,413	5.22	134,811	36,056	26.75	37,779	22,505	59.57
.....	27,852	1,642	5.90	194,349	55,739	28.68	43,209	23,044	53.33
.....	27,299	2,297	8.16	161,071	29,096	18.06	65,930	24,862	37.74
.....	44,563	2,867	6.43	35,418	10,430	29.45	82,278	26,253	32.34
.....	54,610	4,191	7.67	42,524	10,167	23.91	89,337	24,916	27.89
	Schedule 7.—Agricul- tural products and provisions			Schedule 8.—Spirits, wines, and other bev- erages			Schedule 9.—Cotton manufactures		
.....	263,569	24,521	9.70	2,548	1,167	45.52	39,275	21,185	53.74
.....	166,497	26,206	15.75	3,197	1,515	47.37	58,414	16,242	26.09
.....	199,479	42,805	21.31	2,657	1,111	41.83	73,335	20,017	27.34
.....	236,978	61,578	25.98	1,371	613	44.67	66,207	21,946	33.16
.....	235,198	60,093	25.55	1,065	431	40.47	59,961	16,082	26.81
.....	259,917	60,568	23.30	1,161	492	42.34	49,999	15,347	30.69
.....	270,063	64,373	23.84	1,150	460	39.13	39,842	12,656	31.79
.....	284,253	64,072	22.54	1,350	465	34.44	40,461	14,561	35.99
.....	282,375	64,140	22.71	1,346	483	35.86	42,456	15,681	36.93
.....	297,161	68,055	22.90	1,571	544	34.63	42,855	15,627	36.46
.....	213,035	59,595	27.97	1,363	430	31.55	33,282	13,457	40.43
.....	134,337	56,613	42.14	1,273	376	29.54	28,653	13,595	47.45
.....	90,666	43,418	47.89	1,149	376	32.78	19,249	9,168	47.63
.....	103,941	46,189	44.44	9,179	7,414	80.77	22,660	10,845	47.86
.....	138,787	53,209	38.38	50,202	42,471	84.60	23,992	10,814	45.26
.....	219,133	87,559	39.96	42,364	39,325	92.79	27,136	10,862	39.99
.....	247,153	90,559	36.64	77,169	43,954	56.96	35,067	14,006	39.92
.....	310,156	106,775	34.43	74,973	46,093	61.48	44,062	17,155	38.94
.....	147,857	51,058	34.53	59,460	34,418	58.02	24,268	9,439	38.86
.....	173,806	56,419	32.46	59,076	34,206	57.90	27,264	9,841	36.07
.....	147,228	46,083	31.30	53,809	32,753	60.87	20,106	7,060	35.06
.....	172,113	56,818	32.82	49,635	30,186	60.82	15,003	5,002	33.34
.....	178,729	41,366	23.15	56,695	28,811	50.82	8,270	2,546	30.81
.....	248,557	40,526	16.30	83,094	61,563	74.09	8,946	2,707	30.26
.....	266,284	37,564	14.11	115,304	85,671	74.30	6,799	1,900	28.32
.....	314,005	42,642	13.55	67,923	45,340	66.75	26,066	4,638	17.39
.....	354,680	43,405	12.24	96,150	50,530	52.10	23,451	5,458	23.25

**No. 1080.—IMPORTED DUTIABLE MERCHANDISE ENTERED FOR CONSUMPTION—  
VALUES, CALCULATED DUTIES, AND AVERAGE RATE OF DUTY, BY TARIFF SCHED-  
ULES: 1920 TO 1946—Continued**

[All figures except percentages in thousands of dollars]

YEAR	Values	Duties	Per- cent	Values	Duties	Per- cent	Values	Duties	Per- cent	Values	Duties	Per- cent
	Schedule 10.—Flax, hemp, and jute, and manufactures of			Schedule 11.—Wool, and manufactures of			Schedule 12.—Silks and manufactures of <sup>1</sup>			Schedule 13.—Rayon and other synthetic textiles and manu- factures of		
1920	52,926	13,362	25.25	49,800	16,720	33.57	55,793	21,773	39.02			
1921	34,828	10,118	27.47	52,410	18,307	34.93	45,055	18,576	41.23			
1922	63,505	15,999	25.19	79,958	48,225	60.31	38,653	18,622	48.16			
1923	121,126	24,632	20.34	162,016	91,466	56.45	40,794	21,692	53.18			
1924	117,219	29,121	22.28	123,904	62,582	50.51	33,234	17,629	53.05			
1925	143,723	25,684	17.87	162,458	71,019	43.71	40,804	21,398	52.44			
1926	145,168	26,737	18.42	148,167	73,965	49.91	44,136	24,074	54.54			
1927	126,524	26,525	20.96	127,707	67,219	52.64	51,293	28,815	56.18			
1928	134,769	25,068	18.48	115,181	57,172	49.64	48,739	27,810	57.06			
1929	129,409	24,600	19.01	121,636	61,815	50.82	47,156	27,349	58.00			
1930	95,570	20,571	21.52	70,357	40,877	58.10	20,620	11,854	57.49	2,453	1,564	63.76
1931	57,780	15,927	27.56	32,339	24,463	75.71	13,531	7,950	58.75	2,718	2,363	86.94
1932	37,473	11,652	31.09	15,771	13,270	84.14	4,696	2,774	59.05	2,049	1,247	60.86
1933	47,129	12,959	27.50	22,660	20,539	90.64	5,362	2,909	54.27	3,006	1,680	55.85
1934	53,547	13,371	24.78	21,648	17,187	79.39	4,624	2,586	55.93	1,096	794	72.45
1935	42,430	15,063	35.50	28,857	23,510	81.47	6,039	3,557	58.90	1,780	831	46.68
1936	48,147	16,819	34.73	59,398	44,687	75.23	6,833	3,810	55.76	5,309	2,197	41.38
1937	77,656	19,029	24.50	82,560	51,617	62.52	8,736	4,756	54.44	7,499	2,240	29.86
1938	49,492	12,092	24.43	27,418	18,531	67.59	6,185	3,327	53.79	6,041	2,274	37.64
1939	54,765	10,829	19.77	49,271	33,624	68.24	5,286	2,776	52.52	10,210	3,090	30.28
1940	68,033	10,255	15.07	77,829	51,601	66.30	4,074	2,148	52.72	3,896	1,260	32.32
1941	99,846	9,536	9.55	185,072	123,118	66.51	2,829	1,457	51.50	2,580	753	29.19
1942	52,309	6,639	12.69	178,771	112,973	63.19	855	411	48.07	203	81	40.10
1943	40,635	4,857	11.95	218,318	134,360	61.54	438	209	47.72	219	113	51.60
1944	10,047	2,352	23.41	179,016	114,379	63.89	598	307	51.34	362	198	54.70
1945	17,863	3,982	22.29	229,513	144,039	62.76	1,928	927	48.06	2,529	1,322	52.31
1946	106,202	15,394	14.50	276,042	167,769	60.77	5,169	2,459	47.60	15,819	5,341	33.76
				Schedule 14.—Pulp, paper, and books			Schedule 15.—Sundries			Free-list commodities taxable under Revenue Act of 1932 and subse- quent acts, <sup>2</sup> dutiable under section 406, Tariff Act of 1930, etc.		
1920				10,488	1,749	16.68	223,908	68,704	30.71	19	9	47.37
1921				8,902	1,672	18.78	165,192	54,282	32.83	3	1	33.33
1922				12,806	2,776	21.67	197,513	65,370	33.09	50	25	50.00
1923				19,217	4,667	24.29	226,319	86,647	38.29	388	194	50.00
1924				18,729	4,813	25.70	215,846	86,095	40.17	626	313	50.00
1925				18,682	4,416	23.60	217,279	83,288	38.33	443	221	50.00
1926				21,463	5,241	24.42	229,078	80,448	35.12	346	173	50.00
1927				22,138	5,417	24.47	226,711	88,421	39.00	406	203	50.00
1928				25,919	7,881	30.42	215,316	81,640	37.92	341	170	50.00
1929				24,089	6,099	25.32	240,657	90,323	37.53	373	186	50.00
1930				19,428	5,024	25.86	174,340	65,170	37.38	173	86	49.71
1931				12,927	3,361	25.99	143,947	54,846	38.10	363	165	45.45
1932				8,187	2,183	26.66	80,757	33,453	41.42	14,623	5,098	34.86
1933				8,497	2,221	26.14	92,172	32,338	35.06	27,518	10,191	37.02
1934				9,482	2,346	24.74	85,185	31,647	37.15	33,862	9,987	29.49
1935				11,118	2,697	24.26	111,030	36,172	32.58	32,011	10,008	31.26
1936				13,201	3,029	22.95	136,546	41,545	30.43	37,049	10,396	28.06
1937				15,113	3,324	21.99	169,064	49,246	29.13	41,153	12,023	29.24
1938				11,970	2,531	21.14	110,444	33,959	30.75	33,285	9,636	28.95
1939				11,461	2,152	18.78	133,270	35,245	26.45	38,394	11,753	30.61
1940				7,560	1,273	16.93	114,957	29,558	25.71	86,682	17,235	19.91
1941				13,641	2,791	20.46	132,757	25,438	19.16	128,091	29,901	23.31
1942				9,534	1,643	17.23	96,819	13,411	13.85	40,185	6,183	15.39
1943				7,432	1,029	13.85	115,815	17,457	15.07	38,505	5,163	13.41
1944				7,711	1,038	13.46	118,006	21,069	17.85	73,677	7,502	10.19
1945				8,773	1,289	14.58	170,234	33,006	19.39	112,430	11,347	10.09
1946				15,092	1,980	12.99	334,444	60,854	18.20	156,906	16,626	10.59

<sup>1</sup> Schedules 12 and 13 prior to 1930.

<sup>2</sup> Taxes collected on dutiable commodities under revenue acts and Sugar Act of 1937 are included in appropriate schedules.

Sources: Department of Commerce, Bureau of Foreign and Domestic Commerce through 1934; thereafter, Treasury Department, Bureau of Customs, Annual Report of the Secretary.



### 681.—IMPORTS ENTERED FOR CONSUMPTION AND DUTIES THEREON: 1821 to 1945

*s of dollar values, see general note, p. 899. From 1821 to 1865, inclusive, figures of import values represent imports less reexports, and for 1867 and later years imports entered for consumption. \*Ratio of duties to is based upon values of imports shown in table. Figures cover fiscal years ending Sept. 30, 1821 to 1842, and 30, 1843 to 1915, calendar years thereafter]*

AVERAGE YEAR	VALUES				Duties calculated	RATIO OF DUTIES TO TOTAL		Amount duties per capita
	Total	Free	Dutiable	Percent free		Free and dutiable	Dutiable	
	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	Percent	Percent	Dollars
.....	56,749	2,325	53,424	5.86	26,282	46.31	49.20	2.32
.....	104,139	39,880	64,459	38.10	24,809	23.53	38.02	1.53
.....	110,551	20,347	90,214	18.40	26,738	24.18	29.54	1.82
.....	267,871	40,085	227,186	15.19	54,511	20.35	23.99	1.99
.....	237,826	45,110	192,716	18.97	65,275	27.45	33.87	1.95
.....	393,447	26,242	367,205	5.67	174,309	44.43	47.51	4.75
.....	553,234	112,458	440,775	19.97	183,014	32.49	40.60	4.40
.....	482,071	154,601	327,670	32.06	143,388	29.74	43.77	3.03
.....	553,128	204,673	458,455	30.86	197,801	29.53	43.15	3.70
.....	702,234	237,299	464,935	33.80	212,358	30.38	45.89	3.56
.....	768,756	401,931	366,835	52.29	173,832	22.51	47.39	2.82
.....	730,411	341,783	388,658	48.79	181,328	24.83	45.65	2.49
.....	956,891	423,830	533,061	44.81	256,469	26.80	48.57	3.15
.....	1,328,137	615,416	712,721	46.34	305,440	23.00	42.86	3.41
.....	1,698,028	966,141	731,887	56.89	283,408	16.69	38.72	2.91
.....	3,289,748	2,262,412	1,027,336	68.77	227,035	6.90	22.10	2.17
.....	3,422,746	2,088,932	1,333,816	61.03	478,911	13.99	35.60	4.22
.....	4,020,350	2,645,610	1,374,740	66.81	560,743	13.70	40.06	4.52
.....	1,704,294	1,075,583	628,709	63.11	214,477	18.45	50.02	2.46
.....	2,440,042	1,475,825	964,217	60.48	355,151	14.96	37.87	2.76
.....	1,087,118	517,073	570,045	47.66	256,426	23.77	45.33	3.05
.....	1,213,417	548,695	664,722	45.22	293,910	24.22	44.22	3.40
.....	1,415,402	641,953	773,449	46.35	329,480	23.28	42.80	3.75
.....	1,183,120	525,704	657,416	44.43	282,582	23.88	42.96	3.18
.....	1,281,641	599,375	682,265	46.77	294,667	22.99	43.19	3.23
.....	1,547,109	761,353	785,756	49.21	326,561	21.11	41.86	3.53
.....	1,527,945	776,984	750,961	50.85	309,965	20.29	41.27	3.28
.....	1,640,722	881,513	759,209	53.78	304,899	18.56	40.16	3.18
.....	1,766,689	986,972	779,717	55.87	312,509	17.69	40.08	3.21
.....	1,996,400	1,152,392	754,006	60.45	283,719	14.68	37.63	2.87
.....	1,648,386	1,032,863	615,523	62.66	206,946	12.49	33.46	2.06
.....	934,675	631,384	303,291	67.56	98,858	10.26	31.61	1.95
.....	2,358,612	1,614,842	743,770	68.47	214,214	9.08	28.80	2.11
.....	2,919,291	2,140,947	778,344	73.34	204,585	7.01	26.28	1.99
.....	2,951,531	2,228,675	722,856	75.51	170,934	5.79	23.65	1.64
.....	3,827,683	2,711,462	1,116,221	70.84	237,456	6.20	21.27	2.24
.....	5,101,823	3,116,958	1,985,865	61.08	325,646	6.38	16.40	3.03
.....	2,556,869	1,564,278	992,591	61.18	292,397	11.44	29.46	2.65
.....	3,073,773	1,883,240	1,185,533	61.43	451,356	14.68	38.07	4.05
.....	2,731,769	2,165,148	1,566,621	58.02	566,664	15.18	36.17	5.00
.....	3,575,111	2,118,168	1,456,943	59.25	532,286	14.89	36.53	4.63
.....	4,176,218	2,708,828	1,467,391	64.87	551,553	13.21	37.61	4.73
.....	4,408,076	2,908,107	1,499,969	65.97	590,045	13.39	39.34	4.98
.....	4,163,090	2,680,059	1,483,031	64.38	574,839	13.81	38.76	4.79
.....	4,077,937	2,578,633	1,399,304	63.68	542,270	13.30	38.76	4.45
.....	4,338,572	2,880,128	1,458,444	66.38	584,771	13.48	40.10	4.74
.....	3,114,676	2,081,123	1,032,954	66.83	461,790	14.83	44.71	3.69
.....	2,088,455	1,391,693	696,762	66.64	370,771	17.75	53.21	2.94
.....	1,325,693	865,530	439,557	66.81	259,600	19.59	59.06	2.05
.....	1,433,013	903,547	529,466	63.05	283,681	19.80	53.58	2.22
.....	1,636,003	991,161	644,842	59.58	301,168	18.41	46.70	2.34
.....	2,038,905	1,305,987	732,918	59.15	357,163	17.52	42.86	2.76
.....	2,423,977	1,384,937	1,039,040	57.15	408,127	16.84	39.28	3.13
.....	3,009,852	1,765,248	1,244,605	58.65	470,509	15.63	37.80	3.59
.....	1,949,624	1,182,696	766,929	60.66	301,375	15.46	39.30	2.28
.....	2,276,099	1,397,280	878,819	61.39	328,034	14.41	37.33	2.46
.....	2,540,056	1,648,965	891,091	64.60	317,711	12.51	35.63	2.36
.....	3,221,954	2,030,919	1,191,035	63.03	437,750	13.59	36.75	3.23
.....	2,799,285	1,767,592	1,001,693	63.83	320,117	11.56	31.96	2.33
.....	3,389,951	2,192,702	1,197,249	64.66	392,368	11.57	32.77	2.82
.....	3,877,895	2,708,391	1,169,504	69.84	367,286	9.47	31.41	2.61
.....	4,066,617	2,737,261	1,348,756	66.99	380,827	9.32	29.24	2.66

July 1, 1915, to Dec. 31, 1920. \* Based on estimated population including armed forces overseas.

See general note, p. 899.

# No. 1032.—IMPORTS OF MERCHANDISE, FREE AND DUTIABLE, AND PERCENT FREE, BY ECONOMIC CLASSES: 1821 TO 1946

[In thousands of dollars. For basis of dollar values, see general note, p. 809. Figures cover fiscal years ending Sept. 30, 1821 to 1840, and June 30, 1850 to 1915; calendar years thereafter, except as noted. Data are "general imports" through 1933; "imports for consumption" beginning 1934. Percentage free in general imports is normally slightly lower than in imports for consumption because relatively more of dutiable general imports are reported as reexported than of free general imports. Moreover, in the period 1922-1933, there is an understatement of free goods in general imports because, for 1922 to 1933, carpet wool used for making carpets and, for 1922 to 1928, wheat imported for milling in bond for exports were reported as dutiable when entered, although no duty was ultimately paid on these products. For adjusted figures see table 492 of 1935 issue of Statistical Abstract]

YEAR OR YEARLY AVERAGE	TOTAL			CRUDE MATERIALS			CRUDE FOODSTUFFS AND FOOD ANIMALS		
	Free	Dutiable	Percent free	Free	Dutiable	Percent free	Free	Dutiable	Percent free
1821	2,018	52,504	3.7	1,476	1,068	58.1	8,082	.....	.....
1830	4,590	58,131	7.3	3,348	1,450	69.8	7,382	.....	.....
1840	48,314	49,946	49.2	9,780	2,300	80.8	15,214	60	98.6
1850	18,082	155,428	10.4	602	11,954	4.8	15,803	2,203	87.7
1851-1860	44,730	239,745	15.7	6,435	20,938	23.6	30,165	3,121	90.6
1861-1865	48,948	206,491	19.2	10,759	25,305	29.8	17,365	19,140	47.8
1866-1870	27,828	380,467	6.8	9,910	37,904	20.7	4,443	49,575	8.2
1871-1875	105,286	472,587	18.2	48,082	45,100	51.6	43,026	36,576	53.2
1876-1880	154,683	337,887	31.4	60,902	30,460	66.7	74,806	14,654	83.6
1881-1885	204,735	462,407	30.7	91,384	41,884	68.6	76,513	22,864	77.0
1886-1890	242,621	474,710	33.8	104,961	57,475	64.6	90,035	23,095	79.6
1891-1895	402,363	382,774	51.2	143,613	41,610	77.5	124,808	21,702	85.2
1896-1900	342,125	399,394	46.1	177,649	40,668	81.3	68,350	23,484	79.0
1901-1905	426,836	545,326	43.9	243,319	81,189	75.0	98,921	26,723	78.7
1906-1910	614,825	730,013	45.7	348,061	116,749	74.9	120,233	27,473	81.4
1911-1915	961,439	750,880	56.1	491,948	105,753	82.3	181,170	37,865	82.7
1915-1920	2,258,608	1,099,747	67.3	1,195,593	152,074	88.7	349,926	58,228	86.7
1921-1925	2,050,303	1,389,800	59.7	1,036,581	253,794	80.3	302,242	80,297	79.0
1926-1930	2,597,197	1,436,271	64.4	1,228,971	255,162	82.8	407,540	99,075	80.4
1931-1935	1,067,145	640,430	62.4	380,639	111,703	77.4	220,717	44,532	83.2
1936-1940	1,475,825	964,217	60.5	627,289	179,946	77.7	238,355	81,347	74.6
1910-1914 <sup>1</sup>	905,796	783,078	53.6	477,331	117,626	80.2	164,554	38,661	81.0
1915-1919 <sup>2</sup>	1,744,767	769,789	69.4	925,417	113,949	89.0	263,025	49,038	84.3
1906	549,624	676,938	44.6	312,290	111,499	73.7	114,305	20,010	85.1
1907	644,030	790,391	44.9	365,164	121,554	75.1	125,047	24,701	83.5
1908	525,803	668,739	44.0	282,943	90,946	75.7	116,510	29,068	80.0
1909	599,557	712,363	45.7	334,957	125,944	72.7	131,621	32,490	80.2
1910	755,311	801,636	48.5	443,951	133,792	76.8	113,681	31,095	78.5
1911	776,972	750,254	50.9	409,671	115,145	78.1	147,262	33,932	81.3
1912	881,671	771,594	53.3	453,931	119,117	79.2	160,127	50,231	78.2
1913	967,624	825,484	54.5	519,103	130,334	79.9	179,829	31,917	84.9
1914	1,127,503	766,423	59.5	560,000	89,740	86.2	201,868	46,080	81.4
1915	1,033,527	640,643	61.7	517,034	74,428	87.4	190,763	27,167	87.9
1915 (6 mos.)	628,837	283,950	68.9	332,106	44,340	87.6	113,550	18,849	87.1
1916	1,611,867	779,748	67.4	922,045	107,312	89.6	216,570	43,662	83.3
1917	2,135,552	816,916	72.3	1,199,041	117,038	90.9	316,965	68,759	82.3
1918	2,230,353	800,880	73.6	1,092,937	140,860	88.6	283,335	62,119	83.0
1919	2,698,703	1,205,662	69.1	1,508,164	192,894	88.7	480,656	64,444	88.2
1920	3,117,010	2,161,471	59.1	1,551,570	231,964	87.0	513,117	64,510	88.9
1921	1,562,292	946,856	62.3	750,640	108,219	87.4	253,703	46,477	84.5
1922 <sup>4</sup>	1,871,917	1,240,830	60.1	963,150	218,744	81.6	249,600	80,209	75.7
1923 <sup>4</sup>	2,135,942	1,656,124	56.3	1,091,393	315,404	77.6	279,222	83,810	76.9
1924 <sup>4</sup>	2,080,096	1,529,867	57.6	977,635	280,621	77.7	335,741	89,132	79.0
1925 <sup>4</sup>	2,651,266	1,576,323	62.7	1,400,063	347,982	80.1	392,942	101,858	79.4
1926 <sup>4</sup>	2,853,411	1,577,477	64.4	1,483,772	308,629	82.8	438,594	101,234	81.2
1927 <sup>4</sup>	2,621,873	1,562,869	62.7	1,315,237	285,572	82.2	392,971	111,715	77.9
1928 <sup>4</sup>	2,616,239	1,475,205	63.9	1,222,411	244,323	83.3	431,587	118,305	78.5
1929 <sup>4</sup>	2,843,354	1,556,007	64.6	1,389,317	269,303	83.0	443,372	95,166	82.4
1930 <sup>4</sup>	2,051,110	1,009,798	67.0	834,120	168,041	83.2	331,179	68,946	82.8
1931 <sup>4</sup>	1,381,435	709,199	66.1	524,541	117,632	81.7	269,124	35,704	88.3
1932 <sup>4</sup>	879,043	443,731	66.6	286,731	71,594	80.0	207,438	25,526	88.0
1933 <sup>4</sup>	878,100	571,469	60.6	298,250	119,900	71.3	190,199	25,500	88.9
1934	991,161	644,842	60.6	345,395	115,222	75.0	209,404	44,910	82.3
1935	1,203,967	832,918	59.2	448,276	134,167	76.9	227,422	94,905	70.6
1936	1,384,937	1,039,040	57.1	560,439	172,527	76.5	235,550	113,131	67.6
1937	1,765,248	1,244,603	59.7	752,837	218,424	77.5	274,873	138,438	66.6
1938	1,182,696	766,929	60.7	446,428	130,021	77.4	219,434	40,682	84.4
1939	1,397,280	878,819	61.4	581,910	162,960	78.1	235,480	55,350	81.0
1940	1,648,965	891,691	64.9	795,032	215,810	78.7	226,439	58,637	79.4
1941	2,030,919	1,191,035	63.0	998,216	378,224	72.5	299,095	77,084	79.5
1942	1,767,592	1,001,693	63.8	720,285	329,397	68.6	276,127	72,430	79.2
1943	2,192,702	1,197,249	64.7	983,686	343,550	68.9	437,939	146,268	75.0
1944	2,708,391	1,169,594	69.8	717,815	350,763	67.2	688,129	183,219	78.9
1945	2,737,261	1,348,756	67.0	733,735	437,262	62.7	601,485	191,751	72.3
1946	2,897,609	1,894,441	60.5	1,135,278	664,902	66.8	652,281	162,031	80.1

For footnotes, see next page.

1022.—IMPORTS OF MERCHANDISE, FREE AND DUTIABLE, AND PERCENT FREE, BY ECONOMIC CLASSES: 1821 TO 1946—Continued

[In thousands of dollars]

TRADE CLASS	MANUFACTURED FOODSTUFFS <sup>1</sup>			SEMI-MANUFACTURES			FINISHED MANUFACTURES		
	Free	Dutiable	Percent free	Free	Dutiable	Percent free	Free	Dutiable	Percent free
		10,821		488	3,591	12.0	55	30,944	0.2
		9,554		1,211	3,942	28.5	■	35,703	.1
	1,021	14,168	6.7	4,062	6,394	43.7	17,237	26,963	39.1
		21,465		764	25,309	2.9	911	94,401	1.0
	2,426	41,477	5.5	2,419	32,140	9.5	■	142,087	1.6
	4,671	39,942	10.5	7,980	26,764	23.0	8,173	95,341	7.9
	1,847	■	2.3	6,722	49,910	11.9	4,906	163,543	2.9
	371	115,589	.3	6,265	72,105	8.0	5,552	203,216	2.7
	3,344	102,521	3.1	9,114	52,204	14.9	■	137,957	4.6
	9,240	118,493	7.2	15,209	76,416	15.6	12,389	202,751	5.8
	13,664	104,560	11.6	19,175	93,870	17.0	14,686	195,709	7.0
	22,078	48,649	65.4	25,614	87,219	22.7	16,251	183,594	8.1
	18,950	99,173	16.0	34,565	64,440	■	22,602	171,429	11.6
	3,189	117,029	2.7	59,943	101,866	37.0	21,465	218,518	8.9
	5,496	183,160	3.5	102,196	137,379	42.7	38,833	■	11.6
	35,626	189,517	11.9	167,863	129,612	55.4	94,832	268,131	24.8
	73,142	471,407	13.4	424,243	150,177	73.9	215,704	267,862	44.6
	86,820	391,469	12.6	411,802	197,423	67.6	253,058	466,817	■
	73,706	324,608	18.6	543,245	218,789	71.3	343,735	538,650	29.0
	72,466	164,332	30.6	218,078	101,523	68.2	175,245	218,340	44.5
	73,466	272,056	21.3	337,516	173,424	65.1	199,199	257,532	43.6
	17,290	177,022	8.9	160,166	146,902	52.2	86,455	302,877	22.2
	59,184	296,122	16.7	340,677	102,970	76.8	156,464	207,716	43.0
	3,349	137,009	2.4	91,172	129,126	41.4	28,808	279,294	9.3
	4,106	154,551	2.6	116,722	157,374	42.6	21,992	332,201	8.8
	5,469	141,540	3.7	84,721	111,528	43.2	23,961	295,657	■
	5,177	160,524	3.1	95,079	127,023	42.8	32,723	260,384	10.9
	9,391	172,176	5.2	123,296	161,843	43.2	64,693	302,730	17.7
	12,389	159,668	7.2	142,773	145,013	49.6	64,928	296,495	18.0
	16,629	179,471	8.5	153,258	140,461	52.2	77,725	262,294	21.6
	10,689	183,354	5.8	180,580	168,822	51.7	97,122	311,057	23.6
	37,202	190,443	18.3	200,925	118,350	62.9	127,508	321,810	28.4
	51,073	234,652	17.9	161,781	75,396	68.2	106,876	229,001	31.8
	20,082	93,359	17.7	103,717	40,035	72.2	59,383	87,367	40.5
	37,401	301,308	11.0	299,205	118,595	71.6	■	206,872	39.5
	59,258	292,298	16.9	422,021	114,642	78.6	168,270	224,178	42.9
	91,724	306,546	23.1	561,448	89,137	86.4	200,809	204,099	49.6
	69,504	498,304	12.5	399,579	209,418	65.8	240,601	■	48.8
	124,314	1,113,825	10.0	547,308	255,149	68.2	380,702	496,023	43.4
	53,604	314,707	14.6	236,458	125,289	65.4	267,687	352,164	43.2
	43,115	344,304	11.1	370,871	181,806	67.1	245,181	417,767	37.0
	52,164	478,044	9.8	471,775	248,954	65.8	241,398	629,912	31.3
	62,044	459,555	11.9	462,896	192,989	70.6	241,778	507,568	32.3
	72,171	360,735	16.7	517,010	238,075	66.6	269,060	526,673	33.8
	67,192	369,625	13.7	568,379	235,954	70.7	305,481	371,147	34.8
	75,698	375,151	16.8	527,187	222,614	70.3	310,780	567,817	35.4
	75,115	330,699	18.5	641,456	221,375	71.0	345,671	560,502	38.1
	82,375	341,247	19.4	630,586	254,465	71.2	397,704	595,804	40.0
	78,153	215,295	26.6	448,618	159,536	72.8	359,041	297,981	47.4
	64,109	158,207	26.8	267,649	104,394	71.9	256,012	293,263	46.6
	66,640	107,287	38.3	147,963	69,004	68.2	170,271	170,320	50.0
	78,492	122,991	39.0	177,969	114,016	61.0	133,170	189,061	41.3
	78,798	184,754	29.9	212,145	95,157	69.0	145,424	204,799	41.5
	74,296	244,533	23.3	284,644	125,046	69.4	171,349	234,268	42.2
	79,176	307,063	20.5	322,641	167,597	65.8	187,132	278,721	40.2
	91,630	348,425	20.8	431,838	292,236	63.1	214,169	337,061	38.9
	65,195	245,343	21.0	296,422	118,542	69.2	185,215	232,340	44.4
	65,768	246,568	21.3	306,571	180,195	63.0	206,551	233,746	46.9
	64,561	212,883	23.3	360,007	198,598	64.4	202,926	205,773	49.7
	89,262	262,796	18.4	455,542	268,684	62.9	218,804	204,247	51.7
	36,471	248,035	9.6	446,715	192,791	69.9	297,994	159,020	65.2
	69,647	351,510	16.5	497,648	179,858	73.4	503,782	166,043	75.2
	240,845	280,134	46.2	515,095	191,141	72.9	576,507	164,248	77.8
	253,324	206,320	54.9	666,876	261,415	71.8	581,841	259,009	69.9
	220,132	282,562	43.8	487,590	442,437	52.4	402,477	442,509	47.6

See general note, p. 899. <sup>1</sup> Period July 1, 1915, to Dec. 31, 1920. <sup>2</sup> Fiscal years. See note 2, table 1022. <sup>3</sup> Revised.

Note regarding understatement of value of free goods.

## No. 1088.—IMPORTS FOR CONSUMPTION, FREE AND DUTIABLE, AND DUTIES COLLECTED, BY PRINCIPAL COUNTRIES: 1944 AND 1945

## Principal Countries: 1944 and 1945

[Figures except percentages in thousands of dollars]

COUNTRY	VALUE OF IMPORTS						Duties collected on dutiable and taxable articles	
	1944			1945			1944	1945
	Free	Dutiable	Percent free	Free	Dutiable	Percent free		
Grand total.....	2,708,391	1,169,584	69.8	2,737,261	1,345,756	67.9	368,234	382,712
Northern North America.....	975,882	301,435	76.4	830,679	317,277	72.4	41,196	47,677
Canada.....	959,479	297,808	76.3	810,643	313,034	72.1	40,865	47,192
Newfoundland and Labrador.....	12,190	2,252	84.4	14,871	2,733	84.6	213	290
Other <sup>1</sup> .....	4,213	1,375	76.4	5,265	1,510	77.7	120	191
Southern North America.....	452,733	264,285	64.6	523,101	221,781	70.2	96,786	61,771
Mexico.....	126,711	75,829	62.6	125,009	105,644	54.2	18,731	21,756
Central American countries.....	67,444	3,265	94.6	71,251	1,968	97.3	416	210
Cuba.....	205,907	172,689	54.4	231,636	98,788	70.1	—	35,809
Other West Indies and Bermudas.....	92,671	12,433	88.2	95,205	15,332	86.1	6,343	2,966
South America.....	671,632	240,214	73.7	651,971	285,493	69.5	78,110	84,677
Argentina.....	80,951	91,055	47.1	77,872	77,432	50.1	39,665	31,241
Bolivia.....	38,848	77	99.8	32,814	511	98.5	19	227
Brazil.....	253,777	39,249	86.6	257,187	50,556	83.6	—	7,303
Chile.....	142,827	7,995	94.7	124,165	9,486	92.9	4,445	4,633
Colombia.....	95,829	9,069	91.3	92,760	10,108	90.2	856	301
Ecuador.....	9,065	6,150	59.6	7,497	6,309	54.3	582	680
Peru.....	24,598	4,902	83.4	24,873	7,005	76.6	1,963	2,435
Uruguay.....	9,491	35,337	21.2	15,366	46,173	—	21,521	29,302
Venezuela.....	13,653	41,070	24.9	15,254	69,075	18.1	4,161	8,947
Other.....	2,994	6,381	35.7	4,244	8,236	34.0	620	696
Europe.....	102,129	175,994	36.7	165,693	236,696	41.2	68,544	72,989
Belgium.....	28	150	15.7	865	14,781	6.8	16	1,511
Czecho-Slovakia <sup>2</sup> .....	(1)	3	10.1	5	247	1.9	1	52
Denmark.....	1	4	11.5	66	187	26.0	1	67
Finland.....	2	—	100.0	3	2	61.5	—	1
France.....	389	119	76.6	7,190	4,989	59.0	41	1,290
Germany <sup>3</sup> .....	41	86	53.2	1,020	290	80.9	11	68
Greece.....	—	1,633	—	254	1,287	16.5	980	686
Italy.....	3,081	57	98.2	4,886	478	91.1	16	77
Netherlands.....	103	21	83.1	494	4,346	9.3	8	379
Norway.....	2,129	—	100.0	617	741	41.1	—	105
Poland and Danzig <sup>2</sup> .....	4	—	100.0	1	(1)	93.7	—	—
Spain.....	3,826	37,483	9.3	8,720	48,423	15.3	—	11,464
Sweden.....	437	210	67.5	43,418	2,782	94.0	45	584
Switzerland.....	1,899	56,306	3.3	1,808	80,489	2.2	29,208	29,983
United Kingdom.....	38,194	50,159	43.2	34,655	56,006	38.2	20,006	20,929
U. S. S. R. (Russia) <sup>4</sup> .....	44,231	3,012	93.6	51,630	4,711	91.6	902	1,161
Other.....	7,756	20,800	22.4	10,262	16,488	38.4	14,372	5,566
Asia.....	213,347	77,379	75.1	265,293	122,860	68.3	21,649	29,199
British India and Burma.....	121,768	24,867	83.0	137,006	35,671	79.4	4,231	5,236
British Malaya.....	(2)	—	100.0	5,724	—	100.0	—	—
Ceylon.....	64,768	287	99.6	66,143	652	99.0	40	66
China.....	10,916	573	95.0	5,721	279	95.3	238	64
Netherlands Indies.....	11	3,427	3	209	2,714	7.2	2,779	2,113
Hong Kong.....	2	5	11.5	(1)	—	100.0	1	—
Japan.....	(3)	78	3	1	134	4	24	17
Philippine Islands.....	(3)	(1)	79.1	791	(3)	100.0	—	—
Turkey.....	7,162	31,302	18.6	5,281	49,073	9.7	11,067	14,363
Other.....	28,720	16,840	63.0	44,325	34,336	56.3	4,669	7,329
Oceania.....	53,801	80,438	40.1	59,027	113,688	30.6	47,395	69,679
Australia.....	29,769	71,483	29.4	24,755	96,191	20.5	42,999	59,063
New Zealand.....	12,457	8,379	59.8	16,362	16,996	49.1	4,200	10,520
Other.....	11,584	574	95.3	8,910	498	94.7	106	76
Africa.....	188,876	29,839	86.4	259,499	51,016	—	10,213	15,236
British South Africa.....	309	—	100.0	3	—	100.0	5,667	8,633
British West Africa.....	28,390	2,865	92.3	23,553	2,642	93.0	853	1,148
Egypt.....	6,106	1,699	78.2	9,434	5,772	62.0	390	636
Other.....	154,071	25,775	85.7	207,809	42,702	—	2,303	4,913

<sup>1</sup> Iceland included in Northern North America.<sup>2</sup> For changes in geographic basis of statistics in 1939, see note 7 on table 1026, p. 927.<sup>3</sup> Less than \$500.<sup>4</sup> Includes U. S. S. R. in Asia.

Source: See general note, p. 899.

# No. 1094.—IN-TRANSIT AND TRANSSHIPMENT TRADE OF THE UNITED STATES: 1938 TO 1945

[Values in thousands of dollars (for basis of dollar values, see general note, p. 899)]

YEAR	CONTINENTS AND PRINCIPAL COUNTRIES							
	Received from	Shipped to	Received from	Shipped to	Received from	Shipped to	Received from	Shipped to
North America								
	Total		Canada		Mexico		Cuba	
1938	91,672	43,633	65,919	13,976	16,045	10,417	3,217	6,204
1939	117,112	68,304	90,972	22,001	15,451	14,453	4,697	6,303
1940	172,147	70,053	145,989	38,962	17,063	13,900	2,468	5,636
1941	230,648	81,976	202,220	50,461	12,391	16,793	1,913	4,332
1942	618,135	148,114	576,662	89,743	19,385	23,299	4,584	9,426
1943	1,045,262	203,017	977,799	124,831	22,246	23,884	6,524	13,452
1944	812,220	179,990	752,494	96,397	22,752	28,176	5,660	13,981
1945	678,931	149,909	602,103	66,727	44,020	39,253	5,829	15,836
South America								
	Total		Argentina		Brazil		Chile	
1938	9,974	22,250	2,395	1,974	1,045	2,617	1,563	4,932
1939	15,997	34,919	4,131	3,185	1,429	5,345	1,803	6,124
1940	55,021	38,685	5,625	6,390	6,816	7,316	26,357	7,213
1941	38,167	30,969	5,197	7,637	20,031	8,212	1,608	2,948
1942	31,473	30,252	8,643	7,423	11,843	8,728	2,601	3,474
1943	24,225	29,402	8,109	4,884	3,871	5,898	482	2,729
1944	50,671	32,262	6,761	4,837	5,901	10,176	356	2,441
1945	38,845	45,212	4,134	7,691	9,205	14,347	1,740	2,944
South America—Continued				Europe				
	Colombia		Peru		Total		United Kingdom	
1938	1,061	4,193	2,065	3,592	30,198	50,394	11,609	22,032
1939	1,107	8,874	4,279	3,532	29,898	64,610	12,162	23,515
1940	821	5,355	1,552	4,068	38,233	119,759	13,499	65,359
1941	1,450	3,714	1,208	2,640	21,648	81,586	8,039	59,512
1942	1,308	2,496	975	1,952	27,005	176,586	13,849	60,292
1943	3,528	3,742	488	1,478	29,101	386,326	17,701	277,562
1944	13,715	4,316	1,443	1,473	23,775	406,805	8,927	193,900
1945	4,015	7,853	2,534	2,204	40,403	276,527	7,689	126,817
Europe—Continued								
	Belgium		France		Netherlands		Germany <sup>1</sup>	
1938	1,387	4,376	2,678	4,057	3,050	3,536	4,847	7,157
1939	2,489	6,863	4,627	4,661	5,221	8,963	3,881	2,006
1940	2,302	3,856	4,009	28,750	1,199	3,640	113	20
1941	101	—	67	—	22	—	5	561
1942	18	—	8	—	—	11	5	847
1943	—	220	13	20	1	—	9	—
1944	—	—	3	56	245	—	94	—
1945	66	5,994	1,680	6,428	32	6,188	6	575
Asia								
	Total		Japan		Oceania		Africa	
1938	8,636	10,638	3,058	5,036	1,391	10,868	561	4,641
1939	10,451	11,679	4,591	5,775	1,959	10,361	1,260	6,775
1940	16,057	23,745	4,670	12,163	3,807	7,768	2,796	23,822
1941	26,138	46,710	2,791	3,142	3,888	12,062	7,440	72,008
1942	23,921	118,224	107	3	13,669	46,906	8,543	202,903
1943	24,524	183,715	10	170	36,865	29,797	6,585	328,345
1944	19,418	140,800	30	—	16,604	7,233	3,947	158,467
1945	10,114	229,668	1	311	7,928	9,787	6,448	61,575

YEAR	CUSTOMS REGIONS AND PRINCIPAL DISTRICTS THROUGH WHICH SHIPPED									
	Total <sup>1</sup>	Atlantic coast		Northern border			Pacific coast			Mexican border
		Total <sup>2</sup>	New York	Total <sup>2</sup>	Buffalo	Vermont	Total <sup>2</sup>	Alaska	San Francisco	
1938	142,433	111,230	109,109	7,431	2,576	3,593	11,357	5,295	1,400	8,524
1939	196,068	148,920	137,970	13,016	2,844	6,419	12,104	4,787	1,392	8,175
1940	265,853	230,950	193,617	25,673	6,902	14,137	14,716	5,767	2,478	5,708
1941	327,930	258,824	211,012	41,199	9,996	21,865	14,204	2,498	4,936	6,317

see note 7, p. 927.

<sup>2</sup> Includes districts not specified.

<sup>3</sup> Later data not available.

see: See general note, p. 899.

## 31. Commerce of Territories and Possessions

All statistics in this section, except as noted, were compiled by the Department of Commerce, Bureau of the Census beginning May 1941. Prior to that time, the data were compiled by the Bureau of Foreign and Domestic Commerce. These statistics are published in the Monthly Summary of Foreign Commerce of the United States. In the general foreign trade statistics in the preceding section, the Virgin Islands is treated as a foreign country prior to 1935 and its trade with the United States is included while its trade with other countries is not included. On the other hand, Alaska, Hawaii, and Puerto Rico, and for 1935-39, the Virgin Islands, are treated as integral parts of the United States, so that trade between them and continental United States is not included, while trade between them and foreign countries is included. Each of these territories appears as a separate customs district, but beginning with 1940, trade of the Virgin Islands has been excluded from the merchandise export and import figures. Neither trade of American Samoa and Guam with foreign countries nor shipments between them and the United States are included in the general tables on foreign trade. See also table 1008, p. 906.

The tables in this section present the total foreign trade of each of the U. S. Territories and possessions and show separately the trade with continental United States (unless otherwise indicated) and with foreign countries, including other U. S. Territories and possessions. For basis of dollar values, see general note, p. 899.

### No. 1035.—IMPORTS AND EXPORTS OF ALASKA: 1882 TO 1946

(In 1946 Alaska shipped domestic silver valued at \$19,260 to the United States)

YEARLY AVERAGE OR YEAR ENDING—	MERCHANDISE IMPORTS			MERCHANDISE EXPORTS			Shipments domestic gold to United States
	Total	From United States <sup>1</sup>	From other countries <sup>2</sup>	Total	To United States <sup>3</sup>	To other countries	
June 30 <sup>4</sup>	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1882-1885 .....		680,250	9,198			24,985	
1886-1890 .....		1,455,600	23,697			8,748	
1891-1895 .....		2,422,600	42,539			15,521	
1896-1900 .....		9,643,000	185,182			135,069	
1901-1905 .....	11,238,265	11,169,017	721,110	11,820,379	10,398,385	1,682,464	7,793,343
1906-1910 .....	18,041,314	17,256,687	804,627	12,960,141	11,589,320	1,370,821	15,773,847
1911-1915 .....	20,726,443	20,034,397	692,046	23,095,710	21,945,826	1,150,087	14,924,009
Dec. 31							
1915-1920 <sup>5</sup> .....	37,039,688	35,707,204	1,332,484	68,445,011	66,890,595	1,554,417	11,880,362
1921-1925 .....	28,965,839	28,216,438	749,401	52,009,911	50,730,865	1,279,046	5,787,518
1926 .....	32,575,691	32,046,273	529,618	56,325,548	54,974,169	1,351,380	4,602,746
1927 .....	33,199,511	32,352,530	846,981	57,820,289	56,918,746	901,543	5,219,542
1928 .....	32,131,020	31,587,337	543,683	73,822,387	72,300,506	521,881	5,743,076
1929 .....	34,370,410	33,604,108	766,302	51,832,367	51,348,668	483,699	5,394,107
1930 .....	32,618,234	32,058,976	559,258	68,209,945	67,587,207	622,738	6,352,304
1931 .....	34,174,857	33,220,584	954,273	64,174,694	63,567,677	607,017	7,126,724
1932 .....	33,012,927	31,303,291	1,709,636	49,344,153	48,906,962	437,191	7,631,237
1933 .....	23,036,493	22,460,695	576,598	43,591,272	43,276,364	314,908	8,928,795
1934 .....	19,875,856	19,573,105	302,451	30,418,883	30,183,355	235,528	9,261,496
1935 .....	20,816,667	20,635,622	181,045	33,297,742	33,131,461	166,281	9,864,479
1936 .....	30,269,608	29,998,840	270,768	45,381,462	45,058,980	322,512	13,883,877
1937 .....	32,261,832	32,007,858	253,976	37,130,832	36,868,697	262,135	15,933,058
1938 .....	39,325,725	39,060,577	265,148	61,250,807	60,807,603	443,204	16,453,379
1939 .....	43,083,995	42,860,774	223,221	62,763,444	62,363,327	400,117	17,776,401
1940 .....	42,851,647	42,676,622	175,025	56,660,058	56,044,728	615,330	21,321,617
1941 .....	44,414,093	44,262,710	151,383	42,765,902	42,228,758	537,044	20,073,913
1942 .....	48,189,293	48,039,460	149,833	40,585,267	40,173,952	411,315	20,926,967
1943 .....	62,206,605	62,029,238	177,367	68,471,531	67,899,704	571,823	17,849,470
1944 .....	91,524,276	89,497,621	2,026,655	80,018,262	78,190,933	1,827,327	12,104,445
1945 .....	76,007,674	73,558,798	2,448,776	287,899,094	73,164,753	214,734,341	1,980,296
1946 .....	62,638,819	62,042,363	596,456	343,470,611	72,359,111	271,111,500	1,009,125
1947 .....	67,068,965	64,130,197	2,938,768	238,922,661	73,368,575	165,654,086	778,081
1948 .....	75,576,462	73,005,229	2,571,233	69,892,767	68,837,904	1,054,863	4,363,386

<sup>1</sup> Unofficial estimates of value of merchandise shipped from Pacific coast ports to Alaska from 1882 to 1901; from 1903 to date, official figures of shipments to Alaska.

<sup>2</sup> General imports through 1933; imports for consumption thereafter.

<sup>3</sup> 2-year average.

<sup>4</sup> 4-year average.

<sup>5</sup> 2-year average.

<sup>6</sup> Period July 1, 1915 to Dec. 31, 1929.

Source: See general note.



## No. 1086.—IMPORTS AND EXPORTS OF PUERTO RICO: 1901 TO 1946

YEARLY AVERAGE OR YEAR ENDING—	MERCHANDISE IMPORTS			MERCHANDISE EXPORTS		
	Total	From United States <sup>1</sup>	From other countries <sup>2</sup>	Total	To United States	To other countries
<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
June 30:						
1901-1905.....	13,256,464	11,055,607	2,200,857	14,228,464	10,485,414	3,743,050
1906-1910.....	26,819,937	23,660,948	3,158,988	29,850,008	25,118,813	4,731,195
1911-1915.....	37,790,207	33,959,225	3,830,982	46,237,403	38,982,507	7,254,896
Dec 31:						
1916-1920 <sup>3</sup> .....	51,192,858	47,846,373	3,346,485	67,831,544	60,818,903	7,012,741
1921-1925.....	78,901,764	70,855,330	8,046,434	82,876,547	76,481,329	6,397,218
1926-1930.....	92,500,984	80,840,700	11,660,284	98,613,291	92,468,856	6,144,435
1928.....	95,268,911	81,940,283	13,328,628	103,666,994	97,268,763	6,398,231
1929.....	87,708,510	75,979,914	11,728,596	83,244,375	78,126,574	5,117,801
1930.....	84,537,868	74,219,219	10,318,649	103,948,871	99,880,061	4,068,810
1931.....	68,511,042	60,636,751	7,874,291	91,064,185	87,911,706	3,152,479
1932.....	56,036,476	48,780,141	7,256,335	76,418,077	74,280,250	2,137,827
1933.....	57,843,575	51,696,968	6,146,607	78,661,083	76,211,940	2,449,143
1934.....	66,239,329	59,477,288	6,762,041	83,907,747	81,184,396	2,723,351
1935.....	76,647,639	70,052,462	6,595,177	89,641,421	87,726,308	1,915,113
1936.....	93,159,305	86,351,952	6,807,353	105,900,934	103,951,645	1,949,289
1937.....	99,188,310	90,043,856	9,144,454	105,506,241	102,859,041	2,646,200
1938.....	88,663,766	80,746,030	7,917,736	86,531,138	84,663,800	1,867,278
1939.....	92,920,704	86,447,423	6,473,281	90,527,556	88,977,216	1,550,355
1940.....	110,629,960	103,972,709	6,657,251	85,041,449	83,733,274	1,308,175
1941.....	153,259,895	143,691,759	9,568,136	101,580,919	99,551,309	1,929,610
1942.....	102,378,744	90,380,869	11,997,875	105,477,270	104,214,641	1,262,629
1943.....	104,066,388	87,419,797	16,646,591	115,946,349	99,221,148	16,725,201
1944.....	136,448,478	120,499,206	15,949,272	126,804,083	123,747,071	1,857,012
1945.....	181,912,120	158,688,630	23,223,490	148,407,331	144,675,224	3,732,107
1946.....	298,691,698	274,430,616	24,260,982	168,186,926	163,941,239	4,245,686

Shipments from the United States to Puerto Rico.

General imports through 1933; imports for consumption thereafter.

Period July 1, 1915, to Dec. 31, 1920.

## No. 1087.—IMPORTS AND EXPORTS OF HAWAII: 1901 TO 1946

EARLY AVERAGE OR YEAR ENDING—	MERCHANDISE IMPORTS			MERCHANDISE EXPORTS		
	Total	From United States <sup>1</sup>	From other countries <sup>2</sup>	Total	To United States	To other countries
<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
June 30:						
1901-1905.....	14,778,085	11,450,879	3,327,206	28,093,757	28,029,059	64,698
1906-1910.....	20,120,138	16,970,287	3,149,852	37,097,102	36,642,145	454,956
1911-1915.....	31,532,670	25,600,469	5,932,201	48,983,610	48,352,547	631,063
Dec 31:						
1916-1920 <sup>4</sup> .....	39,271,498	33,236,196	6,035,299	76,008,709	73,691,927	2,316,781
1921-1925.....	74,514,123	65,429,082	9,085,041	92,977,893	91,467,972	1,499,922
1926-1930.....	89,454,556	79,666,569	9,787,987	108,096,755	105,937,984	2,158,771
1928.....	88,124,233	77,762,940	10,361,293	119,479,835	116,958,090	2,521,745
1929.....	92,703,456	82,950,789	9,752,667	108,439,103	106,312,833	2,126,270
1930.....	91,126,049	81,726,404	9,399,645	100,915,783	98,923,737	1,992,046
1931.....	86,956,866	79,092,457	7,864,409	102,737,835	101,548,555	1,189,280
1932.....	63,630,077	58,578,449	5,051,628	83,448,296	82,688,205	760,091
1933.....	63,127,969	57,894,488	5,233,481	92,952,801	92,276,992	675,809
1934.....	66,233,683	63,472,396	2,761,288	95,830,050	94,513,699	1,316,350
1935.....	84,552,884	78,924,776	5,628,108	100,033,996	98,695,969	1,338,027
1936.....	92,443,911	85,743,098	6,699,813	127,176,805	125,537,355	1,639,450
1937.....	113,975,459	104,302,531	9,672,928	132,239,814	130,138,166	2,101,648
1938.....	109,659,721	101,227,151	8,432,570	98,086,121	96,556,679	1,529,442
1939.....	109,251,672	101,817,841	7,433,831	115,096,809	113,206,898	1,889,911
1940.....	135,446,957	127,439,539	8,007,418	103,067,965	102,145,130	922,835
1941.....	192,855,457	186,662,139	6,193,318	133,653,066	122,640,189	11,012,877
1942.....	143,377,345	141,701,552	1,675,793	96,903,545	96,650,450	253,095
1943.....	185,766,176	182,594,027	3,172,149	103,391,087	103,370,901	20,186
1944.....	198,509,464	188,793,636	12,715,828	85,140,644	85,087,249	53,395
1945.....	267,045,937	240,829,274	26,216,663	88,046,893	87,460,764	586,129
1946.....	236,306,962	227,072,997	9,233,965	140,082,427	133,337,539	6,744,888

Shipments from U. S. to Hawaii.

Period July 1, 1915, to Dec. 31, 1920.

Data of tables 1086 and 1087: See general note, p. 944.

<sup>1</sup> See note 2, table 1036.<sup>2</sup> Average for 1903 to 1905.

## No. 1088.—IMPORTS AND EXPORTS OF THE VIRGIN ISLANDS: 1911 TO 1946

[For 1911 to 1917, figures for trade with United States cover years ending June 30, for total trade years ending Mar. 31; thereafter, all figures cover calendar years]

YEARLY AVERAGE OR YEAR	MERCHANDISE IMPORTS			MERCHANDISE EXPORTS		
	Total	From United States <sup>1</sup>	From other countries	Total	To United States	To other countries
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1911-1915	1,617,225	844,729	( <sup>2</sup> )	416,950	210,507	( <sup>2</sup> )
1916-1920	( <sup>2</sup> )	1,945,396	( <sup>2</sup> )	( <sup>2</sup> )	1,718,822	( <sup>2</sup> )
1920	4,856,007	3,983,478	862,519	4,749,319	4,540,380	208,938
1921	3,038,750	2,622,396	416,354	883,735	734,674	149,061
1922	2,009,951	1,647,353	362,598	835,505	734,476	101,029
1923	1,940,767	1,617,625	323,142	514,042	414,609	99,433
1924	2,028,718	1,668,495	360,223	461,556	394,065	67,471
1925	( <sup>2</sup> )	1,915,277	( <sup>2</sup> )	( <sup>2</sup> )	1,020,748	( <sup>2</sup> )
1926	( <sup>2</sup> )	1,799,444	( <sup>2</sup> )	( <sup>2</sup> )	810,410	( <sup>2</sup> )
1927	( <sup>2</sup> )	2,053,340	( <sup>2</sup> )	( <sup>2</sup> )	968,463	( <sup>2</sup> )
1928	( <sup>2</sup> )	2,277,030	( <sup>2</sup> )	( <sup>2</sup> )	1,195,314	( <sup>2</sup> )
1929	( <sup>2</sup> )	2,298,269	( <sup>2</sup> )	( <sup>2</sup> )	603,323	( <sup>2</sup> )
1930	( <sup>2</sup> )	1,672,908	( <sup>2</sup> )	( <sup>2</sup> )	768,342	( <sup>2</sup> )
1931	( <sup>2</sup> )	1,250,406	( <sup>2</sup> )	( <sup>2</sup> )	408,932	( <sup>2</sup> )
1932	( <sup>2</sup> )	929,980	( <sup>2</sup> )	( <sup>2</sup> )	405,163	( <sup>2</sup> )
1933	( <sup>2</sup> )	1,075,512	( <sup>2</sup> )	( <sup>2</sup> )	516,846	( <sup>2</sup> )
1934	( <sup>2</sup> )	1,544,424	( <sup>2</sup> )	( <sup>2</sup> )	575,052	( <sup>2</sup> )
1935	2,503,027	1,666,415	836,612	553,842	489,126	64,716
1936	3,599,617	2,208,570	1,391,047	793,651	726,746	66,905
1937	4,148,593	2,978,146	1,172,447	1,319,895	1,253,429	66,466
1938	3,348,563	2,358,548	989,015	1,641,472	1,220,506	320,966
1939	3,456,895	2,487,806	969,090	1,664,933	1,536,523	108,410
1940	4,164,428	3,023,979	1,140,449	1,527,709	1,448,020	79,689
1941	6,307,730	5,190,548	1,117,182	2,564,856	2,419,597	145,259
1942	4,862,986	3,768,497	1,094,489	1,846,267	1,588,414	257,853
1943	4,847,655	4,025,839	821,816	3,622,139	3,456,235	165,904
1944	4,750,640	3,726,484	1,024,156	6,839,921	6,657,669	182,252
1945	5,332,875	4,575,865	757,010	4,356,431	4,117,624	238,807
1946	8,540,306	6,722,914	1,817,392	4,136,205	3,690,130	458,075

<sup>1</sup> Shipments from the United States to the Virgin Islands. For change in statistical reporting, 1935 to 1939, see general note, p. 944.

<sup>2</sup> Not available.

Source: Total trade, 1911 to 1915, from Danish Yearbook, 1916, from "The Virgin Islands of the United States of America," by Luther K. Zabriski. For source of other figures, see general note, p. 944.

## No. 1039.—IMPORTS AND EXPORTS OF GUAM: 1915 TO 1946

YEAR ENDING DEC. 31	MERCHANDISE IMPORTS			MERCHANDISE EXPORTS		
	Total	From United States	From other countries	Total	To United States	To other countries
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1915-1920, average for period, July 1, 1915, to Dec. 31, 1920	342,651	211,744	130,908	77,894	41,741	36,153
1921-1925, average	594,583	378,094	216,489	72,681	57,302	15,379
1926-1930, average	908,026	295,398	312,629	212,352	98,335	114,017
1927	404,277	208,860	195,617	154,271	112,863	41,408
1928	661,264	326,844	334,420	242,632	124,677	117,955
1929	812,815	290,960	521,835	348,309	54,688	293,621
1930	668,419	375,278	293,143	197,506	113,151	84,409
1931	579,287	300,728	278,569	81,910	37,800	44,110
1932	456,861	213,957	242,904	49,684	9,129	40,555
1933	375,991	181,266	197,725	62,449	5,155	57,294
1934	439,207	183,781	255,426	31,376	2,072	29,304
1935	638,220	262,814	375,406	124,189	52,778	71,412
1936	779,500	367,866	411,634	136,934	72,271	64,663
1937	857,904	345,543	512,361	226,229	164,879	61,350
1938	698,433	357,839	340,595	118,122	79,065	39,057
1939	735,906	402,963	332,943	112,104	88,468	23,636
1940	859,624	545,430	314,194	103,094	83,785	19,309
1941	1,060,980	788,325	272,655	50,175	39,303	20,872
1942	( <sup>1</sup> )	650,777	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
1943	( <sup>1</sup> )	6,508	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
1944	( <sup>1</sup> )	1,006,858	( <sup>1</sup> )	2,423,354	2,710,833	722,521

<sup>1</sup> Not available.

Source: Returns of the Navy Department to the Department of Commerce. See general note, p. 944.

No. 1040.—IMPORTS AND EXPORTS OF AMERICAN SAMOA: 1915 TO 1946

YEAR ENDING DEC. 31	MERCHANDISE IMPORTS			MERCHANDISE EXPORTS		
	Total	From United States	From other countries	Total	To United States	To other countries
1915-1920, average for period, July 1, 1915 to Dec. 31, 1920	Dollars 179,041	Dollars 115,378	Dollars 63,763	Dollars 140,757	Dollars 140,757	Dollars —
1921-1925, average	201,005	101,038	99,967	122,388	88,087	34,301
1926-1930, average	226,858	142,774	84,084	(1)	121,028	(1)
1929	201,971	113,287	88,684	(1)	166,756	(1)
1930	206,060	142,353	63,667	(1)	140,422	(1)
1931	193,447	103,659	79,788	(1)	60,287	(1)
1932	157,600	99,064	58,536	(1)	20,077	(1)
1933	168,514	84,690	83,824	(1)	20,966	(1)
1934	201,612	123,866	77,746	(1)	24,927	(1)
1935	261,414	196,877	64,537	(1)	82,254	(1)
1936	341,873	219,163	122,710	(1)	86,717	(1)
1937	374,187	264,637	109,550	(1)	115,076	(1)
1938	355,731	221,787	133,944	(1)	110,857	(1)
1939	277,318	164,758	112,560	(1)	84,652	(1)
1940	332,718	230,007	102,711	(1)	72,396	(1)
1941	714,569	506,510	208,079	(1)	103,129	(1)
1942	896,493	710,556	185,937	(1)	8,664	(1)
1943	1,062,442	1,017,252	45,190	(1)	(1)	(1)
1944	1,009,674	636,266	374,308	(1)	(1)	(1)
1945	(1)	340,823	(1)	(1)	(1)	(1)
1946	(1)	379,637	(1)	(1)	190,924	(1)

<sup>1</sup> Not available.

Sources: Returns of the Navy Department to the Department of Commerce. See general note, p. 944.

No. 1041.—SHIPMENTS OF MERCHANDISE FROM THE UNITED STATES TO ALASKA, HAWAII, AND PUERTO RICO: 1944, 1945, AND 1946

[Values in thousands of dollars. Totals include items not shown separately]

COMMODITY GROUP OR ITEM	ALASKA			HAWAII			PUERTO RICO		
	1944	1945	1946	1944	1945	1946	1944	1945	1946
Total merchandise	62,042	64,156	75,006	185,794	240,829	227,073	120,499	155,639	274,431
Meats and animal products	8,154	8,741	10,679	29,913	34,126	33,155	15,829	25,008	50,260
Meat products	3,806	3,701	4,888	13,755	9,612	13,756	2,082	4,757	9,618
Eggs	850	907	1,046	3,255	3,294	2,381	464	402	1,154
Milk, condensed, evaporated, dried	478	694	884	311	1,571	2,999	1,143	4,090	8,611
Butter and cheese	986	1,311	1,354	2,060	2,531	2,219	256	1,200	2,098
Animal fats and oils, edible	101	128	230	208	163	244	34	1,653	11,026
Fish	212	254	251	2,799	4,139	4,060	90	861	852
Leather boots and shoes	722	653	604	4,408	7,552	3,651	7,693	8,911	11,669
Vegetable food products and beverages	14,411	13,887	13,216	29,465	45,302	46,906	13,482	21,574	54,175
Grains and preparations	674	761	900	1,519	4,808	10,363	1,743	15,319	28,015
Rice	(1)	(1)	(1)	3	1,655	5,791	(1)	9,896	17,880
Wheat flour	243	286	408	30	789	1,793	15	2,886	5,710
Biscuits and crackers	186	187	207	430	302	397	648	974	1,116
Fodders and feeds	206	271	316	1,925	3,831	5,728	2,825	3,174	5,307
Mixed and prepared feeds	(1)	(1)	(1)	1,804	2,585	3,607	2,794	2,994	4,958
Vegetables and preparations	1,429	1,728	1,979	6,768	8,234	7,264	5,286	9,005	14,765
Beans, dried	(1)	(1)	(1)	78	236	187	17	1,256	3,881
Potatoes, white	220	223	213	687	810	27,111	811	1,800	2,341
Canned vegetables	447	672	723	2,449	3,112	2,543	2,775	2,845	5,175
Fruits and preparations	1,134	1,298	1,426	3,321	4,568	4,719	901	979	1,806
Oranges	(1)	(1)	(1)	1,080	1,314	1,308	(1)	(1)	(1)
Canned, dried, and other fruit preparations	604	709	850	1,353	1,774	1,387	725	852	1,322
Coffee	297	370	554	612	579	518	3	1	450
Sugar	296	373	486	58	93	186	1	(1)	1
Confectionery and chewing gum	520	494	452	1,022	1,259	1,647	474	412	601
Beverages and fruit juices	9,405	7,810	6,584	9,868	19,023	13,914	1,315	1,313	2,913
Malt liquors	1,231	1,261	916	183	512	1,322	63	311	1,296
Whisky	5,954	5,702	4,799	2,647	12,564	9,674	—	—	156
Stable products, inedible, except gum and wood	1,873	2,593	2,579	11,716	12,622	9,956	10,233	7,446	9,399
Rubber and manufactures	216	233	285	3,606	4,512	4,020	1,717	2,366	3,183
Automobile tires (casings)	(1)	(1)	(1)	1,827	2,732	2,396	942	1,843	1,828
Cigarettes	1,092	1,698	1,479	5,946	5,350	3,868	6,306	2,880	4,753

(1) Notes at end of table.

## No. 1041.—SHIPMENTS OF MERCHANDISE FROM THE UNITED STATES TO ALASKA, HAWAII, AND PUERTO RICO 1944, 1945, AND 1946—Continued

[In thousands of dollars]

COMMODITY GROUP OR ITEM	ALASKA			HAWAII			PUERTO RICO		
	1944	1945	1946	1944	1945	1946	1944	1945	1946
<b>Textile fibers and manufactures</b>	5,494	4,650	5,743	24,963	22,832	27,194	31,946	32,617	39,698
Cotton manufactures	2,110	1,634	1,997	10,940	14,156	12,600	18,013	19,310	35,112
Sewing, crochet, and embroidery cotton	(1)	(1)	(1)	163	180	196	577	485	515
Cloth, duck, and tire fabric	(1)	(1)	(1)	1,770	2,588	3,641	9,122	10,772	15,497
Wearing apparel	1,087	724	893	6,797	7,636	5,135	2,786	2,270	3,995
Wool and manufactures	1,421	1,073	1,453	3,504	3,616	3,568	1,722	1,622	4,068
Wearing apparel	941	691	975	2,373	2,766	2,515	1,264	876	2,323
Silk manufactures	10	15	23	68	87	241	76	37	869
Wearing apparel	(1)	(1)	(1)	46	30	87	17	11	169
Rayon and other synthetic textiles	(1)	(1)	(1)	7,677	10,662	7,897	9,968	9,161	14,557
<b>Wood and paper</b>	3,511	3,712	3,131	11,532	15,132	11,463	8,622	9,163	14,442
Boards, planks, and scantlings	520	523	329	1,178	1,310	1,000	1,824	3,123	6,717
Wood furniture	201	325	274	775	1,599	1,502	534	744	1,296
Paper and manufactures	1,492	1,569	198	8,478	10,670	5,080	4,391	4,429	4,963
Boxes and cartons	613	672	519	3,269	3,291	961	106	180	336
<b>Nonmetallic minerals</b>	6,273	6,101	7,212	19,083	20,405	17,949	8,250	7,239	11,533
Coal	491	567	111	28	24	7	135	50	73
Petroleum and products	5,006	4,635	6,366	15,649	14,929	13,966	578	1,375	8,703
Gasoline	2,274	2,089	2,587	7,291	5,960	6,074	3	257	3,773
Kerosene	(1)	(1)	(1)	898	768	591	(1)	79	650
Gas and fuel oil	1,675	1,295	2,985	1,761	6,121	5,780	—	30	390
Lubricating oil	389	447	490	1,304	1,076	1,006	85	698	865
Cement, hydraulic	80	113	124	239	405	865	14	29	110
Glass and glass products	243	243	305	1,107	2,007	1,151	5,769	2,683	2,525
Clay and clay products	203	211	169	758	1,428	887	653	743	1,131
<b>Metals and manufactures, except machinery and vehicles</b>	7,555	9,029	9,542	12,592	15,866	16,913	5,264	8,796	13,900
Iron and steel manufactures	7,236	8,298	9,019	11,111	14,867	14,141	4,812	—	11,743
Bars and rods	76	113	123	256	299	240	364	1,104	1,239
Galvanized sheets	(1)	(1)	(1)	204	270	162	541	691	365
Tin plate and taggers' tin	(1)	1	1	4,642	4,638	5,022	25	20	311
Structural iron and steel	78	318	344	198	399	1,038	239	233	590
Cast iron pipe and fittings	(1)	(1)	(1)	330	1,044	232	93	256	—
Wire and manufactures	516	614	582	746	949	958	348	518	723
Wire nails	(1)	(1)	(1)	109	103	103	112	209	215
Tin cans, finished or unfinished	4,179	4,173	4,800	291	343	193	225	278	428
Stoves, ranges, furnaces, and parts	331	305	297	355	853	732	156	156	461
Tools	225	200	262	898	996	659	290	400	663
Copper and manufactures	90	125	123	531	783	679	169	362	530
<b>Machinery and vehicles</b>	7,574	8,128	11,459	14,353	23,402	31,332	7,369	11,075	22,729
Electrical machinery and apparatus	1,094	1,752	2,218	3,991	6,162	9,162	1,643	2,466	5,747
Household refrigerators	(1)	(1)	(1)	74	145	780	12	40	506
Radio apparatus	127	232	497	414	599	1,606	96	142	1,223
Industrial machinery	2,726	3,007	3,603	3,665	5,981	7,298	2,783	3,736	7,235
Engines and parts	673	746	674	257	326	1,180	695	442	541
Mining and quarrying	93	117	276	93	133	153	40	90	392
Cannery equipment	391	508	416	57	66	93	35	31	61
Sugar-mill machinery	(1)	(1)	(1)	121	440	406	178	447	734
Agricultural machinery and impl.	906	394	1,141	1,614	1,687	1,790	647	1,014	1,062
Tractors and parts	116	88	503	1,352	1,235	900	426	709	665
Automobiles, parts, and accessories	1,122	1,059	1,769	3,625	7,381	9,742	1,406	2,579	7,125
Motortrucks and busses	277	318	601	1,351	3,143	3,652	592	1,334	3,023
Passenger cars	437	477	684	322	866	3,380	70	134	2,127
<b>Chemicals and related products</b>	1,663	1,788	1,866	11,216	15,711	19,278	13,265	17,236	21,633
Chemicals, including coal-tar prod	394	453	420	3,963	4,931	2,481	1,429	1,734	2,095
Medicinal and pharmaceutical preparations	343	345	393	1,521	1,945	1,739	3,629	4,570	5,156
Paints, pigments, and varnishes	349	364	398	1,934	2,358	1,805	2,902	1,651	1,962
Fertilizers and fertilizer materials	14	10	14	484	634	496	3,157	5,485	5,934
Ammonium sulfate	(1)	(1)	(1)	(1)	45	4	1,395	2,189	2,632
Explosives, fuses, etc.	102	99	12	69	33	73	—	46	85
Soap	480	193	253	3,206	2,256	1,810	2,151	2,092	3,787
<b>Miscellaneous</b>	5,537	5,836	9,556	20,970	24,934	31,929	6,925	8,444	14,723
Motion-picture films	509	382	374	336	257	390	64	100	161
Musical instruments	119	124	179	628	1,019	1,232	145	302	680
Toys, athletic and sporting goods	223	222	339	1,432	2,436	1,663	551	945	1,607
Books, pictures, and other printed matter	462	442	460	2,400	3,124	2,045	669	898	1,306
Household and personal effects	1,105	1,547	2,544	621	1,283	3,763	326	663	1,230

1 Not shown separately.

2 Less than \$300.

Source: See general note, p. 944.

**c. 1042.—SHIPMENTS OF PRINCIPAL PRODUCTS TO THE UNITED STATES FROM ALASKA, HAWAII, AND PUERTO RICO**

[Totals include items not shown separately For gold shipments from Alaska, see table 1035]

TERRITORY AND PRODUCT	QUANTITY			VALUE (THOUSANDS OF DOLLARS)			
	1944	1945	1946	1943	1944	1945	1946
<b>ALASKA</b>							
<b>Total, all merchandise</b>				72, 165	72, 259	72, 269	68, 538
Articles produced in U. S. returned				2, 879	4, 165	3, 815	4, 933
Foreign merchandise				1	1		
Total, Alaskan products				70, 285	68, 194	68, 454	63, 604
Fish	1,000 pounds	275, 180	274, 075	199, 678	59, 205	58, 950	57, 767
Halibut, fresh and frozen	do	19, 699	24, 081	19, 848	2, 718	3, 578	4, 406
Salmon, fresh and frozen	do	13, 155	15, 812	13, 206	1, 747	2, 156	3, 177
Canned salmon	do	230, 680	214, 095	149, 887	52, 120	50, 489	46, 852
Cured or preserved fish	do	4, 166	9, 129	9, 459	1, 146	1, 009	2, 226
Shellfish	do	1, 884	2, 127	2, 539	690	868	1, 016
Other fish products:							
Meal	tons <sup>1</sup>	7, 991	9, 463	12, 791	556	702	852
Oil	1,000 gallons	2, 416	2, 930	3, 799	1, 067	1, 002	1, 831
Furs and fur skins	number	304, 008	315, 279	315, 238	7, 144	3, 997	3, 791
Beaver	do	9, 393	9, 988	18, 929	531	301	306
Blue fox	do	1, 006	1, 731	1, 523	46	28	45
Red fox	do	7, 321	7, 869	4, 754	82	171	99
Seal skins	do	47, 683	77, 003	64, 897	5, 038	1, 764	3, 849
Marten	do	7, 683	482	2, 470	330	369	26
Mink	do	58, 537	42, 691	64, 837	425	747	874
Muskrat	do	153, 791	152, 846	137, 656	441	307	287
Platinum	troy ounces	30, 693	23, 529	19, 869	1, 033	1, 335	987
<b>HAWAII</b>							
<b>Total, all merchandise</b>				103, 371	85, 087	87, 461	133, 338
Articles produced in U. S. returned				2, 396	2, 468	2, 094	19, 039
Foreign merchandise				1	( <sup>2</sup> )		12
Total, Hawaiian products				100, 975	82, 619	84, 467	114, 286
Cattle hides	1,000 pounds	1, 717	1, 468	1, 370	211	230	207
Fruits				24, 457	18, 789	14, 388	40, 733
Pineapples (canned)	1,000 pounds	190, 892	143, 762	378, 518	24, 352	13, 728	14, 369
Vegetables, fresh, canned, etc.	do		( <sup>2</sup> )	68	12	( <sup>2</sup> )	11
Coffee	do		2	7, 147		1	882
Sugar, unrefined	do	1, 573, 903	1, 487, 321	1, 196, 495	55, 810	52, 278	50, 011
Sugar, refined	do			58			8
Molasses	1,000 gallons	38, 531	36, 942	32, 226	3, 501	2, 788	2, 703
Pineapple juice	1,000 pounds	94, 097	149, 088	277, 095	15, 554	7, 397	12, 566
Fiber insulating board	do	20, 199	30, 365	30, 689		509	806
<b>PUERTO RICO</b>							
<b>Total, all merchandise</b>				99, 221	123, 747	144, 676	163, 941
Articles produced in U. S. returned				313	896	1, 438	2, 115
Foreign merchandise				37	23	46	33
Total, Puerto Rican products				98, 871	122, 828	143, 191	161, 793
Fruits				1, 322	1, 651	3, 308	3, 175
Pineapples, canned, etc.	1,000 pounds	9, 236	14, 439	14, 544	898	1, 057	1, 903
Coconuts	thousands	3, 719	8, 661	7, 258	580	257	912
Coconut, prepared	1,000 pounds	7, 028	7, 881	6, 858	346	1, 737	2, 814
Sugar, unrefined	do	1, 300, 467	1, 592, 515	1, 505, 009	36, 093	45, 494	55, 343
Sugar, refined	do	130, 306	184, 343	201, 736	9, 199	7, 036	10, 103
Sandy and confectionary	do	138	8, 296	5, 883	39	35	951
Alcoholic beverages	1,000 gallons	17, 632	16, 268	17, 287	685	2, 214	2, 233
Fruit juice	do	56	737	433	59	53	536
Tobacco	1,000 proof gallons	6, 741	2, 909	4, 611	24, 100	24, 146	10, 185
Cigars and cheroots	1,000 pounds	7, 196	10, 111	17, 087	9, 461	7, 385	14, 654
Wine, scraps, etc.	do	5, 711	8, 046	8, 000	1, 131	2, 221	2, 774
Wearing apparel	thousands	43, 319	96, 691	69, 812	130	2, 133	4, 836
Textile manufactures				5, 070	10, 561	11, 852	16, 565
Wearing apparel				1, 196	2, 362	2, 436	3, 689
Handkerchiefs	1,000 dozens	4, 386	4, 202	5, 632	3, 708	7, 724	8, 561
Handkerchiefs	do	165	152	482	561	534	480
Garments, woven and hooked	number	46, 039	87, 458	145, 765	219	503	1, 349
Textile manufactures				354	56	79	718
Footwear manufactures				2, 590	3, 990	5, 942	6, 472
Houses, dresses, housecoats	dozen	19, 821	48, 870	55, 911	401	460	1, 334
Underwear	1,000 dozen	90	102	115	1, 006	2, 077	2, 838
Other wearing apparel				322	548	1, 024	1, 061
Wool gloves	dozen pairs	387, 618	409, 773	542, 694	2, 525	3, 653	4, 068
Wool gloves	dozen pairs	57, 605	43, 845	103, 435	537	1, 217	1, 050
Shells	1,000 gallons	478	269	39	856	826	439
Shells, pearl or shell	1,000 gross	437	591	847	309	475	653

<sup>1</sup> 2,240 pounds.

<sup>2</sup> Less than 500 pounds or \$500.

See general note, p. 944.

## 32. Distribution and Services

Data in this section relate to continental United States.

For additional or related data on distribution and service trades other than those included in this section, consult the index.

### CENSUS OF BUSINESS

The primary source of data on distribution and services is the Census of Business. The first Census of Business covered the calendar year 1929. Although the next was scheduled by law to cover the year 1939, two special censuses covering the years 1933 and 1935 were taken before the regular 1939 census conducted as part of the 16th Census of the United States.

The business establishments covered in the distribution and service fields included in the Census of Business may be generally described as follows:

**Retail trade.**—Places of business primarily engaged in selling merchandise in a retail manner to personal and household consumers;

**Wholesale trade.**—Establishments primarily engaged in selling goods to dealers and distributors for resale or to purchasers who buy for business uses; and,

**Service.**—Establishments engaged primarily in selling services as contrasted with merchandise as in the case of retail and wholesale trade.

In order that the coverage of distribution operations be complete, the censuses taken in 1929, 1935, and 1939 included information on the distribution of manufacturers' sales showing the proportion of manufacturers' output flowing through various distribution channels.

The most important differences in scope among the four Censuses of Business are to be found in the coverage of service enterprises. Service establishments were not included in the 1929 Census of Business at all. In 1933 the Census of Business was expanded to include certain service enterprises. These can be broadly classified into the following five major groups: (1) personal services, such as barber shops, laundries, etc., (2) selected business services, (3) repair services, (4) places of amusement, and (5) hotels. The 1935 Business Census added a number of important businesses among which were banking and finance, motor transportation, real estate agencies, warehousing, insurance, and radio broadcasting. The types of business added in 1935 were dropped in 1939 along with a number of minor types of service business.

In addition to observing the changes in the coverage of establishments from census to census, it is important to take cognizance of the kind of businesses, broadly defined, not included in any Census of Business. Outstanding in this group are the business activities of doctors, lawyers, dentists, and others performing a professional or scientific service, educational institutions, religious or charitable institutions, hospitals and infirmaries, public utilities, and government operated enterprises. In the past, these types of economic activity have been omitted largely because of problems in obtaining information or because reasonably adequate data were already available from other sources.

In many of the following tables data from the various Censuses of Business are compared. Adjustments have been made in the figures to make allowances for the changes in scope among the various years compared.



## CURRENT STATISTICS

**Wholesale trade.**—Monthly statistics on wholesalers' sales, inventories, and credits are compiled and published by the Bureau of the Census. These data are compiled on a sampling basis, covering 2,500 to 3,000 firms. Using these survey data as a basis, monthly estimates of aggregate sales of wholesalers raised to national totals are prepared by the Bureau of Foreign and Domestic Commerce and published in the Survey of Current Business.

Financial statistics relating to corporations in wholesale trade are available from the annual reports, Statistics of Income, published by the Bureau of Internal Revenue.

Current data on the production, movement, stocks, carry-over, receipts, and disappearances at principal markets, etc., for major agricultural commodities are available from the Production and Marketing Administration, Department of Agriculture.

As part of its investigations, the Federal Trade Commission has collected operating statistics on wholesalers as well as on the wholesale business of chains in various lines. Financial statistics on corporations engaged in wholesale trade whose securities are listed on the national security exchanges are available from the Securities and Exchange Commission.

**Retail trade.**—The Bureau of the Census compiles and publishes monthly statistics on trends in independent retail store sales, by kind of business, for the country as a whole and for selected large cities and other local areas; monthly data for all retail trade combined are also provided for a large number of additional cities and local areas. These data are based on reports from a sample of some 55,000 stores. The Census Bureau also issues jointly with the Office of Business Economics of the Bureau of Foreign and Domestic Commerce monthly statistics on the trends and dollar volume of retail chain store and mail-order house sales nationally by kind of business. Monthly estimates of the dollar volume of retail sales by kind of business groups are prepared by the Office of Business Economics and are published currently in the Survey of Current Business.

Indexes of department store sales and stocks are compiled by the Board of Governors of the Federal Reserve System and by each of the 12 Federal Reserve Banks for its district. These indexes are published monthly in the Federal Reserve Bulletin and also in the Survey of Current Business. Monthly and annual statistics on consumer credit are compiled by the Board of Governors of the Federal Reserve System and published currently in the Federal Reserve Bulletin. Financial data for corporations engaged in retail trade and filing income tax returns are published by the Bureau of Internal Revenue in its annual report, Statistics of Income. Financial statistics on corporations engaged in retail trade whose securities are listed on the national securities exchanges are available from the Securities and Exchange Commission.

**Service trades.**—Typical of the numerous current statistical reports on personal and business services compiled by private agencies are the Horwath Hotel Accountant, Interiors Ink, and National Advertising Records. Financial statistics of service businesses derived from corporation income tax returns are compiled and published annually by the Bureau of Internal Revenue in its annual report, Statistics of Income. The Bureau of Census compiles and publishes monthly statistics on trends in receipts of selected personal service trades nationally and in selected large cities and local areas, based on a sample of 3,000 establishments. Other current data on service trades are provided by the Bureau of Foreign and Domestic Commerce in its quarterly and annual estimates of consumption expenditures published in the Survey of Current Business.

**No. 1043.—MANUFACTURERS' SALES—DISTRIBUTION, BY PRIMARY CHANNELS,  
BY INDUSTRY GROUPS: 1929, 1935, AND 1939**

[No data are included for following classes of industries: (1) Those in which no sales were made, plants being maintained for purpose of making repairs; (2) those in which plants were engaged primarily in performing labor on materials owned by others so that their sales represented sales of services rather than commodities. This table is limited to industries for which 1929, 1935, and 1939 figures are directly comparable, whereas table 1044 covers all industries for which 1939 figures are available. For comparative purposes, data covering direct export are excluded]

INDUSTRY GROUP	TOTAL DISTRIBUTED SALES, 1939		DISTRIBUTED SALES, 1939, COMPARABLE WITH 1929 AND 1935		PERCENT OF DISTRIBUTED SALES MADE TO—		
					Own wholesale branches or offices		
	Amount (thousands of dollars)	Number of plants	Amount (thousands of dollars)	Number of plants	1929	1935	1939
<b>Total, all groups</b>	<b>47,207,641</b>	<b>143,223</b>	<b>23,905,968</b>	<b>104,474</b>	<b>17.5</b>	<b>21.7</b>	<b>23.6</b>
Food and kindred products	11,335,423	50,185	9,560,488	41,900	24.8	21.9	21.8
Tobacco manufactures	1,220,152	754	1,183,232	624	5.8	30.3	31.0
Textile-mill products and other fiber manufactures	3,408,339	8,003	2,495,524	3,678	12.6	8.2	10.5
Apparel and other finished products made from fabrics and similar materials	2,020,563	13,960	1,398,490	7,302	4.4	3.6	3.8
Lumber and timber basic products	1,067,886	10,044	1,054,789	10,030	4.9	7.1	8.6
Furniture and finished lumber products	1,231,981	8,330	975,294	8,152	4.5	5.0	5.5
Paper and allied products	1,742,359	3,088	1,722,342	3,001	3.8	10.7	14.9
Chemicals and allied products	3,683,992	8,900	1,394,198	4,816	11.1	20.3	23.1
Products of petroleum and coal	2,820,411	981	2,367,873	515	60.1	67.7	67.2
Rubber products	964,295	689	879,904	577	39.5	35.6	29.2
Leather and leather products	1,285,280	3,269	1,273,066	3,269	19.2	17.7	18.3
Stone, clay, and glass products	1,434,247	6,890	1,378,473	6,664	6.7	27.2	28.3
Iron and steel and their products (except machinery)	5,548,316	8,714	4,369,553	4,749		21.6	25.6
Nonferrous metals and their products	2,072,666	5,055	1,082,507	2,942	5.9	6.9	23.4
Electrical machinery	1,629,227	1,956	1,584,610	1,955	20.8	29.7	33.1
Machinery (except electrical)	3,162,064	7,897	597,150	1,874	10.0	17.1	20.2
Transportation equipment, except automobiles	314,062	194	41,473	36			.8
Miscellaneous industries	1,166,558	7,432	520,750	4,241	7.1	9.5	14.0

INDUSTRY GROUP	PERCENT OF DISTRIBUTED SALES MADE TO—continued								
	Own retail stores			Wholesalers and jobbers			Retailers for resale		
	1929	1935	1939	1929	1935	1939	1929	1935	1939
<b>Total, all groups</b>	<b>2.4</b>	<b>2.3</b>	<b>2.8</b>	<b>32.8</b>	<b>36.2</b>	<b>36.5</b>	<b>18.0</b>	<b>21.1</b>	<b>19.9</b>
Food and kindred products	3.2	4.0	5.3	31.6	27.1	26.3	11.1	33.5	34.8
Tobacco manufactures	.2	(?)	(?)	82.6	63.9	61.6	4.0	5.2	6.9
Textile-mill products and other fiber manufactures	.2	.1	.2	39.9	36.2	41.2	10.4	12.4	11.7
Apparel and other finished products made from fabrics and similar materials	4.5	5.4	7.1	22.2	15.0	16.7	52.2	58.9	59.0
Lumber and timber basic products	(?)	1.4	4.0	38.0	35.3	39.6	9.5	14.3	12.4
Furniture and finished lumber products	2.5	1.2	2.0	19.6	15.8	17.0	42.4	46.6	42.4
Paper and allied products			.4	39.1	30.9	30.5	5.3	6.7	5.7
Chemicals and allied products	1.3	.8	.4	39.0	28.9	30.1	14.3	14.3	12.1
Products of petroleum and coal	7.6	2.3	1.7	18.6	21.4	25.9	5.2	1.5	1.4
Rubber products	1.8	7.6	10.9	15.2	13.3	15.5	14.8	6.1	12.8
Leather and leather products	3.3	2.9	2.5	23.6	17.9	19.0	32.0	39.4	38.7
Stone, clay, and glass products	.1	.3	.9	46.2	20.8	21.1	4.5	14.6	11.9
Iron and steel and their products (except machinery)	.3	.3	.3	34.1	13.3	13.2	4.2	5.1	4.8
Nonferrous metals and their products	.3	.2	.4	27.6	20.7	21.2	8.2	10.7	7.8
Electrical machinery	2.9	1.0	1.3	32.3	34.4	33.5	6.2	7.2	8.7
Machinery (except electrical)	14.0	9.5	7.4	17.5	17.9	18.1	11.5	9.5	10.1
Transportation equipment, except automobiles				87.4	33.4	41.7	48.8	45.3	30.9
Miscellaneous industries	2.9	1.4	1.9	35.8	34.8	36.5	27.4	26.0	21.8

For footnotes, see next page.

#### 143.—MANUFACTURERS' SALES—DISTRIBUTION, BY PRIMARY CHANNELS, BY INDUSTRY GROUPS: 1929, 1935, AND 1939—Continued

INDUSTRY GROUP	PERCENT OF DISTRIBUTED SALES MADE TO— continued						PERCENT OF DIS- TRIBUTED SALES NE- GOTIATED THROUGH AGENTS, BROKERS, ETC.		
	Industrial, etc., users			Consumers at retail			1929	1935	1939
	1929	1935	1939	1929	1935	1939			
All groups.....	27.5	26.4	25.2	1.8	2.3	1.6	9.5	12.6	9.9
Kindred products.....	6.9	8.6	8.0	4.4	4.9	3.8	10.6	13.6	10.7
Manufactures.....	.1	.5	.5	.3	.1	(7)	1.7	.5	.5
Textile products and other fiber manu- factures.....	36.6	42.9	36.1	.3	.2	.3	28.7	43.8	25.7
Food and other finished products made of grains and similar materials.....	11.4	13.6	11.4	5.3	3.5	2.0	4.0	5.2	3.5
Wood and timber basic products.....	47.6	34.7	29.6	(7)	6.2	5.8	9.9	19.1	19.7
Wood and finished lumber products.....	28.8	28.8	29.0	2.2	2.7	2.5	13.5	10.4	7.3
Chemical and allied products.....	51.8	51.6	48.2	(7)	.1	.3	8.0	6.5	9.8
Chemical and allied products.....	32.0	33.9	31.5	2.3	2.3	2.8	15.9	14.9	10.5
Products of petroleum and coal.....	8.5	7.0	3.6	(7)	.1	.2	2.4	1.3	3.0
Other products.....	28.5	35.3	31.5	.2	.1	.1	2.6	2.2	2.2
Leather and leather products.....	21.5	21.9	21.4	.4	.2	.2	5.5	7.2	7.2
Textile and glass products.....	35.7	34.1	35.2	1.8	2.2	2.6	7.6	6.6	6.1
Metals and their products (except iron and steel).....	55.5	59.3	55.9	(7)	.4	.2	6.5	11.9	6.7
Metals and their products.....	56.4	60.6	44.2	1.6	.9	1.0	4.4	3.7	4.0
Machinery.....	37.4	27.1	25.1	.4	.6	.4	6.2	6.8	7.1
Machinery (except electrical).....	47.0	45.4	43.4	(7)	.6	.8	4.6	7.8	6.5
Transportation equipment, except auto- mobiles.....	13.8	21.3	17.5	(7)	(7)	.1	8.9	.5	5.0
Other industries.....	24.9	22.3	22.5	1.9	4.0	2.3	3.4	4.0	3.6

sales to or through wholesale branches and sales to retailers for resale were combined for the most sales to wholesalers and jobbers. <sup>2</sup> Includes sales to export intermediaries.

and with industrial, etc., users.

\* Includes 10.5 percent "sales to converters."

\* Combined with retailers.

Department of Commerce, Bureau of the Census; Census of Business, 1930, Vol. V, Distribution of  
 1930 Sales.

#### 44.—MANUFACTURERS' SALES—DISTRIBUTION, BY PRIMARY CHANNELS, BY INDUSTRY GROUPS: 1939

(Sales in millions of dollars. See headnote, table 1043)

INDUSTRY GROUP	Plants reporting	Total distributed sales and interplant transfers	Interplant transfers	DISTRIBUTED SALES MADE TO—		
				Total	Own wholesale branches or offices	Own retail stores
<b>All groups</b> .....	145,544	54,675.6	4,381.7	50,293.9	11,255.0	1,006.8
<b>Kindred products</b> .....	50,409	11,739.1	403.7	11,335.4	2,436.6	516.1
<b>Manufactures</b> .....	769	1,330.9	10.8	1,320.2	398.9	.4
<b>Oil products and other fiber manufactures</b> .....	5,160	3,678.2	269.9	3,408.3	388.5	6.2
<b>And other finished products made of rice and similar materials</b> .....	14,041	2,062.6	32.0	3,020.6	198.7	112.7
<b>And timber base products</b> .....	10,262	1,113.4	45.7	1,067.7	90.7	42.2
<b>And finished lumber products</b> .....	8,372	1,252.2	20.2	1,232.0	93.9	22.7
<b>And allied products</b> .....	3,254	2,034.9	292.6	1,742.4	257.1	6.0
<b>And allied products</b> .....	8,954	3,893.6	269.6	3,684.0	1,192.0	40.1
<b>Of petroleum and coal products</b> .....	989	3,043.2	222.8	2,820.4	1,684.9	40.5
<b>Of leather products</b> .....	395	985.8	21.5	964.3	278.5	95.7
<b>Of glass products</b> .....	3,287	1,373.5	88.3	1,285.3	231.8	31.4
<b>Of steel and their products (except iron)</b> .....	6,910	1,480.4	46.2	1,434.2	398.6	11.8
<b>Of iron and their products</b> .....	8,791	6,579.8	1,031.5	5,548.3	1,203.0	12.6
<b>Of metals and their products</b> .....	5,083	2,401.3	328.6	2,072.7	630.6	6.3
<b>Machinery</b> .....	1,996	1,775.3	146.1	1,629.2	525.1	19.2
<b>Except electrical</b> .....	7,918	3,244.3	82.2	3,162.1	657.4	49.0
<b>And automobile equipment</b> .....	1,309	4,190.4	1,104.2	3,086.2	399.3	11.5
<b>Equipment, except automobile</b> .....	194	318.9	4.5	314.1	2.4	.....
<b>Other industries</b> .....	7,463	1,187.6	21.0	1,166.6	189.0	22.3

**No. 1044.—MANUFACTURERS' SALES—DISTRIBUTION, BY PRIMARY CHANNELS,  
BY INDUSTRY GROUPS: 1939—Continued**

INDUSTRY GROUP	DISTRIBUTED SALES MADE TO—continued					
	Whole- salers and jobbers	Export interme- diaries	Retailers for resale	Export, direct to buyers in other countries	Indus- trial, etc., users	Consum- ers at retail
<b>Total, all groups</b> .....	<b>12,652.4</b>	<b>457.4</b>	<b>9,841.0</b>	<b>1,147.8</b>	<b>13,062.1</b>	<b>832.3</b>
Food and kindred products.....	3,304.4	53.0	3,677.3	98.9	836.4	412.7
Tobacco manufactures.....	812.4	.4	91.5	5.1	6.5	.9
Textile-mill products and other fiber manu- factures.....	1,357.7	12.2	545.7	18.5	1,057.4	19.0
Apparel and other finished products made from fabrics and similar materials.....	421.1	14.1	1,994.4	4.9	■	51.0
Lumber and timber basic products.....	398.6	18.8	131.1	12.9	312.2	31.3
Furniture and finished lumber products.....	213.4	5.6	513.4	7.5	344.5	21.0
Paper and allied products.....	519.1	10.0	97.9	16.0	831.5	4.9
Chemicals and allied products.....	731.8	21.9	823.6	62.4	1,211.5	100.4
Products of petroleum and coal.....	596.1	93.4	51.4	139.9	190.6	18.5
Rubber products.....	139.8	6.6	137.8	33.1	261.8	1.0
Leather and leather products.....	239.7	2.3	492.9	12.2	272.1	2.9
Stone, clay, and glass products.....	283.7	6.7	164.3	18.7	511.2	26.3
Iron and steel and their products (except ma- chinery).....	697.8	41.6	349.4	115.5	3,310.1	18.4
Nonferrous metals and their products.....	290.8	11.7	125.9	19.3	999.3	18.6
Electrical machinery.....	519.1	11.9	103.3	44.4	398.4	5.5
Machinery (except electrical).....	636.5	49.0	172.6	267.2	1,309.6	20.7
Automobiles and automobile equipment.....	1,117.7	69.7	753.4	119.4	607.7	7.4
Transportation equipment, except automo- biles.....	23.2	18.7	18.6	111.9	138.8	.5
Miscellaneous industries.....	338.5	6.9	201.3	39.1	343.4	21.0

INDUSTRY GROUP	PERCENT DISTRIBUTED SALES MADE TO—								
	Total	Own whole- sale branch- es or offices	Own retail stores	Whole- salers and job- bers	Ex- port inter- medi- aries	Re- tailers for resale	Ex- port, direct to buy- ers in other coun- tries	In- dus- trial, etc., users	Con- sum- ers at retail
Total, all groups.....	100.0	22.4	2.1	25.1	0.9	19.6	2.3	25.8	1.6
Food and kindred products.....	100.0	21.5	4.6	29.1	.5	22.4	.9	7.4	2.6
Tobacco manufactures.....	100.0	30.1	(1)	62.0	(1)	6.9	.4	.5	.1
Textile-mill products and other fiber manu- factures.....	100.0	11.4	.2	39.8	.4	16.1	.5	31.0	.6
Apparel and other finished products made from fabrics and similar materials.....	100.0	6.6	2.7	13.9	.5	66.0	.9	7.4	1.7
Lumber and timber basic products.....	100.0	8.5	4.0	37.3	1.3	12.3	1.2	29.2	5.7
Furniture and finished lumber products.....	100.0	7.6	1.8	17.3	.5	41.7	.6	28.0	2.5
Paper and allied products.....	100.0	14.8	.3	29.8	.6	5.6	.9	47.7	.3
Chemicals and allied products.....	100.0	32.3	1.1	19.9	.6	8.8	1.7	22.9	2.7
Products of petroleum and coal.....	100.0	59.7	1.4	21.2	3.4	1.3	5.0	6.8	.7
Rubber products.....	100.0	28.9	9.9	14.5	.7	13.3	3.4	29.2	1
Leather and leather products.....	100.0	13.0	2.4	18.6	.3	32.4	1.0	21.2	.2
Stone, clay, and glass products.....	100.0	27.8	.8	20.0	.5	11.5	1.3	35.6	2.3
Iron and steel and their products (except machinery).....	100.0	21.7	.2	12.6	.7	4.5	2.1	57.9	.3
Nonferrous metals and their products.....	100.0	30.4	.3	14.0	.6	6.1	.9	46.8	.9
Electrical machinery.....	100.0	32.2	1.2	31.9	.7	6.5	2.7	24.5	.3
Machinery (except electrical).....	100.0	20.8	1.6	20.1	1.5	5.5	8.4	41.4	.7
Automobiles and automobile equipment.....	100.0	12.9	.4	35.2	2.3	24.4	2.9	19.7	.3
Transportation equipment, except automo- biles.....	100.0	.8	—	7.4	5.9	5.9	35.6	44.3	.3
Miscellaneous industries.....	100.0	16.2	1.9	29.0	.8	17.3	2.3	29.9	1.5

\* Includes \$412,709,000 (12.1 percent) "Sales to converters."

† Less than one-tenth of 1 percent.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. V, Distribution of Manufacturers' Sales.

## No. 1045.—WHOLESALE TRADE—SALES AND STOCKS: 1920 TO 1947

[In millions of dollars]

YEAR	ALL ESTABLISHMENTS		NONDURABLE GOODS ESTABLISHMENTS		DURABLE GOODS ESTABLISHMENTS		Service and limited function wholesalers' sales
	Sales	Stocks end of period	Sales	Stocks end of period	Sales	Stocks end of period	
1920	66,983		49,213		17,770		29,288
1921	53,603						23,275
1922	40,568						17,600
1923	30,783						13,315
1924	30,032		24,238		5,794		12,891
1925	33,380						14,890
1926	42,803		32,702		10,011		18,350
1927	52,170	3,627	38,644	2,264	13,526	1,363	22,293
1928	57,609	3,890	42,188	2,236	15,421	1,654	25,028
1929	50,016	3,319	37,787	1,972	12,229	1,347	21,209
1930	55,208	3,549	40,182	2,105	15,104	1,444	23,642
1931							
1932	61,737	3,730	43,441	2,133	18,326	1,597	26,368
1933	63,569	4,607	65,765	2,790	27,804	1,901	34,164
1934	93,231	3,992	68,177	2,568	25,654	1,424	36,906
1935	99,290	3,985	78,098	2,549	21,192	1,416	40,164
1936	103,403	4,002	82,292	2,674	21,111	1,428	41,795
1937	105,386	4,276	83,640	2,684	21,746	1,591	43,262
1938	181,469	6,939	99,856	3,636	31,642	2,303	85,089
1939	164,976	7,469	113,452	4,194	41,524	3,305	63,362

x For 1929, 1933, 1935, and 1939, Department of Commerce, Bureau of the Census; Census of Business, d. II, Wholesale Trade. For other years, estimates by Department of Commerce, Bureau of Foreign and Domestic Commerce from official records (not published elsewhere).

## 1046.—WHOLESALE TRADE—SUMMARY, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1939

TYPE OF OPERATION AND KIND OF BUSINESS	Number of establishments	Sales (thousands of dollars)	Operating expenses, including pay roll (thousands of dollars)	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year) <sup>1</sup>	Total pay roll (thousands of dollars) <sup>1</sup>	Stocks on hand end of year, at cost (thousands of dollars)
Total	200,573	55,265,640	5,518,456	133,698	1,561,948	2,624,203	3,872,385
and limited-function wholesalers	101,627	23,641,924	3,023,627	72,150	933,239	1,529,898	2,653,420
olesale merchants	91,323	18,688,897	2,540,959	60,351	805,772	1,267,615	1,965,501
ntary group wholesalers	703	753,586	85,586	170	30,177	47,808	116,146
rters (textile)	631	425,167	41,162	287	9,190	21,069	63,806
ort merchants	586	778,001	59,537	360	9,414	18,848	83,259
rters	2,158	1,379,575	114,418	1,302	22,006	53,411	104,173
astrial distributors	1,471	729,650	121,687	183	40,489	71,011	153,163
and-carry wholesalers	1,198	108,902	5,994	772	2,360	2,535	7,412
p shippers or desk jobbers	937	474,891	30,360	386	5,148	14,490	703
on distributors	2,398	80,259	9,813	2,336	3,285	3,958	1,985
iller-cooperative warehouses	222	222,900	14,101	..	5,398	8,553	25,150
eturers' sales branches (with stock)	12,977	8,846,940	1,191,188	260	265,602	534,679	681,526
eturers' sales offices (without stock)	5,119	4,679,262	324,175	121	48,739	134,247	..
ne bulk stations and terminals	30,825	3,807,908	420,648	23,061	98,816	156,366	235,596
pendent bulk stations	6,357	2,627,674	70,126	5,292	21,808	30,900	27,877
mission stations	17,530	1,080,479	108,094	17,486	21,579	24,190	71,725
ry stations	6,053	1,739,676	205,199	271	47,828	87,983	106,287
perative bulk stations	665	2,37,962	5,057	..	2,146	2,946	2,525
tributing terminals	220	2,322,117	26,160	6	5,455	10,347	27,182
ed brokers	20,903	11,201,035	307,752	18,501	78,511	154,751	72,125
tion companies	649	434,283	14,062	790	10,205	7,838	2,038
ers (merchandise)	4,710	3,390,696	51,327	4,240	10,724	23,828	11,855
mission merchants	2,758	2,748,072	69,163	2,671	16,962	34,018	22,748
ort agents	654	571,449	10,591	437	5,034	8,306	3,836
ort agents	394	343,105	6,698	285	1,265	3,488	5,741
anufacturers' agents (with stocks)	1,907	252,056	29,372	1,376	8,332	16,937	11,894
anufacturers' agents (without stocks)	7,871	1,144,961	46,138	7,421	11,170	20,192	..
ag agents	1,487	1,741,777	64,132	956	11,466	23,740	12,910
r agents	473	574,637	10,269	416	3,343	6,392	1,063

<sup>1</sup> Salaries and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.  
 See taxes. \* Represents commissions only.

## No. 1046.—WHOLESALE TRADE—SUMMARY, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1939—Continued

TYPE OF OPERATION AND KIND OF BUSINESS	Num- ber of estab- lish- ments	Sales (thou- sands of dollars)	Operat- ing expenses incl. pay roll (thou- sands of dollars)	Active pro- pri- tors of unin- corpor- ated businesses	Employ- ees, full- time and part- time (average for year) <sup>1</sup>	Total pay roll (thou- sands of dollars) <sup>1</sup>	Stocks on hand, end of year, at cost (thou- sands of dollars)
<b>Assemblers (mainly farm products).....</b>	<b>29, 122</b>	<b>3, 088, 571</b>	<b>251, 068</b>	<b>19, 493</b>	<b>137, 041</b>	<b>114, 582</b>	<b>229, 718</b>
Assemblers of farm products.....	9, 866	792, 159	50, 432	10, 171	27, 614	20, 079	110, 519
Commission buyers.....	1, 523	121, 704	3, 941	1, 532	1, 872	1, 453	1, 844
Cooperative marketing associations.....	2, 583	611, 029	70, 048	-----	39, 676	34, 747	32, 729
Cooperative sales agencies.....	191	578, 939	17, 572	-----	4, 709	7, 996	16, 599
Cream stations.....	3, 870	48, 564	3, 901	3, 053	2, 448	1, 702	307
Country grain elevators:							
Independent.....	3, 180	271, 154	15, 975	2, 545	7, 572	7, 066	20, 101
Line.....	4, 061	226, 917	15, 877	474	8, 545	7, 711	23, 105
Cooperative.....	1, 843	196, 430	10, 828	-----	5, 018	5, 369	14, 739
Packers and shippers.....	2, 005	241, 675	62, 494	1, 718	39, 587	28, 459	9, 775
<b>SERVICE AND LIMITED-FUNCTION WHOLESALE</b>							
<b>Amusement and sporting goods.....</b>	<b>1, 342</b>	<b>151, 684</b>	<b>32, 000</b>	<b>864</b>	<b>9, 436</b>	<b>16, 449</b>	<b>22, 729</b>
Bicycles and supplies.....	45	5, 219	950	19	350	515	977
Cameras and photographic supplies.....	113	16, 019	3, 672	65	1, 035	1, 802	2, 942
Motion picture equipment and supplies (except films).....	66	10, 197	1, 596	15	439	797	1, 242
Motion picture film exchanges.....	214	27, 205	6, 843	64	1, 679	4, 127	2, 873
Sporting goods.....	231	36, 998	6, 855	118	2, 089	3, 331	6, 610
Toys, novelties, and fireworks.....	534	44, 524	9, 475	468	3, 011	4, 488	6, 070
All other.....	139	11, 522	2, 609	115	833	1, 389	2, 006
<b>Automotive.....</b>	<b>7, 964</b>	<b>1, 995, 286</b>	<b>218, 578</b>	<b>5, 236</b>	<b>72, 004</b>	<b>115, 136</b>	<b>154, 658</b>
Automobiles (new and used).....	572	1, 324, 214	66, 762	218	17, 391	32, 164	31, 853
Trucks and tractors.....	579	70, 024	11, 822	415	4, 005	6, 577	8, 900
Automotive accessories and equipment.....	2, 860	259, 846	60, 198	1, 851	22, 261	33, 156	50, 927
Automotive parts.....	3, 318	256, 748	67, 181	2, 245	24, 808	37, 374	51, 644
Tires and tubes.....	635	84, 454	12, 615	507	3, 539	5, 865	10, 644
<b>Beer, wines, and liquors.....</b>	<b>6, 232</b>	<b>1, 249, 164</b>	<b>161, 598</b>	<b>4, 507</b>	<b>45, 175</b>	<b>73, 677</b>	<b>121, 471</b>
Beer and ale.....	4, 812	502, 111	77, 363	3, 854	23, 365	31, 938	19, 869
Wines and liquors.....	1, 420	747, 053	84, 235	653	21, 810	41, 739	101, 602
<b>Chemicals and paints.....</b>	<b>1, 680</b>	<b>281, 002</b>	<b>49, 801</b>	<b>785</b>	<b>11, 891</b>	<b>24, 067</b>	<b>37, 619</b>
Dyestuffs.....	69	28, 486	4, 947	29	780	2, 570	2, 770
Explosives.....	49	2, 824	400	25	119	173	288
Industrial chemicals.....	287	112, 137	15, 204	87	2, 796	6, 947	10, 304
Naval stores.....	29	19, 177	2, 287	10	378	643	1, 459
Paints and varnishes.....	623	51, 608	11, 706	328	3, 432	5, 968	8, 166
Paints with glass and/or wallpaper.....	311	28, 675	7, 907	136	2, 591	4, 012	6, 229
All other.....	312	38, 095	7, 350	170	1, 795	3, 754	8, 403
<b>Clothing and furnishings.....</b>	<b>4, 178</b>	<b>700, 501</b>	<b>101, 023</b>	<b>3, 444</b>	<b>26, 125</b>	<b>49, 471</b>	<b>87, 039</b>
Clothing and furnishings (general line).....	446	64, 127	9, 524	428	3, 173	4, 912	11, 641
Men's and boys'.....	1, 180	152, 944	21, 682	1, 048	5, 791	10, 550	23, 467
Women's and children's.....	1, 110	225, 046	35, 078	819	8, 513	17, 200	19, 025
Furs, dressed, and fur clothing.....	501	63, 925	7, 672	455	1, 373	3, 422	7, 364
Millinery and millinery supplies.....	478	76, 204	11, 978	345	3, 458	5, 905	8, 401
Shoes and other footwear.....	463	118, 255	15, 089	349	3, 817	7, 482	17, 132
<b>Coal and coke.....</b>	<b>919</b>	<b>512, 835</b>	<b>41, 708</b>	<b>293</b>	<b>9, 485</b>	<b>19, 667</b>	<b>31, 641</b>
<b>Drugs (general line).....</b>	<b>297</b>	<b>363, 621</b>	<b>47, 410</b>	<b>39</b>	<b>16, 710</b>	<b>27, 504</b>	<b>56, 734</b>
Service wholesalers (without liquor).....	226	257, 456	34, 205	26	12, 020	19, 743	39, 989
Service wholesalers (with liquor).....	45	72, 329	9, 971	8	3, 261	5, 666	12, 251
Cooperatives and voluntary groups.....	26	33, 836	3, 234	5	1, 429	2, 095	4, 594
<b>Drugs and drug sundries (specialty lines).....</b>	<b>1, 321</b>	<b>157, 190</b>	<b>41, 614</b>	<b>774</b>	<b>10, 965</b>	<b>17, 525</b>	<b>29, 216</b>
Proprietary medicines.....	422	46, 302	9, 747	231	2, 883	4, 665	6, 209
Toiletries.....	387	49, 245	18, 579	172	5, 244	8, 411	5, 479
Drug specialties and sundries.....	512	61, 643	13, 288	371	2, 838	4, 449	8, 528
<b>Dry goods (general line).....</b>	<b>222</b>	<b>206, 963</b>	<b>31, 213</b>	<b>124</b>	<b>11, 635</b>	<b>18, 651</b>	<b>39, 328</b>
<b>Dry goods (specialty lines).....</b>	<b>3, 875</b>	<b>981, 468</b>	<b>115, 502</b>	<b>2, 831</b>	<b>29, 865</b>	<b>59, 632</b>	<b>148, 795</b>
Hosiery and lingerie.....	422	86, 204	9, 465	363	2, 483	4, 624	10, 049
Notions.....	973	113, 874	21, 913	731	7, 209	12, 330	19, 331
Piece goods:							
General line.....	54	18, 493	2, 652	47	712	1, 388	3, 353
Cotton.....	519	237, 647	24, 149	350	5, 797	12, 060	40, 432
Silk, linen, rayon, and velvet.....	801	301, 044	28, 309	487	6, 368	14, 440	39, 909
Woolen and worsted.....	366	97, 261	10, 874	285	2, 300	4, 692	13, 845
Other.....	407	89, 398	12, 091	279	3, 141	6, 369	15, 175
Other dry goods specialties.....	333	87, 547	6, 049	289	1, 855	3, 129	6, 701

<sup>1</sup> Employees and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.



## I.—WHOLESALE TRADE—SUMMARY, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1939—Continued

TYPE OF OPERATION AND KIND OF BUSINESS	Number of establishments	Sales (thousands of dollars)	Operating expenses, incl. pay roll (thousands of dollars)	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year) <sup>1</sup>	Total pay roll (thousands of dollars) <sup>1</sup>	Stocks on hand, end of year, at cost (thousands of dollars)
<b>AND LIMITED-FUNCTION DEALERS—continued</b>							
<b>Merchandise (general line)</b>	2,072	788,034	130,444	1,824	37,821	71,599	83,485
and equipment	455	300,377	40,271	49	11,704	23,635	20,069
and construction materials	207	24,214	5,490	124	1,083	2,097	2,039
equipment	955	126,738	22,143	565	7,140	12,053	17,048
and equipment (household)	668	112,435	21,313	438	6,081	10,853	13,575
	159	116,016	20,116	53	4,813	10,653	9,742
	628	106,242	21,327	326	6,368	11,306	13,098
<b>Raw materials</b>	2,086	1,628,706	112,166	1,849	24,597	37,871	284,679
	229	408,574	33,919	208	2,808	6,807	74,790
	397	522,447	25,475	210	5,224	6,885	94,216
and raw furs	686	193,668	14,740	530	3,579	6,564	24,569
hides	28	7,078	336	33	123	101	225
	107	8,490	1,076	103	876	347	280
	15	61,006	2,114	9	188	744	10,752
wool	191	86,480	13,084	124	8,086	6,855	32,258
wool	166	194,242	12,492	158	1,373	4,291	29,734
	267	126,692	8,872	200	2,748	3,477	17,853
<b>Consumer goods</b>	10,945	2,110,764	274,726	10,296	69,944	122,283	47,466
Meats	2,194	485,196	111,498	1,325	38,526	55,504	9,936
Poultry products	760	241,480	20,918	633	6,936	10,827	9,657
Poultry products	1,635	241,236	22,216	1,657	8,663	10,058	6,150
Vegetables (fresh)	3,449	990,528	108,828	5,762	36,391	50,766	20,172
only	905	146,965	10,701	892	4,150	4,825	1,261
	32	5,359	577	27	256	303	290
<b>Household goods</b>	1,477	333,544	45,248	1,075	14,405	19,784	44,587
	782	130,109	14,090	642	5,075	6,641	8,893
	99	37,827	5,580	61	613	1,126	7,694
	415	101,419	19,317	261	6,563	9,096	23,310
	181	64,399	6,261	111	2,134	3,021	4,981
<b>Household furnishings</b>	2,214	373,464	64,485	1,448	17,969	31,372	79,638
Ware, and crockery	339	36,777	9,266	208	2,592	4,773	7,004
Appliances	487	149,564	20,628	249	3,210	10,696	32,828
General (line)	49	10,476	2,197	26	754	1,157	1,615
Household	333	47,680	9,989	175	2,685	4,910	7,802
Office	81	3,052	526	36	156	255	290
Things (except as specified)	827	106,017	16,715	680	4,910	8,707	18,142
Drummers and sheet music	128	19,896	5,064	74	1,077	2,674	3,357
<b>General line</b>	3,942	2,185,736	206,862	1,568	78,975	112,922	300,018
Flag cooperative or voluntary	2,788	1,310,164	125,924	1,406	47,391	66,916	177,728
Group wholesalers	638	658,253	60,562	140	24,383	39,501	101,395
Operative warehouses	136	154,651	8,118		3,015	4,808	15,834
Dry depots	382	62,668	2,238	3	1,184	1,697	5,057
<b>Food (specialty lines)</b>	12,045	1,882,033	266,482	10,450	81,954	124,381	149,628
Meats	34	22,078	9,663	8	837	1,372	2,185
Spices	430	111,537	11,941	295	3,390	5,568	14,680
and spices	703	173,980	30,070	464	7,663	13,006	21,977
and spice grinding	306	136,968	28,616	162	7,974	12,909	16,761
	2,069	132,682	17,494	2,004	6,724	8,051	9,440
Almonds	1,182	131,248	26,069	961	8,549	12,236	6,601
	323	45,830	5,235	223	1,442	2,340	2,657
Vegetables (frozen)	32	8,447	832	24	238	402	309
Provisions	2,552	519,593	67,599	2,503	18,032	29,196	10,838
and grocery specialties	4,394	609,650	78,932	3,766	27,103	38,602	64,180
<b>Industrial goods</b>	1,343	592,000	106,924	607	39,423	64,556	146,595
(with industrial department)	409	396,746	72,037	76	26,299	43,553	98,909
(without industrial department)	363	142,794	25,310	143	9,404	14,749	35,894
	571	52,460	11,577	388	3,720	6,254	11,788

<sup>1</sup> and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.

No. 1046.—WHOLESALE TRADE—SUMMARY, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1939—Continued

TYPE OF OPERATION AND KIND OF BUSINESS	Num- ber of estab- lish- ments	Sales (thou- sands of dollars)	Operat- ing expenses, incl. pay roll (thou- sands of dollars)	Active proprie- tors of unincor- porated businesses	Employ- ees, full- time and part- time (average for year) <sup>1</sup>	Total pay roll (thou- sands of dollars) <sup>1</sup>	Stocks on hand, end of year, at cost (thou- sands of dollars)
<b>SERVICE AND LIMITED-FUNCTION WHOLE- SALEERS—continued</b>							
<b>Jewelry</b>	1,805	234,054	41,147	1,554	2,728	12,741	55,172
Jewelry (general line)	195	52,312	10,508	139	2,649	5,514	14,789
Clocks and watches	178	44,653	8,416	131	1,366	2,398	5,122
Diamonds and other precious stones	427	46,873	4,810	429	729	1,959	19,275
All other	1,005	80,216	17,251	855	4,982	8,870	16,916
<b>Lumber and construction materials</b>	2,303	504,392	122,530	1,496	35,951	43,029	89,305
Builders' supplies (general line)	189	67,778	10,722	74	4,051	5,822	8,426
Lumber	1,236	378,222	41,974	648	10,770	20,160	29,245
Lumber and millwork	154	50,379	7,401	51	2,384	4,147	6,187
Millwork	290	59,012	12,929	99	4,186	7,793	11,097
Brick, tile, and terra cotta	145	18,700	2,948	73	714	1,422	1,251
Cement, lime, and plaster	102	22,532	3,511	27	900	1,593	750
Glass	282	32,143	9,421	171	3,451	5,907	6,264
All other	915	174,634	33,724	845	9,495	16,115	17,008
<b>Machinery, equipment, and supplies</b>	5,743	1,291,692	257,594	5,501	78,309	140,672	296,684
Commercial equipment and supplies							
Office machines and equipment	216	22,291	5,215	157	2,192	2,938	2,184
Restaurant and hotel supply houses	428	48,296	11,406	322	3,936	6,218	8,192
Garage and filling station equipment	169	9,877	2,537	127	854	1,339	1,327
Soda fountain equipment and supplies	29	1,846	481	24	128	183	201
Store machines	49	2,961	454	42	170	232	221
Store fixtures and equipment	401	30,790	5,528	230	1,847	2,158	2,332
All other	341	30,759	6,516	221	2,145	3,602	3,095
Farm and dairy							
Dairy equipment	109	19,705	3,606	61	967	1,894	2,072
Farm implements	21	2,965	649	14	237	385	625
Farm machinery and equipment	169	35,725	5,927	88	1,542	2,613	4,793
Industrial machinery, equipment, and supplies							
Industrial (general line)	116	70,267	13,230	27	4,094	7,776	12,814
Belting, hose, and packing	211	18,837	4,576	95	1,273	2,568	2,216
Construction (except road building)	153	23,943	5,422	49	1,602	3,266	4,655
Road building	251	72,613	14,003	95	3,420	7,289	11,247
Machine tools	128	27,009	4,428	78	1,082	2,473	2,140
Mine and mill supplies	415	90,851	19,110	167	5,871	10,583	18,173
Oil well supply houses	896	179,770	18,827	218	5,137	9,342	31,316
Power plant and power transmission	89	11,632	2,110	40	631	1,291	1,359
Printing and lithographing (except paper)	157	12,797	2,734	106	1,296	2,277	1,968
Rope, cordage, and twine	57	13,441	1,916	21	501	1,023	1,408
Textile	54	10,359	2,308	49	667	1,223	1,706
Used machinery and equipment	290	16,125	4,835	250	1,423	2,191	3,606
All other	1,575	180,158	36,330	942	10,689	19,970	26,013
Professional equipment and supplies							
Dental supply houses	330	33,788	9,874	156	3,400	5,567	8,054
Religious supply houses	94	8,325	2,279	73	720	1,220	2,281
School equipment and supplies	129	22,271	5,515	72	1,927	2,833	3,630
Surgical, medical, and hospital	363	51,512	13,624	183	4,233	8,237	9,199
All other	117	14,642	3,503	58	1,175	2,071	3,030
Service equipment and supplies:							
Barber and beauty supply houses	659	44,593	14,492	677	5,112	7,346	9,000
Laundry and dry cleaning	206	35,091	7,257	82	1,831	3,791	3,691
Tailors' supplies	64	2,809	565	67	203	290	526
Undertakers' supplies	107	4,545	1,277	66	417	616	741
Upholsterers' supplies	210	29,717	6,972	114	1,912	3,552	6,611
All other	607	35,608	8,583	444	3,111	4,908	5,909
Transportation equipment and sup- plies							
Aircraft and aeronautical	13	18,039	1,114	1	305	580	1,439
Railroad	68	25,055	6,004	19	854	2,932	3,214
Marine	169	21,020	4,284	62	1,295	2,407	4,285
Other	14	908	223	7	84	114	295

<sup>1</sup> Employees and payroll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.

**—WHOLESALE TRADE—SUMMARY, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1939—Continued**

TYPE OF OPERATION AND KIND OF BUSINESS	Number of establishments	Sales (thousands of dollars)	Operating expenses, including pay roll (thousands of dollars)	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year) <sup>1</sup>	Total pay roll (thousands of dollars) <sup>1</sup>	Stocks on hand, end of year, at cost (thousands of dollars)
<b>UNITED-FUNCTION WHOLESALE—continued</b>							
General work (except scrap).....	1,017	515,975	61,450	479	15,390	32,630	63,741
General work.....	135	12,289	2,709	95	1,003	1,432	1,779
General products (general line).....	96	129,442	17,515	30	4,547	9,558	16,385
General products (semifinished).....	63	15,337	2,727	20	553	1,463	2,403
General products (flat).....	204	73,992	14,574	69	3,803	7,465	15,016
General products.....	65	7,147	1,545	38	431	777	1,202
General finished products, n. e. c. ....	290	55,533	11,641	157	3,427	6,372	9,757
.....	38	49,545	2,050	19	455	1,003	3,813
.....	128	161,990	8,809	51	2,071	4,390	13,384
Products.....	2,898	574,973	99,217	1,493	30,913	56,490	74,846
Coarse paper and products.....	1,675	297,438	51,255	1,126	16,437	29,129	42,108
Writing papers.....	427	210,261	29,880	121	8,163	17,785	22,137
Stationery supplies.....	515	46,551	11,149	330	4,189	6,378	5,932
.....	291	20,723	6,933	116	2,124	3,220	4,389
Its products.....	1,275	196,734	25,397	817	6,530	11,528	16,498
Heating equipment and.....	2,225	379,975	69,952	1,036	21,954	37,474	63,181
General heating (general line).....	675	185,102	32,118	207	10,243	17,206	31,590
Boiling stoves and ranges.....	368	36,058	8,581	190	2,648	4,609	4,587
Boilers, equipment, and.....	927	134,095	23,366	506	7,350	12,407	24,147
.....	255	24,720	5,887	133	1,715	3,252	2,857
Products (except leaf).....	2,717	1,196,215	54,074	2,337	18,430	28,946	43,427
Leaf.....	6,059	656,000	95,470	5,958	42,020	46,040	57,201
Scrap.....	1,869	334,136	42,382	1,741	15,869	18,949	22,808
General (general line).....	1,893	93,031	17,251	2,060	9,642	8,330	10,434
Rags, and rubber.....	1,124	135,305	25,131	1,002	11,682	13,169	13,576
Materials.....	395	50,137	5,239	361	2,079	2,849	4,425
.....	774	42,391	5,467	772	2,808	3,043	5,958
.....	5,431	1,387,697	145,814	3,814	48,244	77,714	142,124
Feeds, and newspapers.....	866	168,572	30,662	497	12,546	17,388	9,300
Nursery stock.....	734	42,987	8,634	679	2,901	4,365	2,426
Feeds (except lumber).....	694	49,794	8,047	505	3,308	4,196	5,467
Handlase.....	156	515,937	29,616	93	9,256	16,068	34,210
Shoe findings.....	955	116,352	14,892	606	3,994	6,914	20,842
.....	145	13,678	2,783	96	883	1,664	2,397
Feeds (animal and vegetable).....	87	71,051	5,529	31	844	2,457	9,686
.....	572	42,317	15,176	225	6,289	9,607	6,620
Materials (other than dry.....	301	51,782	5,971	264	2,453	3,406	8,232
.....	181	73,797	6,571	120	1,370	2,014	9,719
in kinds of business.....	840	241,330	17,033	498	4,400	8,635	33,306
<b>SALES BRANCHES (WITH STOCKS)</b>							
General sporting goods.....	398	270,825	34,746	2	12,154	21,206	13,831
.....	937	725,709	86,277	12	22,417	45,960	75,419
General liquors.....	409	274,265	52,285	5	6,341	15,532	10,510
Paints.....	663	556,135	82,480	9	13,995	33,163	44,524
Brushings.....	297	300,302	39,108	59	8,071	15,151	32,929
.....	6	8,461	1,279	—	250	455	1,364
General sundries.....	237	202,097	55,432	4	8,439	18,269	19,007
Specialty lines.....	213	210,082	23,519	17	5,624	13,036	29,319
.....	393	643,067	49,106	4	12,546	29,274	29,266
General—consumer goods.....	610	199,200	34,299	3	6,619	11,321	11,313
.....	122	52,472	7,184	6	1,501	2,723	2,857
Home furnishings.....	285	131,625	18,436	4	3,975	8,634	11,724
Specialty (specialty lines).....	2,592	2,333,306	259,640	31	57,074	104,219	93,974
.....	98	24,412	4,804	—	1,459	2,728	3,481
.....	31	58,478	4,055	1	879	2,183	3,303
Construction materials.....	353	238,475	33,618	13	9,286	16,350	23,484
Equipment, and supplies.....	3,333	976,454	192,008	45	53,546	106,340	135,634
General work (except scrap).....	481	460,922	38,680	2	9,634	19,492	52,412
Products.....	317	177,454	29,303	1	6,051	12,183	14,361
Its products.....	56	21,262	4,596	—	894	2,236	2,466
Heating equipment and.....	519	251,633	39,037	9	10,115	18,479	30,433
Products (except leaf).....	44	446,489	62,051	6	4,353	8,437	11,769
.....	583	281,808	38,805	27	9,739	20,278	27,706

<sup>1</sup>and pay roll include paid executives of corporations but not number and compensation of unincorporated businesses.

## No. 1046.—WHOLESALE TRADE—SUMMARY, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1939—Continued

TYPE OF OPERATION AND KIND OF BUSINESS	Number of establishments	Sales (thousands of dollars)	Operating expenses, including pay roll (thousands of dollars)	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year) <sup>1</sup>	Total pay roll (thousands of dollars) <sup>1</sup>	Stocks on hand end of year, at cost (thousands of dollars)
<b>MANUFACTURERS' SALES OFFICES (WITHOUT STOCKS)</b>							
Amusement and sporting goods.....	65	49,731	5,727	—	1,492	3,156	—
Automotive.....	89	65,369	6,842	—	870	2,308	—
Beer, wines, and liquors.....	89	132,530	17,738	—	1,647	4,541	—
Chemicals and paints.....	181	248,997	39,683	7	4,038	11,188	—
Clothing and furnishings.....	241	121,306	12,309	63	2,156	6,440	—
Coal and coke.....	5	10,199	453	—	56	243	—
Drugs and drug sundries.....	54	50,153	11,166	6	1,041	2,083	—
Dry goods (specialty lines).....	131	220,664	11,877	6	2,019	6,079	—
Electrical goods.....	252	217,758	10,252	8	1,727	5,475	—
Farm products—consumer goods.....	73	21,582	2,206	2	325	548	—
Farm supplies.....	20	11,696	827	—	142	422	—
Furniture and house furnishings.....	131	67,840	6,836	12	989	2,878	—
Groceries and foods (specialty lines).....	610	246,378	60,514	3	7,391	15,908	—
Hardware.....	55	16,088	1,357	2	230	713	—
Jewelry.....	29	9,569	628	4	103	446	—
Lumber and construction materials.....	334	280,790	27,520	4	4,489	12,777	—
Machinery, equipment, and supplies.....	1,094	506,669	41,390	6	7,658	21,928	—
Metals and metal work (except scrap).....	530	1,647,674	34,598	—	6,003	19,077	—
Paper and its products.....	309	187,434	10,263	1	2,002	6,442	—
Petroleum and its products.....	21	19,620	3,809	—	306	992	—
Plumbing and heating equipment and supplies.....	210	41,789	5,631	1	1,116	2,781	—
Tobacco and products (except leaf).....	136	279,863	3,118	1	1,074	2,131	—
All other products.....	287	140,466	9,439	4	1,876	4,727	—
<b>PETROLEUM BULK STATIONS AND TERMINALS</b>							
Petroleum and its products.....	30,825	3,807,908	420,646	23,061	98,816	158,306	235,596
<b>AGENTS AND BROKERS</b>							
Amusement and sporting goods.....	192	20,068	1,497	172	336	613	380
Automotive.....	331	121,426	3,845	289	846	1,856	648
Beer, wines, and liquors.....	102	30,051	1,187	79	270	471	861
Chemicals and paints.....	331	116,246	5,000	242	947	2,614	1,127
Clothing and furnishings.....	1,409	439,389	13,895	1,375	3,601	6,267	1,073
Coal and coke.....	305	404,269	17,633	77	2,752	8,265	3,010
Drugs and drug sundries.....	147	34,546	3,005	114	760	1,518	392
Dry goods (general line).....	27	219,694	2,136	24	724	1,474	105
Dry goods (specialty lines).....	1,470	1,453,117	39,706	1,392	6,833	20,879	5,267
Electrical goods.....	837	130,532	7,098	737	1,855	3,342	680
Farm products—raw materials.....	3,091	2,980,657	51,413	3,876	21,136	34,450	23,653
Farm products—consumer goods.....	1,287	731,026	27,134	1,113	6,750	13,339	3,296
Farm supplies.....	198	108,108	2,600	145	525	1,349	315
Furniture and house furnishings.....	789	100,956	6,602	713	1,744	3,206	682
Groceries and foods (specialty lines).....	2,729	2,085,424	36,879	2,422	8,185	17,781	12,258
Hardware.....	392	61,890	2,928	361	757	1,365	399
Jewelry.....	210	18,737	916	204	156	320	221
Lumber and construction materials.....	944	213,700	10,833	752	2,261	4,928	709
Machinery, equipment, and supplies.....	2,890	366,685	32,641	2,361	8,499	18,363	6,299
Metals and metal work (except scrap).....	608	369,125	7,648	522	1,611	3,990	3,135
Paper and its products.....	470	98,607	5,043	362	1,097	2,694	777
Petroleum and its products.....	146	91,930	2,590	88	386	1,128	78
Plumbing and heating equipment and supplies.....	512	53,200	3,865	450	1,052	1,841	626
Tobacco and products (except leaf).....	25	16,135	577	32	372	207	134
Waste materials.....	121	74,181	3,032	82	350	1,152	1,296
All other products.....	1,340	911,286	21,271	1,126	4,798	10,699	4,652
<b>ASSEMBLERS (MAINLY FARM PRODUCTS)</b>							
Farm products—raw materials.....	15,639	1,809,317	86,069	5,776	43,368	39,864	195,596
Farm products—consumer goods.....	12,132	1,148,158	143,775	9,444	76,777	65,867	21,711
Farm supplies.....	482	35,283	3,501	444	1,589	1,406	3,799
Groceries and foods (specialty lines).....	819	92,618	17,309	804	13,093	8,141	8,211
All other products.....	50	3,195	424	25	214	284	411

<sup>1</sup> Employees and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. II, Wholesale Trade.

No. 1047.—WHOLESALE TRADE—SUMMARY FOR 27 CITIES: 1939

expenses, pay roll, and stocks in thousands of dollars. The wholesale-trade centers covered in the following table were selected on the basis of their volume of wholesale trade in 1935]

City	Number of establishments	SALES		Operating expenses (including pay roll)	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year) <sup>1</sup>	PAY ROLL <sup>1</sup>			Stocks on hand, end of year, at cost
		Amount	Per cent gain over 1935				Total	Full-time	Part-time	
Atlanta, Ga.	989	465, 115	41. 6	50, 592	489	12, 473	22, 215	21, 977	238	27, 121
Baltimore, Md.	1, 664	578, 628	36. 3	58, 009	1, 219	17, 715	28, 222	27, 696	526	35, 053
Boston, Mass.	3, 361	1, 634, 784	23. 0	150, 025	1, 737	26, 299	75, 002	73, 974	1, 028	107, 799
Chicago, N. Y.	1, 021	430, 270	22. 9	38, 332	527	10, 639	19, 989	19, 741	248	27, 014
Chicago, Ill.	7, 799	4, 080, 415	24. 8	396, 914	4, 743	95, 494	190, 205	188, 073	2, 132	204, 908
Cincinnati, Ohio.	1, 533	647, 187	35. 6	56, 965	995	14, 472	27, 170	26, 810	360	33, 292
Cleveland, Ohio.	2, 226	946, 653	39. 0	89, 402	1, 077	23, 539	47, 127	46, 357	770	44, 601
Dallas, Tex.	1, 043	475, 454	16. 1	52, 073	577	13, 018	21, 741	21, 431	310	51, 617
Denver, Colo.	993	340, 989	30. 4	33, 764	636	9, 930	16, 408	16, 193	215	19, 845
Detroit, Mich.	2, 763	1, 304, 451	37. 2	102, 770	1, 811	27, 350	53, 937	53, 384	553	48, 335
El Paso, Tex.	845	457, 911	38. 3	44, 617	419	10, 904	18, 980	18, 523	457	43, 576
Indianapolis, Ind.	846	374, 483	22. 3	32, 925	475	10, 056	17, 268	17, 041	227	18, 470
St. Louis City, Mo.	1, 474	762, 069	17. 3	67, 301	947	17, 829	31, 141	30, 587	554	44, 254
Los Angeles, Calif.	4, 808	1, 285, 265	36. 8	146, 250	3, 758	41, 411	73, 751	72, 439	1, 312	102, 682
Memphis, Tenn.	675	433, 254	13. 7	32, 478	461	8, 937	13, 675	13, 454	221	36, 847
Madison, Wis.	1, 455	412, 366	19. 6	41, 993	707	12, 607	22, 824	22, 534	290	30, 178
Indianapolis and St. L. Minn. (combined)	1, 995	941, 390	19. 4	91, 607	1, 162	24, 154	43, 571	42, 990	581	95, 677
Newark, N. J.	1, 006	397, 832	47. 4	45, 828	501	13, 000	24, 328	24, 009	229	25, 654
New Orleans, La.	1, 022	437, 639	7. 8	42, 929	556	14, 424	21, 440	20, 853	587	44, 865
New York, N. Y.	24, 042	12, 954, 252	34. 7	1, 148, 338	15, 827	241, 405	544, 796	540, 154	4, 642	776, 429
Omaha, Nebr.	678	390, 754	13. 4	27, 910	397	8, 131	13, 146	12, 987	159	20, 586
Philadelphia, Pa.	4, 073	1, 622, 100	22. 4	157, 478	3, 190	42, 257	77, 824	76, 629	1, 195	94, 677
Pittsburgh, Pa.	1, 745	832, 069	33. 9	79, 099	1, 191	20, 787	39, 519	38, 932	587	37, 061
Portland, Oreg.	956	317, 326	18. 9	35, 293	433	10, 337	18, 196	17, 800	396	28, 351
St. Paul, Mo.	2, 663	1, 164, 102	31. 9	128, 315	1, 464	34, 367	61, 253	60, 797	456	89, 425
San Francisco, Calif.	3, 359	1, 377, 614	24. 4	161, 366	2, 643	34, 612	70, 999	69, 741	1, 258	112, 678
Seattle, Wash.	1, 500	451, 292	36. 9	50, 438	746	13, 449	24, 957	24, 436	521	33, 578

employers and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses  
Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. II, Wholesale Trade.

1048.—WHOLESALE TRADE—EMPLOYMENT BY SIZE OF ESTABLISHMENT, BASED ON NUMBER EMPLOYED: 1939

NUMBER OF EMPLOYEES PER ESTABLISHMENT	ESTABLISHMENTS		Number of employees
	Number	Percent of total	
Total.....	200, 573	100. 0	1, 561, 948
One.....	1, 396	. 7	264, 845
Two.....	16, 060	8. 0	604, 226
Three.....	20, 581	10. 3	278, 402
Four.....	8, 597	4. 3	72, 643
Five.....	14, 712	7. 3	94, 737
Six.....	23, 218	11. 6	102, 979
Seven.....	18, 762	9. 4	56, 044
Eight.....	25, 729	12. 8	51, 153
Nine.....	39, 558	19. 7	36, 919
Ten and over.....	31, 960	15. 9	.....

Based on monthly average basis.  
Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. II, Wholesale Trade.

## No. 1049.—WHOLESALE TRADE—SUMMARY, BY STATES: 1929, 1935, AND 1939

DIVISION AND STATE	NUMBER OF ESTABLISHMENTS			SALES (THOUSANDS OF DOLLARS)			OPERATING EXPENSES, INCLUDING PAY ROLL (THOUSANDS OF DOLLARS)		
	1929	1935	1939	1929	1935	1939	1929	1935	1939
<b>United States</b> .....	168,520	175,756	200,572	66,383,024	42,802,913	55,265,640	6,025,583	4,162,480	5,519,486
<b>New England</b> .....	9,756	9,580	10,107	4,005,910	2,528,497	3,171,487	418,535	265,606	339,782
Maine.....	984	970	1,032	175,853	127,840	155,848	23,516	17,225	22,304
New Hampshire.....	325	363	363	60,500	54,069	64,263	8,100	6,562	8,224
Vermont.....	308	344	383	57,393	53,567	57,112	6,876	7,295	7,778
Massachusetts.....	6,038	5,739	5,960	2,048,372	1,808,345	2,232,117	295,127	173,736	225,460
Rhode Island.....	734	683	752	275,357	180,597	239,013	28,077	21,307	25,175
Connecticut.....	1,365	1,481	1,607	488,435	306,078	413,134	56,839	39,481	50,632
<b>Middle Atlantic</b> .....	39,945	40,392	45,370	22,702,703	14,296,623	18,931,269	1,960,369	1,354,970	1,804,896
New York.....	26,202	26,915	30,389	17,143,753	10,846,966	14,506,479	1,416,070	1,005,722	1,327,329
New Jersey.....	2,334	3,025	3,531	935,521	708,645	1,075,302	110,901	90,195	131,758
Pennsylvania.....	10,509	10,452	11,450	4,623,429	2,741,012	3,347,488	433,398	269,053	345,006
<b>E. North Central</b> .....	32,058	35,638	40,634	13,445,712	8,709,015	11,228,015	1,312,127	834,317	1,090,196
Ohio.....	8,035	9,086	9,588	2,925,525	2,028,552	2,630,764	297,895	211,260	263,441
Indiana.....	3,726	4,333	4,842	888,816	654,917	847,035	82,615	64,391	87,433
Illinois.....	11,556	12,009	14,498	6,075,726	3,937,809	4,908,766	652,324	355,797	481,305
Michigan.....	5,239	6,065	6,908	2,027,341	1,410,767	1,926,474	181,373	132,112	181,762
Wisconsin.....	3,502	4,145	4,798	928,304	677,170	824,956	97,910	72,657	85,235
<b>W. North Central</b> .....	28,629	29,524	33,124	8,454,665	4,786,928	5,806,272	855,480	431,591	542,880
Minnesota.....	5,243	5,095	6,400	1,667,535	1,168,413	1,458,224	127,248	102,970	130,412
Iowa.....	4,946	5,063	5,802	1,043,315	627,795	790,518	80,817	51,254	69,068
Missouri.....	6,649	6,691	7,649	3,306,536	1,811,544	2,261,256	291,876	179,001	227,984
North Dakota.....	2,616	2,435	2,682	261,131	133,808	170,252	19,646	14,374	16,606
South Dakota.....	1,972	1,899	2,022	236,066	99,262	133,306	16,517	12,267	12,706
Nebraska.....	2,886	3,122	3,391	1,053,441	527,719	506,975	61,282	37,672	43,270
Kansas.....	4,315	4,621	5,130	886,611	398,387	427,651	57,876	34,093	40,443
<b>South Atlantic</b> .....	15,592	15,367	17,426	4,485,643	3,406,153	4,566,652	415,194	338,546	431,127
Delaware.....	286	262	318	118,087	106,300	157,474	7,329	10,061	21,856
Maryland.....	2,196	2,316	2,464	711,412	496,017	688,989	70,203	51,880	69,647
Dist. of Columbia.....	402	629	753	223,401	242,729	347,772	23,583	23,993	33,411
Virginia.....	2,331	2,123	2,432	621,139	502,951	627,632	64,293	49,021	70,696
West Virginia.....	1,127	1,251	1,424	341,423	231,076	284,106	36,751	26,956	35,939
North Carolina.....	2,403	2,458	2,869	695,118	555,396	831,251	58,640	43,795	70,346
South Carolina.....	1,539	1,422	1,450	333,528	267,122	297,211	22,036	17,734	22,991
Georgia.....	3,175	2,667	3,032	997,447	695,272	806,238	77,187	58,005	80,481
Florida.....	2,041	2,230	2,696	444,078	399,290	525,889	55,172	46,521	75,756
<b>E. South Central</b> .....	7,719	7,694	8,128	2,496,685	1,609,687	1,964,803	188,551	136,436	180,506
Kentucky.....	2,024	2,057	2,174	500,389	379,567	464,432	46,980	35,391	40,833
Tennessee.....	2,246	2,626	2,656	1,044,945	745,609	839,520	73,349	57,268	66,911
Alabama.....	1,737	1,668	1,943	566,403	304,549	415,688	45,368	29,780	41,049
Mississippi.....	1,712	1,243	1,425	384,948	179,902	245,154	22,874	14,037	19,767
<b>W. South Central</b> .....	17,526	16,058	18,479	4,739,143	2,696,574	3,457,385	370,047	251,415	339,691
Arkansas.....	2,045	1,504	1,785	366,510	180,309	248,916	25,368	16,761	21,826
Louisiana.....	1,726	2,131	2,391	630,966	580,290	706,402	68,063	55,493	66,065
Oklahoma.....	4,168	3,668	3,998	769,696	404,465	461,519	63,878	36,221	46,213
Texas.....	9,587	7,753	10,296	2,771,972	1,531,540	2,040,548	212,738	142,940	205,587
<b>Mountain</b> .....	5,777	6,413	7,300	1,173,687	847,030	1,068,587	114,112	68,455	119,975
Montana.....	1,243	1,254	1,336	158,227	121,641	130,584	14,343	11,988	13,523
Idaho.....	673	954	989	97,157	82,195	105,510	9,638	9,380	12,421
Wyoming.....	263	237	397	34,661	25,698	37,031	3,534	2,866	3,994
Colorado.....	2,075	1,884	2,296	539,826	324,382	435,126	48,853	30,868	44,356
New Mexico.....	315	397	542	83,143	45,579	66,387	6,119	4,583	7,767
Arizona.....	356	541	607	97,024	78,046	96,528	11,081	9,247	12,633
Utah.....	736	858	957	180,101	154,189	194,172	20,367	17,049	21,328
Nevada.....	96	168	176	13,718	15,300	23,249	1,719	2,375	3,085
<b>Pacific</b> .....	13,718	17,190	19,932	5,478,906	3,922,436	5,049,170	591,197	480,221	612,419
Washington.....	2,588	3,233	3,584	959,164	603,740	767,731	102,866	68,709	91,983
Oregon.....	1,437	1,615	1,934	665,196	343,443	441,310	51,038	36,550	49,366
California.....	9,693	12,342	14,414	4,054,546	2,975,253	3,840,129	437,293	354,962	471,116



1.—WHOLESALE TRADE—SUMMARY, BY STATES: 1929, 1935, AND 1939—  
Continued

ST.	ACTIVE PROPRIETORS OF UNINCORPORATED BUSINESSES			EMPLOYEES, FULL-TIME AND PART-TIME (AVERAGE FOR YEAR) 1			TOTAL PAY ROLL (THOU- SANDS OF DOLLARS) 2			STOCKS ON HAND, END OF YEAR, AT COST (THOU- SANDS OF DOL- LARS)
	1929	1935	1939	1929 3	1935 3	1939 3	1929	1935	1939	1939
Ala.	90,740	97,235	123,698	1,510,494	1,280,553	1,561,948	2,962,774	2,022,262	2,624,203	3,872,385
Ark.	4,897	5,166	5,476	106,152	81,521	94,124	203,553	134,822	168,819	237,973
Cal.	542	504	608	7,214	8,271	7,286	11,202	8,427	10,135	18,132
Col.	182	172	198	2,265	2,149	2,524	3,557	3,044	3,735	5,184
Conn.	192	140	209	1,598	2,158	2,354	2,899	2,982	3,434	5,140
Del.	2,849	3,215	3,190	70,142	51,888	59,155	143,777	90,110	112,302	154,895
Fla.	432	369	456	7,616	6,328	7,430	14,534	9,936	12,436	20,993
Ga.	701	766	815	17,117	12,727	15,375	27,504	20,353	26,378	33,538
Idaho	24,434	25,436	30,176	410,399	351,565	428,388	952,754	662,736	865,077	1,179,702
Ill.	17,136	16,620	19,577	274,890	243,120	292,807	683,265	487,139	631,626	897,701
Ind.	1,189	1,570	1,928	26,578	26,360	36,600	54,648	43,225	64,412	77,354
Iowa	6,119	7,240	8,671	109,122	62,049	98,972	214,841	132,372	169,140	204,647
Kan.	16,315	19,732	26,829	334,833	262,920	306,291	676,977	429,040	535,306	645,976
La.	4,104	5,323	6,021	79,075	68,394	75,975	151,481	109,535	132,423	150,867
Me.	2,180	2,183	3,354	24,311	23,263	28,555	42,531	32,469	42,844	58,079
Mass.	6,943	6,611	9,555	138,043	104,740	122,741	338,395	182,089	228,407	257,764
Mich.	2,545	3,580	4,877	44,584	41,587	52,202	94,062	65,653	88,969	105,907
Minn.	1,543	2,035	3,017	28,820	24,936	26,728	50,518	37,394	42,663	73,368
Mo.	12,331	13,745	21,845	187,276	144,219	166,649	322,642	208,758	250,878	440,243
Neb.	2,329	2,585	4,077	36,054	32,079	37,523	62,428	49,564	60,716	130,766
N.J.	2,560	2,619	4,307	26,748	19,753	24,120	40,539	25,515	32,068	47,996
N.M.	3,088	3,740	5,202	77,329	56,576	64,373	144,167	87,796	108,362	157,564
N.Y.	827	588	1,300	5,917	4,935	5,901	9,935	6,388	7,195	22,604
Pa.	444	534	1,100	5,362	4,478	4,697	8,614	5,469	5,631	12,175
R.I.	1,551	1,603	2,334	16,882	13,672	15,038	28,047	17,892	20,723	35,464
S.D.	2,332	2,076	3,521	18,994	12,726	14,997	28,612	16,125	18,163	41,674
S.E.	8,973	8,546	11,789	122,630	117,143	172,021	197,200	154,884	222,078	361,614
Tenn.	200	148	189	2,118	1,899	2,946	3,778	3,175	6,018	4,562
Tex.	1,512	1,744	1,906	21,712	19,164	23,533	32,752	25,456	33,412	41,557
Va.	267	327	437	6,756	8,274	10,250	12,666	13,810	18,388	18,255
W.D.	1,027	1,065	1,500	20,139	18,846	28,236	29,575	23,751	33,971	75,272
W.Va.	563	617	757	10,047	8,835	11,525	19,216	19,161	17,153	26,269
Wis.	1,625	1,460	2,075	15,745	16,980	30,347	25,679	20,456	33,838	85,248
Wyo.	1,053	809	1,102	6,113	6,128	8,241	10,535	7,630	9,904	16,312
Uninc.	1,900	1,371	2,094	21,275	18,444	24,501	30,728	25,601	34,899	53,143
Total	828	1,005	1,699	18,725	18,573	32,442	26,271	21,845	34,405	40,995
Del.	4,916	4,329	6,292	58,368	51,445	63,900	94,377	65,345	82,116	197,438
Fla.	1,437	1,240	1,673	17,725	15,765	19,499	25,572	18,041	23,671	47,664
Ill.	1,547	1,538	1,912	20,981	19,929	23,171	34,434	27,226	31,353	68,444
Ind.	898	920	1,571	13,428	10,675	14,202	23,551	14,201	18,910	34,923
Iowa	1,034	833	1,136	6,254	5,076	7,028	10,520	5,577	8,182	26,365
Cal.	16,111	7,818	13,298	99,104	80,237	111,962	167,831	107,293	150,786	313,303
Ark.	1,579	747	1,468	7,797	6,006	7,890	11,949	7,347	9,643	20,651
La.	827	938	1,434	17,037	17,372	24,024	29,252	23,873	32,622	65,361
Tex.	2,061	1,792	2,789	18,268	12,809	15,559	30,784	17,603	21,561	35,842
Okla.	5,644	4,141	7,627	56,002	44,050	64,479	95,846	58,470	86,760	191,449
Mo.	2,246	2,323	4,609	32,398	28,615	37,467	55,569	41,310	53,998	89,248
W.D.	275	225	599	4,133	4,040	4,132	8,979	5,904	6,130	16,000
W.Va.	291	360	606	3,271	3,372	4,695	4,479	4,025	5,282	9,451
Pa.	98	123	312	871	874	1,210	1,855	1,234	1,671	3,654
N.J.	803	830	1,576	13,899	10,102	13,675	23,947	16,084	20,433	27,729
N.Y.	103	141	414	1,257	1,433	2,483	2,313	2,065	3,397	7,752
Del.	157	239	390	2,976	2,670	3,854	5,407	3,922	5,623	7,732
Conn.	402	357	604	5,544	5,475	6,705	9,712	8,048	10,358	14,824
Mass.	32	48	108	477	649	733	877	1,060	1,206	2,106
Uninc.	6,827	10,330	13,414	159,314	142,698	181,146	291,841	219,064	295,563	398,890
Wyo.	953	1,206	1,820	27,785	22,725	27,425	50,972	34,690	44,619	59,736
Idaho	631	874	1,025	14,055	11,316	15,443	24,056	17,625	24,630	34,454
Mont.	4,343	8,450	10,569	117,484	108,857	138,278	216,813	166,749	226,304	300,049

1. Number and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.

2. For 1935 and 1939 are monthly averages; those for 1929 are quarterly averages.

3. Excludes data for commission bulk tank stations.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. II, Wholesale Trade.

**No. 1050.—RETAIL TRADE—SALES, BY KIND-OF-BUSINESS GROUPS; AND TOTAL INVENTORIES: 1929 TO 1947**

[Millions of dollars]

KIND-OF-BUSINESS GROUP	1929	1933	1935	1939	1942	1943	1944	1945	1946	1947
<b>All retail stores.....</b>	<b>148,459</b>	<b>24,517</b>	<b>32,791</b>	<b>42,042</b>	<b>57,552</b>	<b>63,680</b>	<b>69,484</b>	<b>76,572</b>	<b>100,255</b>	<b>117,724</b>
<b>Durable goods stores.....</b>	<b>14,180</b>	<b>4,844</b>	<b>7,626</b>	<b>10,379</b>	<b>9,846</b>	<b>9,339</b>	<b>9,967</b>	<b>11,498</b>	<b>20,756</b>	<b>28,666</b>
Automotive group.....	7,043	2,368	4,237	5,549	2,840	2,751	2,912	3,356	7,639	11,855
Motor vehicle dealers.....	6,444	2,142	3,863	5,025	2,171	2,003	2,062	2,293	5,977	10,121
Parts and accessories.....	599	226	374	524	669	748	850	1,063	1,662	1,734
Building materials and hardware group.....	3,846	1,342	1,864	2,735	3,799	3,366	3,620	4,182	6,612	8,706
Building materials.....	2,621	854	1,105	1,761	2,326	2,079	2,171	2,508	4,137	5,644
Farm implements.....	519	177	292	345	493	385	442	497	649	844
Hardware.....	706	311	467	629	980	902	1,007	1,177	1,826	2,217
Home furnishings group.....	2,755	959	1,290	1,733	2,454	2,258	2,453	2,889	5,162	6,797
Furniture and house furnishings.....	1,813	646	852	1,200	1,820	1,785	1,950	2,221	3,477	4,333
Household appliances and radios.....	942	313	438	533	633	473	503	668	1,685	2,464
Jewelry.....	536	175	235	362	753	964	982	1,071	1,343	1,309
<b>Nondurable goods stores.....</b>	<b>34,279</b>	<b>19,673</b>	<b>25,165</b>	<b>31,663</b>	<b>47,706</b>	<b>54,341</b>	<b>59,517</b>	<b>65,074</b>	<b>79,499</b>	<b>89,058</b>
Apparel group.....	4,241	1,930	2,656	3,259	5,193	6,323	6,869	7,685	8,981	9,149
Men's clothing and furnishings.....	1,358	542	727	840	1,296	1,497	1,618	1,806	2,227	2,314
Women's apparel and accessories.....	1,480	754	1,026	1,323	2,175	2,893	3,193	3,589	4,033	4,030
Family and other apparel.....	596	209	392	479	739	907	986	1,093	1,262	1,282
Shoes.....	807	425	511	617	983	1,026	1,072	1,197	1,459	1,523
Drug stores.....	1,690	1,066	1,233	1,563	2,185	2,588	2,811	3,023	3,520	3,616
Eating and drinking places.....	2,125	1,430	2,391	3,520	6,173	8,034	9,351	10,809	12,362	12,499
Food group.....	10,967	6,776	8,362	10,165	15,755	17,450	18,989	20,192	25,555	31,356
Grocery and combination.....	7,353	5,004	6,352	7,722	12,141	13,276	14,511	15,328	19,604	24,899
Other food.....	3,614	1,772	2,010	2,443	3,614	4,174	4,478	4,864	5,861	6,457
Filling stations <sup>1</sup> .....	1,787	1,532	1,968	2,822	3,021	2,453	2,603	3,016	4,066	5,193
General merchandise group.....	9,015	4,982	5,730	6,475	9,015	9,977	10,854	11,614	14,533	15,814
Department, including mail order.....	4,350	2,538	3,311	3,975	5,566	6,132	6,764	7,428	9,621	10,534
General, including general merchandise with food.....	2,710	1,176	1,110	922	1,158	1,301	1,388	1,417	1,676	1,858
Other general merchandise and dry goods.....	1,051	590	528	601	943	1,119	1,208	1,249	1,463	1,533
Variety.....	904	678	781	977	1,348	1,425	1,494	1,520	1,773	1,889
Other retail stores.....	4,454	1,957	2,825	3,859	6,364	7,516	8,040	8,735	10,482	11,431
Feed and farm supply.....	1,119	463	599	779	1,660	2,272	2,273	2,379	2,753	2,961
Fuel and ice.....	1,013	623	859	1,014	1,475	1,600	1,603	1,671	1,767	2,116
Liquor.....		17	328	586	1,037	1,234	1,485	1,688	1,912	1,840
Book stores, news dealers, stationery.....	360	159	174	205	291	333	404	422	520	4,514
Cigar stores.....	410	190	183	208	293	367	402	422	462	
Florists.....	176	66	99	149	229	268	332	398	490	
Office equipment and supplies.....	324	112	144	208	320	281	315	381	635	
Other.....	1,052	327	439	710	1,059	1,161	1,226	1,374	1,943	
<b>All retail stores, inventories, end of year.....</b>	<b>7,200</b>	<b>3,866</b>	<b>4,271</b>	<b>5,117</b>	<b>6,260</b>	<b>5,965</b>	<b>5,869</b>	<b>5,825</b>	<b>8,728</b>	<b>9,992</b>

<sup>1</sup> Includes sales of certain milk dealers in the amount of \$130,000,000, not included in tables 1051, 1057, and 1059. Data for these concerns were received too late for inclusion in summary tables for 1929.

<sup>2</sup> Much of increase in sales of filling stations from 1929 to 1939 results from change in classification. Garages primarily selling gasoline and oil were classified separately as garages in 1929 Census of Retail Trade and included in filling station category in 1939 Census of Retail Trade.

Source: 1929 through 1939, Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. I, Retail Trade, Part 3. Other years, estimates by Department of Commerce, Bureau of Foreign and Domestic Commerce, based on trends shown by statistics available currently; published currently in Survey of Current Business.

**—RETAIL TRADE—NUMBER OF STORES AND SALES, BY BUSINESS GROUPS  
AND KIND OF BUSINESS: 1929, 1935, AND 1939**

KIND OF BUSINESS	NUMBER OF STORES			SALES (THOUSANDS OF DOLLARS)		
	1929	1935	1939	1929	1935	1939
<b>States total<sup>1</sup></b>	<b>1,476,365</b>	<b>1,587,718</b>	<b>1,770,365</b>	<b>46,329,682</b>	<b>52,791,212</b>	<b>62,041,790</b>
Stores (without fresh meats)	481,591	532,010	566,549	10,837,421	8,362,425	10,164,967
Food stores (groceries-meats)	191,870	188,738	200,303	3,449,129	2,202,607	2,225,433
Dairy stores, milk dealers	115,540	146,233	187,034	3,903,662	4,149,813	5,496,318
Meats, fish markets	8,478	16,380	16,834	736,951	576,351	740,011
Fruit, confectionery stores	49,865	39,474	42,360	1,336,958	612,451	750,797
Vegetable markets	63,265	55,197	48,015	571,549	314,467	295,300
Flower, vegetable markets	22,904	32,632	27,666	308,879	215,965	222,239
Butcher stores	29,954	33,256	38,337	540,763	290,771	434,867
<b>Stores (with food)</b>	<b>104,869</b>	<b>66,701</b>	<b>39,688</b>	<b>2,578,744</b>	<b>1,110,463</b>	<b>816,342</b>
<b>Merchandise group</b>	<b>54,636</b>	<b>44,651</b>	<b>50,287</b>	<b>6,444,161</b>	<b>4,619,751</b>	<b>5,665,007</b>
Department stores <sup>2</sup>	4,221	4,201	4,074	4,350,098	3,311,070	3,974,906
General merchandise stores	38,305	28,709	29,247	1,180,856	527,862	713,268
Accessory stores	12,110	11,741	16,945	904,147	780,819	976,801
<b>Wear group</b>	<b>114,296</b>	<b>95,866</b>	<b>106,969</b>	<b>4,240,893</b>	<b>2,656,242</b>	<b>3,268,772</b>
Wear stores (clothing, furnishings, hats)	28,197	20,914	21,501	1,192,723	659,617	773,312
Wear stores	10,551	7,891	10,053	552,353	358,949	429,454
Ready-to-wear stores	18,253	21,975	25,820	1,067,601	794,992	1,009,494
Wear, other apparel stores	33,036	26,231	29,098	601,387	331,365	429,448
Wear (all kinds)	24,259	16,967	20,487	806,829	511,399	617,064
<b>Household—radio group</b>	<b>58,941</b>	<b>45,215</b>	<b>52,827</b>	<b>2,784,721</b>	<b>1,269,896</b>	<b>1,733,257</b>
Household stores	25,168	17,043	19,902	1,509,815	694,578	973,167
Household furnishing stores	8,820	9,776	12,012	303,430	156,905	226,727
Household appliance, radio dealers	24,953	18,396	20,913	941,476	438,323	533,363
<b>Auto group<sup>3</sup></b>	<b>69,379</b>	<b>50,459</b>	<b>60,132</b>	<b>7,043,386</b>	<b>4,226,586</b>	<b>5,548,687</b>
Auto dealers (new)	42,204	30,294	33,609	6,266,580	3,725,438	4,810,245
Auto dealers	3,097	4,751	6,960	140,382	122,204	193,790
Auto, tire, battery dealers	22,313	14,343	18,525	599,295	373,910	523,685
Auto motive <sup>3</sup>	1,765	1,071	1,018	34,579	15,034	20,967
<b>Auto group</b>	<b>121,513</b>	<b>197,668</b>	<b>241,868</b>	<b>1,787,423</b>	<b>1,967,714</b>	<b>2,822,495</b>
<b>Building group</b>	<b>52,814</b>	<b>36,553</b>	<b>39,667</b>	<b>2,621,044</b>	<b>1,106,296</b>	<b>1,761,208</b>
Building and building-materials dealers	26,377	21,149	25,067	1,061,264	896,965	1,478,459
Building, paint, electrical stores	26,437	15,404	14,600	639,780	238,431	282,746
<b>Auto group</b>	<b>37,672</b>	<b>36,533</b>	<b>39,646</b>	<b>1,224,560</b>	<b>758,979</b>	<b>972,709</b>
Auto stores	26,380	26,966	29,147	706,053	467,217	629,276
Automotive—tractor—hardware dealers	12,242	9,637	10,499	518,507	291,762	343,433
<b>Auto group</b>	<b>134,293</b>	<b>163,468</b>	<b>169,792</b>	<b>2,124,690</b>	<b>1,666,899</b>	<b>2,135,620</b>
<b>Auto group</b>	<b>58,258</b>	<b>56,697</b>	<b>57,903</b>	<b>1,690,399</b>	<b>1,232,593</b>	<b>1,562,502</b>
<b>(packaged goods)</b>	<b>12,185</b>	<b>19,136</b>	<b>19,136</b>	<b>1,690,399</b>	<b>1,232,593</b>	<b>1,562,502</b>
<b>Food group</b>	<b>173,618</b>	<b>139,185</b>	<b>172,375</b>	<b>4,841,982</b>	<b>2,618,320</b>	<b>3,496,437</b>
Food stores	19,118	35,293	41,172	1,013,369	859,018	1,013,542
Food and feed stores	21,394	11,132	16,772	990,742	346,667	623,977
Garden supply stores	5,740	9,176	4,915	128,422	252,471	155,312
Food stores	19,908	12,447	14,559	536,281	274,393	361,505
Food, cigar stands	33,248	15,350	18,504	410,064	162,950	207,781
Food stores	9,328	11,242	16,056	176,201	96,718	148,741
Food stores	10,285	7,071	7,407	149,866	61,655	72,427
Food stores	54,507	37,424	52,091	1,437,037	582,448	913,062
<b>Food stores</b>	<b>16,065</b>	<b>22,550</b>	<b>23,962</b>	<b>148,068</b>	<b>113,340</b>	<b>138,907</b>

<sup>1</sup> published totals for 1929 and 1935 revised to exclude data for service garages and other automotive shops whose receipts from service sales exceed their sales of merchandise. These are included in the retail establishments for 1939.

<sup>2</sup> General merchandise mail-order houses.

<sup>3</sup> Auto, included in this classification for 1929, are included in "Other retail stores" for 1935 and 1939.

Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. 1, Retail Trade, Part 2.

### No. 1052.—RETAIL TRADE—INDEXES OF DAILY AVERAGE SALES BY MONTHS: 1944 TO 1947

[Adjusted for seasonal variation. 1935-36=100]

MONTH	ALL RETAIL STORES				DURABLE GOODS STORES <sup>1</sup>				NONDURABLE GOODS STORES <sup>1</sup>			
	1944	1945	1946	1947	1944	1945	1946	1947	1944	1945	1946	1947
January.....	175.6	193.3	231.1	281.7	103.6	112.6	165.9	262.2	199.1	219.6	262.3	284.0
February.....	173.9	193.9	237.6	287.6	103.2	113.1	170.0	274.3	197.0	219.1	260.6	291.9
March.....	177.9	196.4	241.0	291.0	105.6	115.5	179.2	280.7	201.2	222.7	261.2	294.3
April.....	169.6	180.6	246.1	297.6	99.7	111.2	195.2	289.4	192.4	203.2	262.7	300.3
May.....	174.5	184.6	250.4	299.7	102.5	108.2	210.4	287.4	197.9	209.5	263.4	303.7
June.....	174.4	189.6	250.9	301.6	104.2	113.8	207.0	297.7	197.3	214.3	265.2	302.9
July.....	179.4	198.4	261.6	301.2	109.9	119.7	221.4	296.9	202.4	219.1	274.7	302.6
August.....	180.7	196.2	277.2	298.0	102.9	114.7	283.3	297.5	203.0	222.8	269.9	298.1
September.....	179.1	195.2	273.1	314.7	104.2	121.7	247.6	322.5	203.5	219.2	281.4	312.1
October.....	186.0	207.8	272.8	317.6	106.3	132.2	280.8	327.6	210.0	219.1	280.0	314.3
November.....	192.0	220.1	278.8	324.7	108.0	142.6	253.5	331.6	219.4	245.4	287.1	322.5
December.....	187.7	216.8	285.1	329.9	105.6	141.1	269.9	340.5	214.4	241.5	290.1	328.5

<sup>1</sup> Durable goods stores include building materials and hardware group, home furnishings group, automotive group, and jewelry stores; nondurable goods stores include all other kinds of business.

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce, published currently in Survey of Current Business.

### No. 1053.—RETAIL TRADE—NUMBER OF STORES AND SALES, BY SIZE OF STORE: 1929, 1935, AND 1939

[Figures revised to exclude service garages classified in 1929 and 1935 as retail but included in Service Census in 1939. Size groups for 1935 exceed total by 987 stores and \$87,777,000 of sales, to avoid disclosures as explained in 1935 report (Retail Distribution: 1935, Vol. I, pp. 1-34)]

ANNUAL SALES GROUP AND YEAR		STORES		SALES	
		Number	Percent	Amount (\$1,000)	Percent
\$300,000 and over	1929	15,029	1.0	12,823,766	25.5
	1935	8,443	.5	6,879,155	20.9
	1939	12,630	.7	9,855,631	21.4
\$100,000 to \$299,999	1929	62,009	4.2	9,766,669	30.2
	1935	37,196	2.4	5,828,224	17.7
	1939	50,097	2.8	7,966,288	18.9
\$50,000 to \$99,999	1929	127,148	8.6	8,631,797	17.9
	1935	72,562	4.6	4,949,553	15.2
	1939	93,318	5.3	6,394,793	15.2
\$20,000 to \$49,999	1929	173,269	11.7	6,617,169	12.7
	1935	119,705	7.5	4,581,413	14.0
	1939	133,221	7.5	5,077,007	12.1
\$10,000 to \$19,999	1929	468,885	31.8	8,349,491	17.3
	1935	415,165	26.1	7,114,216	21.6
	1939	523,117	29.5	8,938,633	21.3
Less than \$10,000	1929	630,025	42.7	2,620,760	5.4
	1935	935,634	58.9	3,486,428	10.6
	1939	958,972	64.2	3,820,532	9.1

### No. 1054.—RETAIL TRADE—EMPLOYMENT BY SIZE OF STORE, BASED ON NUMBER EMPLOYED: 1939

NUMBER OF EMPLOYEES PER STORE	STORES		SALES		PROPRIETORS		EMPLOYEES	
	Number	Per- cent	Amount (\$1,000)	Per- cent	Number	Per- cent	Number	Per- cent
Total, all stores.....	1,770,355	100.0	42,041,790	100.0	1,613,673	100.0	4,694,217	100.0
100 or more.....	2,173	.1	4,631,083	11.0	198	—	687,831	15.9
20 to 99.....	27,573	1.6	7,499,554	17.8	7,382	.4	975,384	20.8
10 to 19.....	50,732	2.9	5,428,733	12.9	23,986	1.5	667,871	14.3
8 or 9.....	28,446	1.6	1,995,740	4.8	15,559	1.0	238,421	5.2
6 or 7.....	60,762	3.4	3,243,948	7.7	40,101	2.5	333,008	7.2
4 or 5.....	121,914	6.9	4,447,498	10.6	88,304	5.5	532,703	11.4
3.....	122,357	6.9	3,169,777	7.5	93,683	6.0	363,617	7.9
2.....	201,941	11.4	3,670,135	8.7	172,531	10.7	308,696	6.7
1.....	401,164	22.6	4,103,592	9.8	383,075	23.7	347,696	7.5
No paid employees.....	753,293	42.6	3,861,632	9.2	786,564	48.7	—	—

<sup>1</sup> Or fraction on monthly average basis.

Source of tables 1053 and 1054. Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. I, Retail Trade.

**No. 1055.—RETAIL TRADE—SUMMARY, BY BUSINESS GROUPS AND KIND OF BUSINESS:  
1939**

KIND OF BUSINESS	Number of stores	Sales (thousands of dollars)	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year)	Pay roll (thousands of dollars)	Stocks on hand, end of year at cost (thousands of dollars)
<b>United States total</b>	<b>1,770,355</b>	<b>42,041,796</b>	<b>1,613,673</b>	<b>4,900,217</b>	<b>4,529,499</b>	<b>5,116,583</b>
<b>Food group</b>	<b>560,549</b>	<b>10,164,967</b>	<b>516,976</b>	<b>798,462</b>	<b>766,762</b>	<b>589,938</b>
Grocery stores (without fresh meats)	200,303	2,225,435	178,182	131,102	110,663	196,202
Combination stores (groceries-meats)	187,034	5,496,318	173,799	408,900	354,140	343,947
Dairy products stores	7,382	142,728	4,111	20,314	17,892	3,287
Milk dealers	9,452	597,283	9,207	81,586	140,078	4,859
Meat markets	35,630	700,243	35,886	47,708	50,984	7,817
Fish (sea food) markets	6,730	50,554	9,968	5,280	4,246	490
Candy, nut stores	4,625	40,200	3,087	6,776	5,040	1,191
Confectionery stores	43,390	255,100	42,690	23,801	15,104	13,411
Delicatessen stores	9,909	182,365	9,895	8,140	6,911	9,109
Fruit stores, vegetable markets	27,666	222,239	28,282	20,075	15,993	3,187
Bakeries, caterers	16,985	168,027	14,284	26,941	21,735	1,398
Egg and poultry dealers	6,532	63,350	6,645	4,966	3,614	670
Other food stores	4,911	71,125	4,040	12,784	14,462	4,420
<b>General stores (with food)</b>	<b>29,688</b>	<b>810,342</b>	<b>28,646</b>	<b>60,701</b>	<b>47,376</b>	<b>174,130</b>
<b>General merchandise group</b>	<b>50,267</b>	<b>5,665,007</b>	<b>36,362</b>	<b>667,907</b>	<b>803,485</b>	<b>922,178</b>
Department stores	4,074	3,974,998	560	586,062	611,706	581,483
Dry goods stores	15,628	229,286	14,748	26,697	22,730	77,192
General merchandise stores with food	2,737	112,108	2,448	10,828	9,409	25,767
General merchandise stores—other	10,882	371,814	8,714	51,764	37,836	118,072
Variety stores	16,946	976,801	9,892	211,766	121,804	139,854
<b>Apparel group</b>	<b>106,969</b>	<b>3,258,772</b>	<b>82,329</b>	<b>386,737</b>	<b>420,838</b>	<b>674,674</b>
Men's-boys' furnishings stores	5,122	63,293	4,187	7,273	9,049	27,258
Men's-boys' hat stores	802	15,596	465	1,580	1,819	2,606
Men's-boys' clothing stores (and furnishings)	15,377	664,511	13,194	57,730	80,382	194,671
Family clothing stores	10,058	429,454	8,817	56,354	58,478	106,800
Women's ready-to-wear stores	25,620	1,009,494	20,711	123,586	132,674	127,732
Furriers, fur shops	2,214	94,133	1,794	10,289	16,809	18,761
Millinery stores	10,799	118,586	7,472	23,569	18,888	5,023
Corset and lingerie shops	2,338	27,938	2,111	3,254	3,077	6,265
Hosiery shops	2,298	35,807	1,831	7,969	3,893	4,562
Other women's accessories stores	1,863	37,318	1,261	4,090	3,769	6,492
Infants' wear shops	625	13,436	554	1,341	1,275	3,223
Other apparel stores	3,292	36,448	3,204	5,186	4,872	8,145
Custom tailors	5,674	66,282	5,523	12,380	18,068	10,149
Men's shoe stores	2,472	78,770	660	5,694	7,482	16,427
Family shoe stores	15,280	384,156	10,417	40,711	42,831	113,247
Women's shoe stores	2,735	154,138	938	17,741	19,457	23,293
<b>Furniture—household—radio group</b>	<b>52,827</b>	<b>1,733,257</b>	<b>42,491</b>	<b>213,635</b>	<b>280,845</b>	<b>366,761</b>
Furniture stores	19,902	973,157	17,361	104,151	146,311	213,375
Floor coverings stores	1,986	68,618	1,826	6,863	9,311	15,148
Draperies, curtain, upholstery stores	930	15,843	859	1,908	2,054	3,702
China, glassware, metalware stores	778	21,821	582	2,915	3,655	6,755
Interior decorators	886	27,930	759	3,235	4,676	4,936
Antique shops	3,324	17,743	3,321	1,594	2,178	18,816
Other home-furnishings stores	4,106	84,772	3,738	19,456	21,335	19,290
Household appliance dealers	11,095	294,518	4,546	49,186	66,301	45,979
Radio and household-appliance stores	6,907	190,180	6,463	19,512	23,596	28,968
Radio stores	2,409	22,901	2,361	2,261	2,461	3,758
Radio and musical instrument stores	502	25,774	380	3,334	4,667	6,035
<b>Automotive group</b>	<b>60,122</b>	<b>5,648,687</b>	<b>51,238</b>	<b>389,398</b>	<b>507,947</b>	<b>554,966</b>
Motor-vehicle dealers (new and trade-in)	31,511	4,292,716	27,318	287,270	378,615	403,996
Motor-vehicle and farm-implement dealers	1,170	88,607	1,239	6,638	7,259	13,449
Motor-vehicle dealers (retail and wholesale)	928	428,922	512	22,794	34,714	31,649
Used-car dealers	6,960	198,790	6,808	12,981	14,177	25,985
Accessory, tire, battery dealers	18,525	323,685	14,424	57,601	70,665	75,611
Motorcycle dealers	513	8,619	504	695	1,023	2,032
Aircraft dealers	51	2,356	22	273	375	497
Motorboat, yacht dealers	454	9,990	411	846	1,119	1,759
<b>Aggregations</b>	<b>241,858</b>	<b>2,822,496</b>	<b>231,475</b>	<b>235,527</b>	<b>196,834</b>	<b>99,401</b>
<b>Other—building group</b>	<b>39,667</b>	<b>1,781,205</b>	<b>26,125</b>	<b>169,799</b>	<b>220,628</b>	<b>269,063</b>
Lumber yards	20,621	1,196,817	10,615	109,024	43,209	265,714
Building-materials dealers	4,446	281,642	3,387	25,649	34,002	36,583
Heating and plumbing equipment dealers	4,262	102,404	3,644	14,932	18,924	15,470
Paint, glass, wallpaper stores	8,480	152,673	6,781	15,642	19,495	35,012
Electrical supply stores	1,858	27,669	1,708	3,952	4,938	6,274
<b>Ware group</b>	<b>39,646</b>	<b>973,709</b>	<b>39,620</b>	<b>82,497</b>	<b>91,532</b>	<b>317,063</b>
Hardware stores	29,147	629,276	28,709	66,762	63,679	227,852
Farm implement—tractor—hardware dealers	10,499	344,433	10,911	25,735	27,853	89,211

Employees and pay roll include paid executives of corporations but not member and compensation of proprietors of unincorporated businesses.

**No. 1055.—RETAIL TRADE—SUMMARY, BY BUSINESS GROUPS AND KIND OF BUSINESS:  
1939—Continued**

KIND OF BUSINESS	Number of stores	Sales (thousands of dollars)	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year) <sup>1</sup>	Pay roll (thousands of dollars) <sup>1</sup>	Stocks on hand, end of year, at cost (thousands of dollars)
<b>Eating places</b> .....	169,792	2,135,020	170,002	594,648	463,896	34,909
Restaurants, cafeterias, lunchrooms.....	99,069	1,764,854	101,276	529,528	364,451	29,466
Lunch counters and stands.....	62,673	332,216	61,364	58,728	37,532	4,487
Soft drink, juice, ice cream stands.....	8,051	37,951	7,362	6,392	3,913	947
<b>Drinking places</b> .....	135,594	1,385,032	136,217	212,225	189,689	30,164
Drinking places with meals.....	82,310	967,736	82,596	159,966	118,775	25,954
Drinking places—other.....	53,284	417,296	53,621	52,259	40,914	12,710
<b>Drug stores</b> .....	57,903	1,562,503	49,673	189,403	172,739	304,883
Drug stores with fountain.....	39,462	1,205,241	33,257	156,866	137,904	215,799
Drug stores—other.....	18,451	357,261	16,416	33,037	34,739	89,094
<b>Liquor stores (packaged goods)</b> .....	19,136	536,351	13,670	25,676	30,752	66,293
<b>Other retail stores</b> .....	172,376	3,496,437	154,625	349,792	407,609	543,136
Fuel and ice dealers.....	36,329	687,617	34,784	96,315	106,910	60,443
Fuel-oil retailers.....	2,843	126,925	2,426	9,149	13,879	5,069
Hay, grain, and feed stores (with groceries).....	1,800	64,912	1,523	3,905	3,210	6,203
Hay, grain, and feed—farm implements.....	1,126	82,820	785	4,766	5,032	10,290
Hay, grain, and feed stores—other.....	13,786	476,246	11,645	26,660	26,707	42,394
Farm and garden supply stores.....	4,915	155,312	4,074	13,710	13,447	21,496
Jewelry stores.....	14,559	361,505	13,077	35,249	53,965	162,549
Book stores.....	2,845	73,842	2,156	12,434	12,932	16,152
Stationery stores.....	3,467	58,814	3,317	6,690	7,708	12,933
Cigar stores, cigar stands.....	18,604	207,781	16,748	14,423	14,065	18,456
Florists.....	16,056	145,741	16,074	23,126	22,641	9,493
Gift, novelty, souvenir shops.....	7,429	53,568	7,227	6,317	5,548	17,076
News dealers.....	7,407	72,427	6,036	11,671	6,335	2,694
Office, store appliance and equipment dealers.....	3,600	149,216	2,850	19,949	29,049	27,108
Office, store, school supply dealers.....	1,539	59,370	1,124	8,097	11,360	12,619
Opticians.....	5,905	60,567	5,412	7,655	11,919	6,770
Photographic supply—camera stores.....	1,112	32,343	962	3,277	4,086	6,412
Sporting goods stores.....	2,605	56,914	2,393	5,229	6,653	16,234
Bicycle shops.....	941	6,837	937	765	630	1,630
Luggage stores.....	759	19,345	606	1,942	1,601	2,040
Piano, musical instrument stores.....	2,930	65,127	2,534	8,282	11,049	16,237
Scientific, medical instrument and supply dealers.....	961	17,509	774	2,113	3,007	3,222
Other retail stores.....	18,778	250,610	17,339	26,024	31,927	54,321
<b>Second-hand stores</b> .....	23,962	138,067	24,014	22,808	29,788	41,148
Book stores.....	589	4,050	578	441	488	2,790
Clothing, shoe stores.....	2,558	9,760	3,430	1,673	922	2,380
Furniture stores.....	7,876	31,463	7,882	4,016	3,061	6,461
Tires, accessories, parts.....	6,403	39,863	6,814	8,208	6,886	8,953
Pawn shops (sales).....	1,373	22,808	1,252	2,903	4,357	12,904
Other second-hand stores.....	4,165	29,997	4,058	5,469	5,042	7,652

<sup>1</sup> Employees and pay roll include paid executives of corporations but not the number and compensation of proprietors of unincorporated businesses.

**No. 1056.—RETAIL CHAINS—SUMMARY: 1929, 1935, AND 1939**

[All money figures in thousands of dollars]

ITEM	1929 <sup>1</sup>	1935	1939	ITEM	1935	1939
Number of chains.....	7,061	6,072	6,969	Number of employees.....	1,171,671	1,339,496
Number of retail units (stores) <sup>2</sup> .....	150,638	130,773	132,763	Stores.....	1,071,694	1,228,161
Number of warehouses.....	569	492	1,176	Central offices and warehouses.....	99,977	111,335
Number of central offices.....	( <sup>3</sup> )	1,914	3,005	Salaries officers.....	( <sup>4</sup> )	4,724
Sales through stores, all chains <sup>1</sup> .....	10,740,385	8,468,837	10,104,713	Other employees.....	( <sup>5</sup> )	106,611
Billings (at wholesale) to own stores through warehouses.....	1,929,681	1,864,221	2,726,428	Pay roll.....	1,211,006	1,439,117
Warehouse stocks, end of year, at cost.....	98,840	93,471	167,122	Stores.....	1,028,125	1,215,540
				Central offices and warehouses.....	187,941	223,577
				Salaried officers.....	( <sup>4</sup> )	37,639
				Other employees.....	( <sup>5</sup> )	185,946

<sup>1</sup> Figures for 1935 revised to exclude service garages; data to adjust 1929 figures not available.

<sup>2</sup> Represents, in addition to chain data shown in tables 1057 and 1058, data for multiunit organizations with 4 or more retail units, such as public utility stores, State liquor stores, direct selling (house-to-house), and other lesser types.

<sup>3</sup> Not strictly comparable with previous years; a schedule form provided for reporting warehouse operations for 1939 resulted in the receipt of a greater number of separate reports.

<sup>4</sup> Data not available.

<sup>5</sup> Includes estimates for a small number of warehouses for which billings were not reported.

Source of tables 1055 and 1056: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. 1, Retail Trade, Part 3, for table 1055; Part 1, for table 1056.



# 7.—RETAIL TRADE—NUMBER OF STORES AND SALES, BY TYPE OF OPERATION: 1929, 1935, AND 1939

[Figures for 1929 and 1935 have been adjusted between types as grouped for 1939]

TYPE OF OPERATION	NUMBER OF STORES			SALES (THOUSANDS OF DOLLARS)		
	1929 <sup>1</sup>	1935 <sup>1</sup>	1939	1929 <sup>1</sup>	1935 <sup>1</sup>	1939
All types.....	1,643,155	1,637,718	1,770,355	49,314,453	32,791,212	42,641,790
Wholesale stores.....	1,380,807	1,435,054	1,624,655	38,124,439	24,020,134	31,409,959
Retail stores.....	151,712	131,430	123,195	9,984,547	7,653,416	9,105,425
Department stores.....	4,053	3,936	4,836	163,371	123,242	151,539
Selling (house-to-house).....	1,651	6,349	5,199	93,961	125,314	153,397
Liquor or company stores.....	1,347	1,888	2,007	115,583	113,129	144,244
Consumer cooperative stores.....	1,709	1,801	3,658	116,966	119,627	224,375
Other stores.....	.....	2,080	2,518	.....	163,341	249,439
Wholesale houses.....	271	378	434	515,237	429,027	537,413
Types of operation.....	1,798	4,802	3,703	20,620	52,743	61,704

for 1935 revised to exclude data for service garages classified that year as Retail but included in Service 1939. Data to adjust 1929 figures are not available.

Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. I, Retail Trade.

# 8.—RETAIL TRADE—SUMMARY, BY TYPE OF OPERATION AND BY KIND OF BUSINESS 1939

TYPE OF OPERATION AND KIND OF BUSINESS	Number of stores	Sales (thousands of dollars)	Percent of total sales	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year) <sup>1</sup>	Total pay roll (thousands of dollars)	Stocks on hand, end of year, at cost (thousands of dollars)
All types.....	1,770,355	42,641,790	100.0	1,613,673	6,600,217	4,529,699	6,116,583
Wholesale stores.....	1,624,655	31,409,959	74.7	1,602,937	3,322,447	3,289,654	4,048,753
Retail stores.....	1,521,145	27,417,200	63.2	1,547,090	2,439,921	2,727,682	3,511,954
Department stores.....	77,845	3,752,899	8.9	37,544	457,090	519,853	523,477
Selling and roadside stands.....	18,014	103,182	.3	17,281	10,636	7,675	1,794
Department stores—-independent.....	7,661	135,968	.3	7,052	14,310	13,475	11,114
Liquor or company stores.....	123,195	9,105,625	21.7	.....	1,118,374	1,090,104	474,948
Consumer cooperative stores.....	25,455	1,947,396	3.6	2,081	192,943	207,430	143,492
Retail or national chains.....	82,049	6,771,009	16.1	830	430,320	767,008	672,734
Manufacturer-controlled chains.....	10,123	543,062	1.4	36	70,414	91,741	65,423
Department chains.....	5,889	179,394	.4	146	24,667	22,987	14,929
Other stores.....	22,496	1,526,184	3.6	7,634	169,394	179,639	199,662
Department stores.....	4,836	151,539	.4	134	26,026	31,241	24,299
Selling (house-to-house).....	5,199	153,397	.4	2,492	40,945	42,983	7,493
Liquor or company stores.....	2,007	144,244	.3	231	11,980	13,183	16,494
Consumer cooperative stores.....	3,658	224,375	.5	.....	16,461	17,545	29,921
Wholesale houses.....	2,518	249,439	.6	.....	7,980	19,707	14,254
Other houses.....	434	537,413	1.3	257	50,955	64,447	109,045
Types of operation.....	3,703	61,704	.1	3,516	4,424	5,353	3,951
Food stores (without fresh meats, etc.).....	200,363	2,225,435	100.0	174,183	131,102	110,443	194,202
Department stores.....	179,335	1,491,473	67.0	177,562	96,472	49,191	149,216
Selling (house-to-house).....	20,063	729,427	32.4	124	84,462	86,444	46,042
Liquor or company stores.....	263	3,466	.2	226	703	759	225
Consumer cooperative stores.....	207	4,047	.2	120	246	322	613
Types.....	306	6,462	.2	114	649	514	599
Meat stores (groceries-meats).....	187,034	5,496,318	100.0	173,799	404,900	354,140	343,947
Department stores.....	169,276	3,346,153	61.2	173,362	224,454	194,977	244,726
Selling (house-to-house).....	20,257	2,112,092	38.4	279	194,426	163,694	95,965
Liquor or company stores.....	149	6,567	.1	27	472	619	623
Types.....	335	11,516	.2	131	1,149	974	593
Dairy, milk dealers.....	14,834	746,011	100.0	13,318	101,900	157,970	8,006
Department stores.....	13,903	414,404	55.6	13,190	86,344	90,977	5,674
Selling (house-to-house).....	2,674	201,024	27.1	74	40,406	73,446	2,396
Types.....	156	16,576	2.3	41	2,150	3,447	156
Confectionery stores.....	46,015	295,300	100.0	45,777	20,674	20,144	14,462
Department stores.....	45,674	242,143	82.0	45,533	16,462	12,044	12,503
Selling (house-to-house).....	2,223	51,043	17.3	64	19,363	7,943	961
Types.....	213	2,074	.7	174	241	203	96

Pay roll and pay roll include paid executives of corporations but not number and compensation of unincorporated businesses.

## No. 1058.—RETAIL TRADE—SUMMARY, BY TYPE OF OPERATION AND BY KIND OF BUSINESS: 1939—Continued

TYPE OF OPERATION AND KIND OF BUSINESS	Number of stores	Sales (thou- sands of dollars)	Per- cent of total sales	Active proprie- tors of unincor- porated busi- nesses	Employ- ees, full- time and part- time (average for year) <sup>1</sup>	Total pay roll (thou- sands of dollars) <sup>1</sup>	Stocks on hand, end of year, at cost (thou- sands of dollars)
<b>Department stores</b>	4,974	2,974,996	100.0	550	545,662	611,706	551,493
Independents	1,371	2,312,279	58.2	525	371,903	423,654	317,610
Chains	2,672	1,194,517	30.0	25	150,064	137,626	153,840
Mail-order houses	24	404,289	11.7		43,635	49,876	80,519
Other types	7	2,913	.1		460	560	524
<b>Variety stores</b>	16,945	976,661	100.0	9,892	311,744	121,664	139,654
Independents	10,555	128,909	13.2	9,755	22,283	11,014	26,257
Chains	6,372	847,696	86.8	121	189,469	110,778	103,377
Other types	19	206	( <sup>2</sup> )	16	14	12	20
<b>Men's-boys' clothing, furnishings, hat stores</b>	21,661	773,312	100.0	17,846	61,582	91,259	224,533
Independents	19,621	596,737	77.4	17,726	52,080	70,182	194,672
Chains	1,816	171,579	22.2	68	14,208	20,749	30,106
Other types	64	2,996	.4	52	295	319	356
<b>Family clothing stores</b>	10,053	429,454	100.0	8,317	56,334	58,478	106,809
Independents	8,935	252,639	82.1	8,235	44,543	46,419	94,446
Chains	1,082	76,293	17.8	50	11,732	12,000	12,252
Other types	36	532	.1	32	59	50	102
<b>Women's ready-to-wear stores</b>	25,620	1,002,494	100.0	20,711	123,896	122,674	127,752
Independents	22,424	694,119	68.8	20,448	92,253	94,931	101,125
Chains	2,890	263,102	26.1	120	32,899	31,987	21,520
Leased departments	386	31,705	3.1	100	2,913	3,303	2,523
Other types	130	20,568	2.0	32	2,551	2,458	2,594
<b>Shoe stores (all kinds)</b>	20,467	617,064	100.0	12,065	64,146	69,769	132,967
Independents	13,215	253,622	41.2	11,581	24,509	27,870	68,057
Chains	6,721	306,816	49.7	109	33,466	36,146	54,730
Leased departments	1,522	62,549	8.6	294	6,004	6,388	9,850
Other types	29	3,677	.6	21	167	346	310
<b>Furniture stores</b>	19,902	973,157	100.0	17,361	164,161	144,311	212,375
Independents	19,091	829,830	85.3	17,295	83,445	122,900	190,559
Chains	784	141,604	14.6	44	15,474	22,108	22,628
Other types	27	1,463	.1	22	232	305	186
<b>Household appliance dealers</b>	11,695	294,518	100.0	4,846	49,185	69,301	48,979
Independents	5,007	92,436	31.4	4,712	11,304	12,680	14,672
Chains	1,214	53,973	18.3	12	12,242	17,269	8,665
Leased departments	252	5,147	1.7	32	730	886	647
Utility-operated stores	4,440	138,635	47.1	9	23,947	28,473	22,134
Direct selling (house-to-house)	162	4,028	1.4	77	920	1,033	211
Other types	11	290	.1	8	42	40	50
<b>Radio—household appliance dealers</b>	6,907	190,186	100.0	6,463	12,512	22,896	28,968
Independents	6,329	160,020	84.1	6,370	10,655	18,961	25,090
Chains	169	19,392	10.2	10	1,407	2,343	2,182
Leased departments	49	1,514	.8	41	158	155	295
Utility-operated stores	123	7,436	3.9	8	1,162	1,900	1,147
Direct selling (house-to-house)	29	332	.2	34	42	59	72
Other types	8	1,496	.8		86	128	208
<b>Radio stores—other</b>	2,911	48,675	100.0	2,741	5,896	7,126	9,793
Independents	2,831	39,122	80.4	2,731	4,406	5,334	7,598
Chains	70	9,292	19.1	5	1,169	1,763	2,191
Other types	10	261	.5	5	30	31	34
<b>Motor-vehicle dealers (new)</b>	33,669	4,610,245	100.0	29,069	316,702	429,588	449,696
Independents	33,272	4,679,450	97.3	29,009	308,355	408,708	438,933
Chains	327	129,789	2.7	59	8,269	13,781	10,082
Other types	10	1,006	( <sup>2</sup> )	1	78	101	101
<b>Accessory, tire, battery dealers</b>	18,625	523,685	100.0	14,424	57,601	76,665	75,611
Independents	14,500	287,519	54.9	14,370	32,867	37,891	47,891
Chains	4,017	235,961	45.1	51	24,706	33,781	27,687
Other types	8	205	( <sup>1</sup> )	3	28	33	33
<b>Filling stations</b>	241,858	2,822,496	100.0	231,475	235,527	196,394	99,461
Independents	230,460	2,495,741	88.4	231,127	199,562	156,825	87,616
Chains	10,291	288,370	10.2	305	32,671	28,518	8,966
Cooperatives	1,017	85,304	1.3		3,000	3,331	2,677
Other types	90	3,080	.1	43	204	200	142

<sup>1</sup> Employees and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.

Less than one-tenth of 1 percent.

**—RETAIL TRADE—SUMMARY, BY TYPE OF OPERATION AND BY KIND OF BUSINESS: 1939—Continued**

OPERATION AND KIND OF BUSINESS	Number of stores	Sales (thousands of dollars)	Percent of total sales	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year) <sup>1</sup>	Total pay roll (thousands of dollars) <sup>2</sup>	Stocks on hand, end of year, at cost (thousands of dollars)
<b>Drug-materials dealers</b>	25,067	1,476,459	100.0	14,062	135,273	177,271	332,297
mts.	19,181	1,177,407	79.6	13,888	108,447	145,038	246,612
ss.	5,781	295,582	20.0	95	26,416	31,820	84,420
es.	105	5,470	.4	19	410	413	1,204
<b>Wallpaper stores</b>	5,490	152,673	100.0	6,781	15,542	19,495	35,012
mts.	7,427	111,269	72.9	6,734	11,868	13,655	27,165
ss.	1,039	40,586	26.6	36	4,069	5,651	7,784
es.	14	818	.5	11	216	209	63
<b>res.</b>	29,147	629,276	100.0	23,769	55,762	63,679	227,862
mts.	28,641	600,921	95.5	28,642	53,814	60,067	220,178
ss.	444	25,413	4.0	39	2,747	3,367	5,989
es.	62	2,942	.6	28	201	245	685
<b>Other eating places</b>	169,792	2,125,620	100.0	170,062	534,645	495,896	24,900
mts.	164,401	1,830,039	85.7	169,669	503,235	332,952	31,903
ss.	5,087	297,440	13.9	219	69,184	71,285	2,826
es.	304	7,541	.4	114	2,249	1,659	171
<b>Ice fountain</b>	39,452	1,305,241	100.0	33,257	156,366	137,994	218,799
mts.	36,191	877,095	72.8	33,183	110,977	93,539	182,482
ss.	3,240	326,549	27.1	71	45,292	44,332	50,222
es.	21	997	.1	3	127	128	145
<b>Other</b>	15,451	357,351	100.0	16,416	23,037	34,739	55,684
mts.	17,532	282,825	79.2	18,352	27,397	27,639	77,347
ss.	885	73,713	20.6	46	5,580	7,025	8,676
es.	34	723	.2	18	60	85	61
<b>(Packaged goods)</b>	19,136	556,351	100.0	13,679	25,676	36,782	66,283
mts.	16,889	316,899	54.1	13,616	16,291	18,450	45,301
ss.	621	19,875	3.4	52	1,408	1,613	2,645
es.	2,618	249,430	42.5	—	7,960	10,707	18,254
es.	8	147	(?)	2	17	12	3
<b>Auto dealers</b>	41,172	1,013,542	100.0	37,319	196,464	123,763	71,534
mts.	39,763	857,338	84.6	36,990	90,747	103,612	60,130
ss.	1,134	152,681	15.1	26	14,225	19,651	11,036
es.	275	3,528	.3	194	512	520	368
<b>Food stores</b>	16,772	623,977	100.0	13,853	35,351	33,949	58,877
mts.	14,379	445,538	71.5	13,895	25,272	23,429	42,386
ss.	1,233	74,442	11.9	44	4,808	5,289	7,337
es.	1,144	103,799	16.6	—	5,269	6,226	9,132
es.	18	268	(?)	14	12	5	22
<b>Home supply stores</b>	4,915	155,312	100.0	4,074	12,710	15,447	21,498
mts.	4,384	106,076	68.7	4,014	9,090	8,835	14,864
ss.	121	12,535	8.1	6	694	1,116	1,154
es.	331	25,583	16.5	—	1,769	1,694	2,439
es.	30	8,251	5.3	18	1,171	1,280	2,609
es.	43	2,267	1.4	30	1,186	519	432
<b>Food stores</b>	14,559	341,595	100.0	12,677	25,249	53,965	162,699
mts.	13,993	321,746	89.0	13,025	30,976	47,247	154,650
ss.	540	38,014	10.5	30	4,096	5,480	7,573
es.	26	1,835	.5	22	178	238	376
<b>Supermarkets</b>	18,504	297,781	100.0	16,748	14,425	14,065	18,456
mts.	16,886	150,060	72.2	16,675	9,623	8,261	13,752
ss.	1,533	56,300	27.1	29	4,627	5,661	4,622
es.	85	1,421	.7	44	175	163	82
<b>Food stores</b>	16,055	148,741	100.0	16,674	23,128	22,641	9,493
mts.	15,933	144,109	96.9	16,049	22,454	21,776	9,320
ss.	102	4,558	3.1	6	663	859	172
es.	20	74	(?)	19	11	6	1
<b>Food stores</b>	7,407	72,427	100.0	8,038	11,671	6,335	2,894
mts.	6,051	52,501	72.5	6,017	7,844	3,365	3,321
ss.	1,342	19,766	27.3	8	3,791	2,935	573
es.	14	100	.2	13	36	15	—
<b>Food business</b>	455,572	6,712,992	100.0	426,876	784,577	735,236	970,814

<sup>1</sup>and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.

<sup>2</sup>one-tenth of 1 percent.

Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. I, Retail Trade.

## No. 1059.—RETAIL TRADE—SUMMARY, BY STATES: 1929, 1935, AND 1939

[Data for 1929 and 1935 revised to exclude service garages and other automotive service businesses whose receipts from service sales exceeded their sales of merchandise. These are included in the Census of Service Establishments for 1939]

DIVISION AND STATE	NUMBER OF STORES			SALES (THOUSANDS OF DOLLARS)			ACTIVE PROPRIETORS OF UNINCORPORATED BUSINESSES		
	1929	1935	1939	1929	1935	1939	1929	1935	1939
<b>U. S.</b>	<b>1,476,365</b>	<b>1,587,718</b>	<b>1,779,355</b>	<b>45,329,652</b>	<b>52,791,212</b>	<b>62,041,796</b>	<b>1,434,704</b>	<b>1,446,198</b>	<b>1,612,673</b>
<b>N. E.</b>	<b>194,618</b>	<b>199,392</b>	<b>121,888</b>	<b>2,732,087</b>	<b>2,687,620</b>	<b>3,318,214</b>	<b>94,441</b>	<b>96,967</b>	<b>161,716</b>
Maine	10,483	119,36	13,455	300,010	226,911	281,356	9,700	10,531	11,821
N. H.	8,181	6,797	7,435	180,348	140,654	183,100	5,935	6,110	6,600
Vt.	4,631	4,620	5,423	148,281	96,724	123,369	4,912	4,210	4,942
Mass.	52,661	53,608	59,217	2,031,839	1,446,212	1,737,680	46,705	43,404	47,538
R. I.	9,156	8,791	10,485	313,978	217,728	275,447	8,389	7,369	9,100
Conn.	21,337	23,626	25,873	757,731	550,391	717,262	18,860	19,343	21,715
<b>M. A.</b>	<b>372,826</b>	<b>359,495</b>	<b>412,819</b>	<b>12,537,976</b>	<b>8,374,439</b>	<b>10,291,937</b>	<b>350,414</b>	<b>344,290</b>	<b>376,006</b>
N. Y.	183,615	196,008	209,425	6,868,931	4,704,233	5,578,159	160,129	175,421	191,259
N. J.	57,780	55,688	68,851	1,811,257	1,206,990	1,580,401	53,595	56,561	59,277
Pa.	130,631	125,109	134,543	3,747,788	2,463,216	3,133,377	127,690	112,608	125,532
<b>E. N. C.</b>	<b>394,986</b>	<b>326,842</b>	<b>264,508</b>	<b>11,113,186</b>	<b>7,103,671</b>	<b>9,251,114</b>	<b>290,328</b>	<b>295,769</b>	<b>312,629</b>
Ohio	80,155	89,303	93,041	2,829,354	1,940,031	2,441,293	74,786	79,193	82,712
Ind.	39,402	40,318	47,317	1,200,468	771,377	1,066,383	38,403	37,620	44,003
Ill.	93,432	95,033	109,132	3,658,560	2,152,432	2,857,646	89,019	85,694	100,099
Mich.	53,952	59,820	67,414	2,202,405	1,377,122	1,820,798	51,148	54,229	61,129
Wis.	38,043	42,388	47,604	1,222,409	862,109	1,064,994	36,912	39,033	44,080
<b>W. N. C.</b>	<b>161,393</b>	<b>162,051</b>	<b>197,909</b>	<b>5,178,845</b>	<b>3,471,806</b>	<b>4,138,883</b>	<b>162,404</b>	<b>171,236</b>	<b>185,927</b>
Minn.	29,206	35,481	40,448	1,036,012	808,857	1,017,195	29,091	33,112	36,932
Iowa	30,933	36,768	39,024	956,008	640,621	822,905	31,396	35,617	37,111
Mo.	44,586	48,581	53,196	1,422,449	935,027	1,102,503	44,080	45,069	49,328
N. Dak.	7,611	8,464	8,549	230,603	147,327	156,137	7,492	7,833	7,818
S. Dak.	8,330	9,014	9,817	249,935	144,333	169,396	8,419	8,302	8,954
Nebr.	18,682	17,990	19,330	553,611	354,520	397,196	17,351	16,774	18,004
Kans.	24,045	25,753	27,545	730,228	441,121	473,551	24,586	24,538	23,790
<b>S. A.</b>	<b>162,295</b>	<b>176,036</b>	<b>199,371</b>	<b>4,138,337</b>	<b>3,267,937</b>	<b>4,368,947</b>	<b>159,100</b>	<b>167,391</b>	<b>174,561</b>
Del.	8,527	4,257	4,544	101,661	78,019	110,052	3,240	3,828	4,001
Md.	20,271	22,515	25,566	610,967	457,305	619,273	19,356	20,657	23,774
D. C.	5,816	6,341	6,893	332,393	329,034	402,768	5,027	4,667	5,498
Va.	25,036	25,800	29,610	591,763	466,768	628,172	24,854	22,941	26,389
W. Va.	16,501	18,285	18,928	441,072	320,383	403,969	16,476	16,225	16,202
N. C.	27,680	28,654	33,826	642,550	460,083	633,240	28,780	28,442	29,890
S. C.	14,452	16,196	18,520	296,574	246,214	332,234	14,072	14,142	15,759
Ga.	27,640	30,355	32,870	627,171	481,197	624,765	27,821	27,614	28,797
Fla.	21,293	23,573	28,614	493,880	421,984	614,464	19,474	20,872	25,251
<b>E. S. C.</b>	<b>86,316</b>	<b>90,688</b>	<b>101,066</b>	<b>2,137,499</b>	<b>1,371,619</b>	<b>1,845,937</b>	<b>89,610</b>	<b>85,088</b>	<b>93,026</b>
Ky.	25,927	28,139	30,919	577,929	382,761	520,135	27,131	28,964	28,970
Tenn.	22,368	26,470	28,198	632,612	477,720	606,489	24,067	25,617	25,960
Ala.	20,456	21,351	23,916	518,972	334,223	435,973	20,845	19,870	21,715
Miss.	16,564	14,728	18,032	407,966	176,915	282,440	17,577	14,228	16,360
<b>W. S. C.</b>	<b>126,542</b>	<b>132,615</b>	<b>159,768</b>	<b>3,654,572</b>	<b>2,284,669</b>	<b>3,101,358</b>	<b>131,446</b>	<b>126,539</b>	<b>148,785</b>
Ark.	17,167	17,653	20,328	406,206	238,809	298,301	18,510	17,478	19,071
La.	22,559	22,615	25,469	409,765	341,911	486,250	23,081	20,797	22,845
Okla.	25,984	24,734	28,722	781,121	430,084	513,091	26,220	23,837	27,221
Tex.	62,832	67,613	85,249	1,997,490	1,273,756	1,803,716	64,636	64,427	79,649
<b>Mt.</b>	<b>42,622</b>	<b>45,599</b>	<b>57,459</b>	<b>1,515,312</b>	<b>1,082,860</b>	<b>1,427,541</b>	<b>40,685</b>	<b>42,196</b>	<b>53,112</b>
Mont.	6,521	7,490	8,481	238,293	165,556	222,008	6,220	6,628	7,867
Idaho	4,624	5,553	6,804	165,352	137,855	175,873	4,425	4,999	6,233
Wyo.	2,837	3,323	4,113	101,467	81,439	100,233	2,780	3,051	3,863
Colo.	13,139	13,504	16,786	457,413	298,156	409,103	12,393	12,387	15,770
N. Mex.	3,941	4,610	6,617	118,833	87,691	125,785	4,031	4,396	6,139
Ariz.	4,766	4,939	6,242	193,618	118,874	162,008	4,852	4,600	5,726
Utah	4,964	5,565	6,372	193,286	130,050	170,728	4,697	4,710	5,580
Nev.	1,230	1,615	2,045	48,861	43,039	61,828	1,291	1,427	2,004
<b>Pac.</b>	<b>115,168</b>	<b>124,080</b>	<b>155,568</b>	<b>4,331,837</b>	<b>3,147,501</b>	<b>4,298,759</b>	<b>115,266</b>	<b>125,549</b>	<b>145,480</b>
Wash.	20,836	23,587	25,682	745,891	521,126	668,790	19,806	22,046	24,798
Oreg.	13,544	14,523	16,458	443,303	329,636	442,169	13,765	13,560	15,757
Calif.	80,788	85,970	112,428	2,142,643	2,296,679	3,187,809	81,678	89,923	107,905

## RETAIL TRADE—SUMMARY, BY STATES: 1929, 1935, AND 1939—Continued

RD	EMPLOYEES, FULL-TIME AND PART-TIME (AVERAGE FOR YEAR) <sup>1</sup>			TOTAL PAY ROLL (THOUSANDS OF DOLLARS) <sup>1</sup>			STOCKS ON HAND, END OF YEAR, AT COST (THOUSANDS OF DOLLARS)		
	1929	1935	1939	1929	1935	1939	1929	1935	1939
.....	4,286,516	3,598,258	4,500,217	5,044,128	3,568,167	4,529,499	7,199,656	4,271,380	5,118,583
.....	353,152	334,883	352,133	411,822	217,000	377,957	508,262	308,486	361,784
.....	26,536	23,905	28,113	26,895	21,389	26,079	51,878	22,383	37,814
.....	16,697	15,868	18,149	16,216	14,524	17,322	27,306	18,388	21,408
.....	11,229	9,739	12,010	12,210	8,483	10,707	26,225	15,488	17,887
.....	202,958	183,419	208,312	236,296	179,250	212,966	256,867	149,957	170,600
.....	81,228	28,522	80,301	35,203	27,335	30,978	40,459	24,947	29,209
.....	66,504	63,240	70,248	85,003	66,010	79,905	104,027	65,343	78,866
.....	1,463,140	969,724	1,065,612	1,362,975	976,484	1,170,430	1,886,856	1,065,256	1,245,297
.....	562,797	521,430	567,150	773,333	562,113	660,093	1,031,966	609,118	679,706
.....	141,960	134,786	153,673	187,635	138,575	171,619	245,037	135,686	166,727
.....	358,363	313,508	347,790	402,007	275,796	338,718	609,833	340,450	398,664
.....	990,429	861,846	1,031,047	1,217,620	790,551	1,028,315	1,514,132	852,202	1,046,193
.....	260,793	239,145	270,425	310,955	217,016	271,073	382,512	210,104	252,393
.....	115,269	96,473	128,192	122,122	80,388	110,895	172,275	100,083	129,048
.....	331,078	268,888	332,003	428,553	259,578	339,072	501,678	272,381	337,698
.....	180,121	161,314	198,018	237,340	150,637	204,026	278,496	157,605	197,524
.....	103,168	96,026	107,409	118,650	62,932	103,249	182,071	112,079	129,330
.....	454,292	406,823	469,926	482,899	324,037	401,238	558,796	513,508	584,556
.....	90,918	90,967	106,282	101,246	81,798	104,204	165,169	111,318	135,966
.....	83,128	71,802	87,684	63,502	54,768	72,514	158,330	92,696	112,693
.....	136,641	122,579	132,583	148,283	102,281	119,237	222,154	131,163	142,484
.....	16,333	13,776	15,227	17,487	11,906	12,960	44,670	25,275	27,234
.....	19,731	15,252	17,307	19,822	11,827	13,592	47,637	27,144	28,773
.....	46,579	40,135	44,353	48,188	32,518	36,221	99,284	59,042	64,464
.....	63,062	51,312	56,490	64,371	38,960	42,510	119,354	66,867	72,922
.....	399,711	417,269	519,636	407,206	338,898	447,647	626,201	416,363	512,528
.....	8,947	8,942	10,672	9,551	8,226	11,168	14,362	9,708	12,193
.....	58,616	58,612	70,750	62,764	50,840	66,079	77,961	52,101	61,590
.....	33,806	41,875	48,072	43,306	43,473	50,007	37,483	29,009	35,511
.....	58,513	57,104	74,864	59,659	47,776	63,867	104,492	68,187	82,708
.....	36,087	36,776	42,818	40,968	31,142	38,263	72,018	44,612	51,252
.....	59,317	59,328	79,404	56,123	43,602	60,052	104,862	68,417	79,483
.....	29,450	32,659	41,119	25,316	22,229	29,093	38,583	27,080	32,330
.....	65,001	65,782	78,947	58,792	46,195	58,874	95,614	65,698	80,723
.....	49,974	56,391	73,190	50,727	45,415	64,244	80,846	55,651	76,748
.....	194,708	172,429	211,275	187,323	127,368	162,575	337,197	196,082	241,307
.....	52,341	47,268	55,062	51,667	36,101	46,090	97,608	58,087	71,413
.....	61,140	60,310	71,869	59,144	45,948	55,924	97,450	63,061	75,761
.....	49,730	41,818	51,830	46,791	29,806	37,826	82,169	46,452	55,967
.....	32,497	23,008	32,514	29,721	15,443	22,735	59,970	28,482	38,146
.....	324,466	285,962	366,048	336,039	220,358	293,418	593,586	332,829	413,628
.....	33,482	27,590	32,581	31,980	19,138	23,775	71,528	39,544	45,826
.....	49,207	49,608	63,638	47,698	36,369	49,000	71,810	47,224	56,775
.....	65,944	62,709	59,968	71,931	40,440	48,953	127,427	65,437	75,801
.....	175,853	156,045	209,841	184,414	124,414	171,690	322,821	180,624	235,126
.....	127,736	112,436	145,240	150,639	106,896	145,205	245,900	152,158	188,116
.....	17,822	17,278	19,963	22,493	18,267	21,506	44,684	28,979	32,061
.....	12,638	12,828	16,540	14,989	12,445	16,189	28,303	19,316	23,970
.....	7,394	7,213	8,938	9,429	7,305	9,346	17,777	12,311	14,626
.....	43,360	33,370	45,063	49,100	29,409	43,503	73,013	40,212	53,085
.....	9,413	9,211	12,846	9,935	8,121	11,596	20,047	14,534	18,577
.....	15,490	12,826	16,577	18,938	12,202	17,119	26,544	15,355	19,561
.....	18,237	15,562	19,562	20,968	14,317	18,743	27,323	15,938	18,711
.....	3,382	4,149	5,822	4,897	4,810	7,204	8,209	5,513	7,339
.....	278,862	347,896	436,199	487,815	356,555	502,714	632,724	414,399	523,279
.....	65,736	66,377	66,852	80,839	55,327	75,403	109,364	70,035	81,527
.....	39,017	34,241	41,720	46,167	33,000	44,154	71,068	46,517	57,978
.....	272,067	257,278	327,627	360,809	268,228	383,155	452,272	297,847	383,765

<sup>1</sup> and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.

Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. I, Retail Trade, Part 3.

# No. 1060.—RETAIL SALES OF CHAIN STORES AND MAIL-ORDER HOUSES, BY KINDS OF BUSINESS: 1933 TO 1947

(Millions of dollars)

KIND OF BUSINESS	1933	1935	1939	1941	1943	1944	1945	1946	1947 <sup>1</sup>
<b>Total sales</b> .....	8,818	8,040	9,870	12,434	14,431	15,484	16,309	21,072	25,216
<b>Durable goods stores</b> .....	530	523	1,049	1,429	1,224	1,291	1,495	2,215	2,766
Automotive group .....	191	355	372	488	313	335	371	542	600
Motor-vehicle dealers .....	115	168	136	185	41	42	47	119	202
Parts and accessories .....	76	187	236	303	272	293	324	523	497
Building materials and hardware group .....	182	289	400	504	558	592	675	■	1,179
Building materials .....	182	266	350	491	498	527	602	760	1,066
Farm implements .....	2	15	25	35	19	22	25	32	42
Hardware .....	18	18	25	38	41	43	48	70	79
Home furnishings group .....	146	102	239	312	240	248	293	553	728
Furniture and house furnishings .....	86	97	151	176	162	165	183	276	323
Household appliances and radios .....	60	65	88	135	78	83	110	277	405
Jewelry .....	11	22	38	65	113	116	126	165	154
<b>Nondurable goods stores</b> .....	8,088	7,212	8,521	11,005	13,207	14,193	14,844	18,857	22,450
Apparel group <sup>2</sup> .....	589	758	991	1,309	1,861	2,050	2,213	2,303	2,754
Men's clothing and furnishings .....	112	141	173	242	270	304	324	437	485
Women's apparel and accessories .....	215	260	394	531	939	1,058	1,142	■	1,271
Shoes .....	221	279	345	430	501	517	565	705	767
Drug stores .....	267	317	400	479	654	681	704	830	833
Eating and drinking places .....	182	248	304	361	481	509	531	596	618
Food group .....	2,594	2,916	3,340	4,352	5,193	5,594	5,714	7,404	9,681
Grocery and combination .....	2,209	2,466	2,833	3,745	4,337	4,710	4,769	5,291	8,496
Other food .....	385	450	507	607	856	884	945	1,113	1,245
Filling stations .....	544	423	288	308	189	186	217	294	373
General merchandise group <sup>3</sup> .....	1,589	2,124	2,603	3,532	3,904	4,209	4,406	■	6,756
Department, dry goods, and general merchandise <sup>3</sup> .....	751	990	1,330	1,836	2,006	2,215	2,376	3,249	3,841
Mail-order <sup>3</sup> .....	220	386	464	617	574	601	398	941	1,145
Variety .....	618	709	848	1,016	1,231	1,291	1,327	1,532	1,632
Other retail stores .....	323	426	505	666	926	962	1,059	1,294	1,443

<sup>1</sup> Preliminary.<sup>2</sup> Apparel group totals for all years and general merchandise group totals for 1935-47 include other related business not separately shown.<sup>3</sup> Catalog business only is shown as mail-order sales; sales of retail stores owned by mail-order companies are included with department, dry goods, and general merchandise stores.

Source: Department of Commerce, 1933, 1935, and 1939, Bureau of the Census; Census of Business, 1939, Vol. I, Retail Trade, Part 1. Other years, estimates by Bureau of Foreign and Domestic Commerce, based on trends shown by currently reported data of chain organizations. Current data published in Survey of Current Business.

# No. 1061.—RETAIL SALES OF CHAIN STORES AND MAIL-ORDER HOUSES—INDEXES OF DAILY AVERAGE SALES ADJUSTED FOR SEASONAL VARIATION: 1944 TO 1947

[1935-39=100]

MONTH	TOTAL CHAIN STORE AND MAIL ORDER				GROCERY AND COMBINATION STORES		DRUG STORES		APPAREL STORES		GENERAL MERCHANDISE STORES AND MAIL ORDER	
	1944	1945	1946	1947 <sup>1</sup>	1944	1947 <sup>1</sup>	1944	1947 <sup>1</sup>	1944	1947 <sup>1</sup>	1944	1947 <sup>1</sup>
January .....	163.9	176.7	213.2	252.7	217.1	■	214.7	230.6	259.1	260.6	210.2	239.6
February .....	160.4	175.6	217.7	262.0	215.8	306.8	224.6	236.0	276.5	261.6	212.9	■
March .....	167.3	181.4	223.6	260.9	216.8	311.3	216.5	231.9	287.7	267.9	222.8	299.2
April .....	165.3	168.0	223.8	275.7	217.9	320.1	222.5	229.1	292.4	292.0	228.1	267.6
May .....	174.2	171.8	224.3	278.6	219.6	316.1	228.0	■	272.9	306.0	230.1	271.7
June .....	171.9	174.4	225.4	280.9	214.6	316.7	■	223.9	288.4	■	234.6	275.2
July .....	173.5	182.5	233.6	280.5	229.2	■	228.7	222.9	267.7	306.8	243.7	273.7
August .....	175.4	177.8	254.2	280.3	268.8	■	233.9	■	■	300.6	255.8	■
September .....	174.5	177.3	241.7	291.0	244.4	326.0	230.2	■	292.0	326.1	245.4	■
October .....	179.2	189.5	240.1	■	247.0	339.5	■	227.2	■	300.6	245.4	275.6
November .....	179.4	198.2	262.0	297.4	280.3	338.1	237.3	226.0	281.3	323.3	241.7	292.6
December .....	175.9	198.7	261.8	301.9	■	337.5	235.2	226.8	263.3	320.8	263.5	306.6
Annual .....	172.5	181.6	234.9	■	238.9	320.3	227.7	■	264.0	261.6	236.0	275.6

<sup>1</sup> Preliminary.

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce; published currently in the Survey of Current Business.



12.—SALES OF NEW PASSENGER AUTOMOBILES—INDEXES OF DOLLAR SALES  
ADJUSTED FOR SEASONAL VARIATION: 1929 TO 1941

Consumer outlay on new passenger automobiles relative to base period 1935-39. Based on actual dollar sales of new cars sold by dealers each month, converted to a dollar basis by application of an estimated average price per car. Number of cars sold was reported each month to Automobile Manufacturers' Association and represents 95 percent of all dealers' sales. Series discontinued for the duration of the war will be resumed when data become available.

[Daily average basis, 1935-39=100]

MONTH	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941
Jan.	165	124	80	53	47	38	86	117	85	57	89	125	178
Feb.	151	125	81	49	37	60	96	87	91	62	87	125	209
Mar.	163	118	77	37	31	65	95	112	131	71	101	127	183
Apr.	167	113	83	41	33	65	85	105	118	69	91	127	189
May	158	109	73	41	40	60	76	107	136	70	101	123	210
June	142	94	65	45	62	67	84	112	134	64	98	137	182
July	185	89	70	30	56	72	87	115	149	73	104	141	196
Aug.	178	92	61	36	55	65	83	97	149	68	98	113	194
Sept.	174	97	59	38	63	63	100	127	140	72	102	97	57
Oct.	184	87	54	32	69	66	102	137	136	63	96	124	63
Nov.	149	78	54	32	67	68	101	147	91	90	97	135	128
Dec.	128	98	72	42	36	57	88	130	70	100	121	169	162
Annual index	163	104	70	39	48	63	92	116	120	73	100	131	156

Department of Commerce, Bureau of Foreign and Domestic Commerce; published in the Survey of Current Business prior November 1942.

13.—DEPARTMENT STORE SALES—INDEXES OF SALES, BY FEDERAL RESERVE DISTRICTS: 1922 TO 1947, AND BY MONTHS, 1943 TO 1947

Base=100. Based on value figures. Monthly data adjusted for seasonal variation. For a description of this revised index of sales, see pp. 542-551, Federal Reserve Bulletin, June 1944.

	United States	Boston	New York	Philadelphia	Cleveland	Richmond	Atlanta	Chicago	St. Louis	Minneapolis	Kansas City	Dallas	San Francisco
1922	94	112	99	122	95	75	85	83	103	112	112	96	74
1923	105	119	106	135	108	85	94	99	115	120	112	91	90
1924	105	121	110	134	106	87	91	96	114	119	119	94	92
1925	110	123	116	135	109	92	95	102	120	124	124	98	98
1926	113	127	120	138	110	96	99	106	121	119	123	103	104
1927	114	128	123	133	110	95	100	108	119	117	125	101	107
1928	115	126	124	127	110	95	100	114	120	110	119	103	110
1929	117	128	129	128	116	96	96	116	123	110	117	104	112
1930	108	123	126	118	105	92	91	101	110	106	111	96	104
1931	97	114	116	103	93	84	79	86	87	98	96	81	92
1932	75	90	91	83	68	66	60	67	76	79	74	61	69
1933	73	84	86	80	69	68	62	68	72	76	73	62	66
1934	82	90	91	88	81	61	75	79	83	85	85	76	74
1935	88	92	93	91	86	67	74	86	85	90	89	80	84
1936	100	100	101	102	101	95	97	100	97	99	99	97	99
1937	107	104	106	107	111	105	106	109	106	104	107	105	106
1938	99	100	99	96	96	101	103	98	102	101	100	106	101
1939	106	104	101	104	106	109	113	107	111	106	106	112	109
1940	114	108	106	111	114	120	123	116	119	109	110	116	119
1941	133	126	119	129	128	144	145	135	143	123	127	138	139
1942	150	140	128	143	153	170	162	149	158	129	149	157	171
1943	166	149	135	151	167	194	204	161	179	146	164	212	203
1944	187	162	150	167	162	215	244	176	206	164	205	245	223
1945	207	176	169	184	201	236	275	193	227	165	229	276	247
1946	264	221	220	236	257	290	345	250	292	247	287	352	306
1947	295	235	239	261	251	303	366	275	314	274	311	374	331

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1943	163	168	157	161	162	170	168	167	167	172	173	171
1944	174	170	177	178	155	178	186	188	192	198	199	200
1945	197	205	213	184	191	204	214	202	206	213	220	221
1946	227	246	253	252	259	277	272	291	271	288	270	276
1947	265	266	272	277	291	290	297	262	282	277	301	308

Board of Governors of the Federal Reserve System and Federal Reserve Bank in each district. Published in Federal Reserve Bulletin.

## No. 1064.—SERVICE ESTABLISHMENTS—SUMMARY, BY SERVICE GROUPS AND KIND OF BUSINESS: 1939

[See headnote, table 1065]

KIND OF BUSINESS	Number of establishments	Receipts (thousands of dollars)	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year) <sup>1</sup>	PAY ROLL (THOUSANDS OF DOLLARS) <sup>1</sup>		
					Total	Full-time	Part-time
<b>All kinds of business, total.</b>	<b>1,646,028</b>	<b>13,420,417</b>	<b>652,491</b>	<b>1,162,047</b>	<b>1,069,837</b>	<b>861,467</b>	<b>108,420</b>
<b>Personal services</b>							
Barber shops	117,998	230,083	124,606	66,786	55,557	51,406	4,151
Barber and beauty shops	4,199	18,618	4,821	9,289	7,321	6,972	349
Baths and masseurs' establishments (Turkish, etc.)	1,600	5,979	1,557	2,106	1,848	1,541	107
Beauty parlors	83,071	231,670	85,419	99,296	74,496	69,286	5,210
Cleaning, dyeing, pressing, alteration, and repair shops	52,616	140,578	52,398	29,662	21,478	17,977	3,501
Cleaning and dyeing plants <sup>2</sup>	11,604	182,698	11,845	82,810	60,014	76,038	3,976
Cleaning and renovating hats	1,288	4,374	1,366	1,531	1,015	911	104
Costume and dress-suit rental agencies	417	4,070	387	1,003	1,321	1,107	214
Funeral directors, embalmers, and crematories	18,196	261,817	18,239	32,843	40,676	37,483	3,193
Fur repair and storage shops	2,180	12,676	2,166	2,270	2,294	1,868	426
Laundries, hand	15,245	45,783	17,496	11,667	7,515	6,408	1,107
Laundries, power, total <sup>2</sup>	6,773	453,579	5,174	249,008	232,806	227,392	5,414
Doing linen supply service only	352	37,141	198	13,342	14,970	14,909	61
Doing 50 percent or more linen supply service	92	16,601	61	6,401	7,904	7,706	196
Doing less than 50 percent linen supply service	655	92,963	538	52,127	48,944	47,853	1,092
Doing no linen supply service	5,474	306,764	4,377	177,138	161,786	156,922	4,866
Linen supply service without laundry facilities	718	28,391	346	5,287	7,941	7,877	64
Photographic studios	10,957	64,185	10,417	14,579	15,080	14,617	1,073
Rug cleaning establishments <sup>3</sup>	1,012	10,618	949	3,429	3,968	3,601	367
Shoe repair shops	50,115	106,737	49,685	18,194	13,349	12,112	1,237
Shoe shine parlors	7,968	8,210	8,064	2,896	1,133	952	181
Travel bureaus (including ticket agents and brokers)	741	9,173	624	1,656	2,753	2,650	103
Other personal services	3,061	8,972	2,942	2,526	2,184	2,022	162
<b>Business services</b>							
Adjustment and credit bureaus, and collection agencies	2,576	48,135	1,732	18,548	23,238	22,754	484
Advertising agencies	1,628	97,372	1,070	16,636	33,546	32,892	654
Auctioneers' establishments (service only)	970	5,213	996	3,201	1,650	1,073	576
Billboard advertising service	679	48,844	386	8,688	14,836	14,313	523
Blueprinting and photostat laboratories	500	12,961	387	2,093	3,978	3,917	61
Booking agents' offices (theatrical, etc.)	520	10,545	461	1,638	3,863	3,715	148
Coin-operated machine rental and repair service	1,554	30,576	1,506	4,177	5,852	5,729	123
Cotton compresses	815	29,183	4	13,691	9,677	6,558	3,119
Court reporting and public stenographic agencies	1,329	4,767	1,341	780	891	701	190
Dental laboratories	2,080	26,759	2,208	6,826	9,106	8,967	139
Detective agencies	280	4,128	184	2,559	2,677	1,851	826
Disinfecting and exterminating service	952	11,143	748	3,640	4,606	4,149	457
Duplicating, addressing, mailing, and mailing list service	1,433	17,582	1,404	8,324	7,060	6,005	1,045
Employment agencies	1,424	7,861	1,419	1,990	2,777	2,664	113
Photo finishing laboratories	1,201	16,111	1,180	4,081	4,561	4,110	451
Sign painting shops	5,391	16,803	5,741	3,311	3,488	2,712	775
Window cleaning service	823	11,781	869	6,316	6,695	6,328	367
Window display service	215	3,059	192	884	1,199	965	234
Other business services	4,772	148,211	3,472	52,165	61,428	52,347	9,081
<b>Services allied to transportation:</b>							
Packing and crating service	110	3,146	79	1,671	1,213	828	386
Stevedoring service	198	53,791	24	54,796	38,612	8,182	30,430
Stockyard service	95	15,674	59	3,556	4,922	4,616	306
Warehousing, cold storage	906	29,870	539	7,149	9,923	9,344	579
Warehousing, cotton	453	4,953	261	1,892	1,337	967	370
Warehousing, farm products	201	6,619	99	2,441	2,670	2,287	383
Warehousing, other	1,752	50,713	738	20,341	28,980	20,728	8,252
Weighing service	140	2,136	122	1,328	1,103	599	504
Other services allied to transportation	119	5,134	21	2,421	2,596	2,368	228
<b>Automotive repairs and services</b>							
Automobile brake repair shops	487	4,876	500	896	1,162	1,125	37
Automobile laundries	960	2,941	987	1,490	899	696	196
Automobile paint shops	1,300	6,220	1,466	1,705	1,731	1,480	251
Automobile radiator shops	1,069	4,631	1,133	895	982	823	159
Automobile rental service	648	20,251	380	3,919	5,398	4,909	489
Automobile repair shops (general)	81,827	228,214	55,389	42,919	43,461	40,470	2,991
Automobile storage garages	4,821	70,315	3,844	15,000	18,194	17,541	653
Automobile top and body repair shops	6,232	44,678	7,067	11,906	13,693	12,892	801

For footnotes, see next page.

## I.—SERVICE ESTABLISHMENTS—SUMMARY, BY SERVICE GROUPS AND KIND OF BUSINESS: 1939—Continued

[See headnote, table 1055]

KIND OF BUSINESS	Number of establishments	Receipts (thousands of dollars)	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year) <sup>1</sup>	PAY ROLL (THOUSANDS OF DOLLARS) <sup>1</sup>		
					Total	Full-time	Part-time
repairs and services—Con-							
d ignition repair shops	2,073	10,228	2,201	1,043	1,597	1,502	95
shops	6,274	31,755	4,282	8,470	6,961	6,375	586
and spring repair shops	2,215	8,222	2,363	1,178	1,064	974	90
motive repairs	413	5,040	424	1,092	1,572	1,523	49
services (except automobile, and shoes)	542	3,521	648	723	826	787	39
rewinding shops	978	12,873	1,033	3,090	3,783	3,597	186
hair shops	1,801	3,435	1,621	479	307	269	38
shops	16,797	22,557	17,266	3,832	2,637	2,282	345
shops	464	3,418	451	1,043	1,227	997	230
appliance repair shops	3,615	16,926	3,732	3,149	3,496	3,166	330
and leather goods repair shops	2,168	3,809	2,178	349	249	218	31
and gunsmith shops	2,252	5,251	2,248	736	722	696	26
instrument repair shops	461	1,033	476	100	109	101	8
organ tuning and repair service	521	913	836	116	122	108	14
hair shops	10,732	21,687	11,000	2,591	2,004	1,758	246
hair service and repair shops	1,297	9,222	1,410	1,846	2,338	2,211	127
shoe sharpening and repair shops	1,451	3,875	1,501	679	883	824	58
hair shops	365	977	380	200	173	152	21
hair repair shops	618	2,322	643	433	423	396	25
and furniture repair shops	9,685	35,095	10,281	7,202	6,915	6,753	1,162
clock, and jewelry repair shops	12,485	29,902	12,530	2,803	2,946	2,753	193
shoe repair shops	355	1,058	361	118	136	132	4
hair services	6,749	24,079	6,895	4,994	5,647	4,958	689
industries							
and tent manufacturing establishments (including repairs)	942	6,872	903	1,667	1,626	1,425	201
ing establishments	314	1,018	340	310	246	211	35
shops	705	2,031	722	499	328	200	68
working shops (including wood-							
and presses	2,882	6,430	3,049	1,201	976	768	208
lighting establishments	241	177	244	50	23	13	10
ing, embroidering, and button-	268	356	285	161	83	60	17
shops	9,217	9,872	7,777	2,512	1,099	619	280
shops	808	1,846	842	677	404	296	108
shops	3,117	9,056	3,354	2,100	1,855	1,600	255
renovating and repair shops	1,386	5,524	1,473	1,350	967	839	128
ing shops	379	1,469	412	397	399	335	54
manufacturing establishments (including repairs)	399	3,156	360	670	901	842	59
and publishing shops	13,570	35,351	13,835	9,046	5,441	4,441	1,000
and planing mills (including logging)	12,775	19,605	13,097	21,516	6,320	3,452	2,868
shops	1,463	3,999	1,547	827	606	395	211
ding shops	863	11,621	860	1,957	2,142	2,073	69
apparel contract work shops	518	1,801	604	953	536	295	241
shops	4,118	15,102	4,357	2,203	3,437	3,065	372
dom and manufacturing industries	11,608	35,154	11,356	12,183	7,964	6,344	1,620
in services							
libraries	783	3,067	709	505	435	402	33
corating service	451	4,365	454	663	783	671	112
gardening and tree surgery	1,148	13,574	1,194	5,369	5,789	5,007	782
shops	201	1,204	195	360	275	256	19
shops	363	833	364	171	197	170	27
miscellaneous services	3,377	26,788	3,197	10,935	13,853	12,328	1,525

<sup>1</sup> Number and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.

<sup>2</sup> For 1935, adjusted for comparison, are as follows: Number of establishments, 631,309; receipts, \$1,000,000,000. The adjustment was made by revising the original 1935 figures to include certain kinds of businesses included in the Service Census but were published in other census reports and by excluding others within the scope of the 1935 census but were omitted from the 1939 census. For a comparison of the industries, see source.

<sup>3</sup> For earlier years, see table 1058, p. 980.

<sup>4</sup> Manufacturing plants with products valued at less than \$5,000 and therefore not covered by the manufactures.

Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. III, Service Establishments.

## No. 1065.—SERVICE ESTABLISHMENTS—SUMMARY, BY STATES: 1939

[The census of service establishments covers a heterogeneous group of establishments (see table 1064) engaged primarily in the sale of service, as distinguished from establishments dealing in merchandise. The professional field, the financial, educational, transportation, construction, and diverse other fields of business activity, many of which are covered elsewhere, are not included. Owing to differences in the scope of the 1935 and 1939 censuses of service establishments, the aggregates for 1939 are not comparable with those for 1935 as published in the 1937-40 issues of the Abstract]

DIVISION AND STATE	Number of establishments	Receipts (thousands of dollars)	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year) <sup>1</sup>	PAY ROLL (THOUSANDS OF DOLLARS) <sup>1</sup>		
					Total	Full-time	Part-time
United States.....	546,828	7,420,417	462,491	1,102,047	1,089,687	961,467	108,420
New England.....	45,865	234,831	44,593	68,991	69,513	62,707	6,806
Maine.....	4,303	14,701	4,230	4,642	3,814	3,138	676
New Hampshire.....	2,204	9,429	2,268	2,974	2,418	2,210	208
Vermont.....	1,785	5,582	1,797	1,544	1,239	1,104	135
Massachusetts.....	24,783	138,433	24,211	41,030	42,566	37,969	4,597
Rhode Island.....	3,938	21,243	3,889	6,123	6,098	5,654	444
Connecticut.....	8,352	48,033	8,192	12,678	13,376	12,632	746
Middle Atlantic.....	160,913	1,003,170	166,316	277,263	326,727	294,758	31,969
New York.....	92,900	665,540	96,540	177,285	225,816	203,413	22,403
New Jersey.....	22,864	124,530	22,180	38,019	40,081	36,399	3,682
Pennsylvania.....	45,149	213,100	46,496	61,959	60,830	54,946	5,884
East North Central.....	129,616	729,873	130,902	211,989	226,253	210,817	15,436
Ohio.....	34,174	176,094	34,463	50,674	52,174	48,080	4,094
Indiana.....	16,662	64,131	17,164	20,434	17,479	16,313	1,166
Illinois.....	42,697	294,956	43,140	84,810	98,074	91,932	6,142
Michigan.....	23,624	133,271	22,533	38,153	41,725	39,147	2,578
Wisconsin.....	13,468	62,421	13,402	18,018	16,801	15,345	1,456
West North Central.....	71,447	282,243	73,073	89,766	77,266	71,141	6,124
Minnesota.....	14,063	63,963	14,586	18,606	18,111	16,607	1,504
Iowa.....	13,756	47,727	14,185	13,412	10,854	9,900	954
Missouri.....	20,498	98,938	20,606	34,665	31,378	29,234	2,144
North Dakota.....	2,500	6,643	2,563	1,760	1,407	1,298	109
South Dakota.....	2,964	8,205	2,990	2,560	1,760	1,593	157
Nebraska.....	7,619	26,372	7,820	8,511	6,715	6,144	571
Kansas.....	10,047	30,397	10,333	10,191	6,990	6,405	585
South Atlantic.....	62,832	307,972	60,199	137,394	162,364	91,778	16,529
Delaware.....	1,444	6,758	1,388	1,977	1,709	1,604	135
Maryland.....	8,497	45,218	8,415	17,481	18,498	13,303	5,195
District of Columbia.....	3,630	89,491	3,723	13,610	14,836	14,287	549
Virginia.....	9,183	44,230	8,840	20,823	15,189	12,813	2,376
West Virginia.....	5,192	19,662	5,116	6,796	5,713	5,368	345
North Carolina.....	10,502	42,121	10,269	21,791	13,770	12,460	1,310
South Carolina.....	5,851	18,877	5,653	10,730	5,982	5,362	620
Georgia.....	10,068	45,657	9,465	23,440	14,383	12,942	1,440
Florida.....	8,236	46,568	7,940	20,765	18,113	13,685	4,428
East South Central.....	34,169	180,125	32,935	63,390	39,614	34,654	4,960
Kentucky.....	9,364	34,093	9,205	13,385	9,700	8,893	807
Tennessee.....	9,415	44,037	9,372	20,037	13,632	12,549	1,083
Alabama.....	9,001	31,361	8,282	17,977	9,961	8,178	1,783
Mississippi.....	6,389	20,834	6,076	11,991	6,261	5,064	1,197
West South Central.....	56,864	232,235	56,930	102,243	69,354	63,320	7,034
Arkansas.....	6,696	22,672	6,829	9,762	5,933	5,049	884
Louisiana.....	6,867	36,402	6,766	18,552	12,786	11,039	1,747
Oklahoma.....	10,726	35,903	10,969	13,321	9,742	8,900	732
Texas.....	31,575	137,198	32,346	60,613	41,473	37,242	4,231
Mountain.....	18,668	82,924	19,035	25,738	23,066	21,167	1,899
Montana.....	2,632	10,356	2,754	2,523	2,413	2,121	292
Idaho.....	2,140	8,030	2,227	2,397	2,088	1,899	189
Wyoming.....	1,190	4,467	1,263	1,329	1,073	974	99
Colorado.....	6,186	27,473	6,333	9,422	8,221	7,648	573
New Mexico.....	1,612	6,362	1,573	2,202	1,714	1,664	150
Arizona.....	1,319	10,880	1,867	3,283	3,185	2,943	242
Utah.....	2,387	11,416	2,399	3,753	3,392	3,151	241
Nevada.....	593	3,348	617	830	969	897	112
Pacific.....	67,725	415,654	69,608	125,329	135,332	112,698	22,634
Washington.....	10,266	53,610	10,264	19,351	17,175	13,218	3,957
Oregon.....	6,266	34,203	6,428	11,376	10,910	8,768	2,142
California.....	51,223	328,141	52,916	94,602	107,247	90,692	17,156

<sup>1</sup> Employees and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses. <sup>2</sup> See note 2, table 1064.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. III, Service Establishments.

SERVICE TRADE—EMPLOYMENT BY SIZE OF ESTABLISHMENT, BASED ON NUMBER EMPLOYED: 1939

[See headnote, table 1065]

NUMBER OF EMPLOYEES PER ESTABLISHMENT	ESTABLISHMENTS		Number of proprietors of unincorporated businesses	Number of employees
	Number	Percent of total		
	646, 038	100. 0	652, 491	1, 162, 047
	7, 758	1. 2	3, 033	489, 871
	12, 087	1. 9	8, 147	130, 900
	9, 863	1. 5	8, 212	62, 836
	22, 290	3. 4	19, 613	96, 737
	26, 846	4. 2	24, 743	78, 309
	54, 076	8. 4	51, 036	106, 249
	147, 865	22. 9	146, 406	126, 812
Employees.....	365, 243	56. 5	391, 239	

on monthly average basis.  
Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. III, Service Establish-

67.—PLACES OF AMUSEMENT—SUMMARY, BY KIND OF BUSINESS: 1939

covers places of amusement, except those operated by educational institutions; religious, charitable, or fraternal agencies; governmental or civic bodies; and nonprofit organizations]

KIND OF BUSINESS	Num-ber of estab-lish-ments	Re-ceipts (thou-sands of dol-lars)	Active propri-eters of unincor-porated busi-nesses	Employ-ees, full-time and part-time (average for year) <sup>1</sup>	PAY ROLL (THOUSANDS OF DOLLARS) <sup>1</sup>		
					Total	Full-time	Part-time
	44, 917	998, 079	33, 971	223, 229	225, 481	205, 211	20, 270
Services.....	1, 093	7, 314	706	1, 600	1, 504	1, 363	141
Amusement parks.....	245	10, 123	148	3, 798	2, 997	2, 535	462
Theatres.....	550	4, 946	831	3, 467	3, 654	2, 978	676
Amusement places (not including municipal).....	344	1, 994	264	682	534	465	69
Restaurants.....	247	433	247	76	46	41	5
Pool parlors.....	12, 998	38, 631	12, 773	9, 261	5, 892	5, 348	544
Recreational rental service.....	1, 382	1, 944	1, 341	413	276	211	65
Amusement places.....	4, 646	48, 819	4, 037	31, 557	17, 347	12, 862	4, 485
Amusement places (professional).....	276	24, 940	36	6, 430	10, 942	9, 910	1, 032
Amusement places, studios, and academies.....	2, 191	14, 166	2, 029	8, 128	4, 498	2, 872	1, 626
Automobile.....	36	978	24	337	132	51	81
Log.....	11	2, 775	3	314	720	633	87
Amusement places.....	45	40, 732	3	3, 796	7, 312	6, 028	1, 284
Amusement places.....	840	2, 875	765	1, 108	777	722	55
Amusement places.....	324	850	255	207	160	148	12
Amusement places.....	59	1, 693	24	498	503	441	62
Amusement places.....	1, 134	6, 550	1, 088	2, 624	1, 641	1, 243	398
Amusement places.....	78	5, 845	35	1, 354	1, 355	1, 145	210
Amusement places.....	110	3, 409	78	1, 623	875	236	339
Amusement places (not including municipal).....	668	2, 815	516	1, 009	712	572	140
Amusement places (including motion-pictures with vaudeville).....	15, 115	673, 045	6, 717	125, 184	131, 583	124, 165	7, 418
Amusement places (climate stage and opera; and the-	231	32, 461	83	4, 579	11, 459	11, 267	192
Amusement places.....	2, 294	70, 751	1, 969	15, 190	20, 862	19, 975	887

and pay roll include paid executives of corporations but not number and compensation of proprie-  
incorporated businesses.  
Statistics for New York World's Fair and Golden Gate International Exposition.  
Department of Commerce, Bureau of the Census; Census of Business, 1939; separate report, Places of  
and Vol. III, Service Establishments.

No. 1068.—POWER LAUNDRIES, CLEANING AND DYEING ESTABLISHMENTS, AND RUG CLEANING ESTABLISHMENTS—SUMMARY: 1919 TO 1939

[All money figures in thousands of dollars. Statistics cover establishments reporting receipts of \$5,000 or more except for 1939 figures in italics, which represent establishments reporting receipts of \$100 or more. The Census of Business for 1939 classified the establishments shown in this table as service establishments and covered those reporting receipts of \$100 or more. See also table 1064 for statistics for 1939. Statistics for 1935 and earlier years were compiled in connection with the Census of Manufactures. Rug cleaning was treated, in general, as an activity of the power laundry industry for 1929 and earlier years]

YEAR	Num-ber of estab-lish-ments	Propri-eters and firm mem-bers	Salaried employ-ees	Wage earners (average for year)	Salaries	Wages	Cost of sup-plies, fuel, and pur-chased electric energy	Cost of contract work	Re-ceipts for work done
<b>Power laundries:</b>									
1919.....	4,881	(1)	(1)	130,489	(1)	91,926	52,842	1,555	233,816
1925.....	4,859	3,851	15,412	169,200	31,613	162,466	55,407	1,107	362,295
1929.....	6,776	5,220	21,964	233,187	49,833	228,861	80,265	(2)	541,158
1935.....	6,316	4,244	19,920	208,354	34,586	154,791	62,796	2,356	369,452
1939.....	5,976	4,333	(3)	<sup>3</sup> 247,607	(4)	<sup>4</sup> 233,076	(1)	(1)	451,616
1939.....	6,773	5,174	(3)	<sup>3</sup> 249,008	(4)	<sup>4</sup> 233,606	(1)	(1)	463,579
<b>Cleaning and dyeing estab-lishments:</b>									
1919.....	1,748	(1)	(1)	18,408	(1)	17,866	11,511	461	53,183
1925.....	2,406	2,263	5,769	29,386	10,550	37,590	15,188	814	102,394
1929.....	5,296	4,912	9,244	59,148	20,390	75,931	26,837	(3)	201,255
1935.....	5,510	4,980	9,334	57,286	12,483	49,792	21,656	1,129	130,657
1939.....	7,219	7,280	(3)	<sup>3</sup> 78,492	(4)	<sup>4</sup> 77,649	(1)	(1)	171,072
1939.....	11,604	11,845	(3)	<sup>3</sup> 82,810	(4)	<sup>4</sup> 80,014	(1)	(1)	182,698
<b>Rug cleaning establishments:</b>									
1935.....	506	395	670	2,344	1,136	2,200	1,211	90	8,001
1939.....	498	406	(3)	<sup>3</sup> 3,108	(4)	<sup>4</sup> 3,760	(1)	(1)	9,317
1939.....	1,012	949	(3)	<sup>3</sup> 3,429	(4)	<sup>4</sup> 3,968	(1)	(1)	10,618

<sup>1</sup> No comparable data.  
<sup>2</sup> Included in figure for cost of supplies, fuel, and purchased electric energy.  
<sup>3</sup> Data for "Salaried employees" included in "Wage earners (average for year)."  
<sup>4</sup> Data for "Salaries" included in "Wages."  
Source: Department of Commerce, Bureau of the Census; 1935 and earlier years, reports of Biennial Census of Manufactures; 1939, Census of Business, separate report, Power Laundries, etc., and Vol. III, Service Establishments.

No. 1069.—HOTELS—SUMMARY, 1929 TO 1939, AND BY SIZE, 1939

[The census coverage of hotels is restricted, in the main, to establishments which are designated as hotels and which provide hotel accommodations as their major business activity. For 1935 and 1939, the canvass was limited to hotels having at least 6 guest rooms or having receipts from room rentals amounting to at least \$500 for a full year's operations. Because of differences in coverage for 1929, 1933, 1935, and 1939, comparable data are available only for year-round hotels having 25 or more guest rooms]

YEAR	Num-ber of hotels	Number of guest rooms	Receipts (thou-sands of dollars)	Employees, full-time and part-time (average for year) <sup>1</sup>	Total pay roll (thou-sands of dollars) <sup>1</sup>
<b>All hotels:</b>					
1935.....	28,822	1,428,646	720,145	291,165	191,845
1939.....	27,987	1,444,390	863,155	338,029	243,228
<b>Year-round hotels with 25 or more guest rooms: <sup>2</sup></b>					
1929.....	11,873	1,005,684	873,508	<sup>3</sup> 267,903	232,137
1933.....	10,680	890,866	398,674	<sup>3</sup> 190,183	118,489
1935.....	11,373	934,661	565,317	<sup>3</sup> 234,491	158,400
1939.....	11,836	983,756	686,305	279,155	202,997

ITEM	SIZE OF HOTEL, 1939 (NUMBER OF GUEST ROOMS)				
	Less than 25 rooms	25 to 49 rooms	50 to 99 rooms	100 to 299 rooms	300 rooms and over
Number of hotels.....	12,136	8,156	4,626	2,521	546
Receipts (1,000 dollars).....	62,275	78,967	119,631	258,972	343,310
Active proprietors of unincorporated businesses.....	12,025	7,702	3,350	907	34
Employees, full-time and part-time (average for year) <sup>1</sup> .....	20,285	30,273	47,578	108,458	131,435

<sup>1</sup> Employees and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.  
<sup>2</sup> No data included for California, as comparable figures for all years are not available.  
<sup>3</sup> Based on number of employees for April, July, October, and December.  
Source: Department of Commerce, Bureau of the Census; Census of Business, 1939; separate report, Hotels, and Vol. III, Service Establishments.



## No. 1070.—HOTELS—SUMMARY, BY STATES: 1939

[See headnote, table 1069]

AND STATE	Number of hotels	Number of guest rooms	RECEIPTS (THOUSANDS OF DOLLARS)					Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year) <sup>1</sup>	Total pay roll (thousands of dollars) <sup>1</sup>
			Total	Room rentals and sale of meals <sup>2</sup>	Sale of beverages	Sale of merchandise	Other			
<b>United States</b>	<b>27,267</b>	<b>1,444,590</b>	<b>863,155</b>	<b>685,953</b>	<b>107,505</b>	<b>15,596</b>	<b>53,701</b>	<b>24,918</b>	<b>338,029</b>	<b>243,228</b>
<b>all hotels</b>	<b>25,036</b>	<b>1,312,410</b>	<b>816,498</b>	<b>644,915</b>	<b>104,934</b>	<b>14,865</b>	<b>51,784</b>	<b>21,281</b>	<b>322,476</b>	<b>233,268</b>
<b>all states</b>	<b>2,951</b>	<b>131,960</b>	<b>46,657</b>	<b>41,088</b>	<b>2,571</b>	<b>1,131</b>	<b>1,917</b>	<b>2,737</b>	<b>15,553</b>	<b>9,970</b>
<b>Alabama</b>	1,523	58,846	49,899	37,329	9,891	717	1,962	1,239	19,641	14,119
Arkansas	402	15,463	6,493	5,236	1,050	111	96	363	2,552	1,527
California	241	9,089	4,815	3,716	871	112	116	220	1,744	1,062
Colorado	129	4,725	2,949	2,249	530	122	48	111	1,249	726
Connecticut	494	27,422	26,798	19,370	5,908	285	1,237	341	10,619	7,949
Delaware	56	3,026	3,109	2,025	828	7	249	42	1,123	971
District of Columbia	201	9,121	6,235	4,733	1,206	80	216	163	2,354	1,664
Florida	4,346	300,700	254,040	194,142	41,417	2,667	15,914	3,719	89,367	73,581
Georgia	2,320	202,181	183,215	141,085	28,421	1,863	12,846	1,670	60,322	53,732
Idaho	951	45,592	27,253	22,691	3,147	323	1,123	669	11,030	7,305
Illinois	1,075	52,927	43,572	30,396	9,849	862	2,445	980	16,615	12,544
Indiana	4,035	271,170	168,724	129,398	23,787	3,630	11,922	3,237	68,736	52,522
Iowa	801	51,704	38,247	28,449	6,143	937	2,716	625	16,528	12,356
Kansas	507	26,631	15,078	11,665	2,992	479	842	404	6,648	4,285
Kentucky	1,192	111,088	69,164	54,572	7,586	1,324	5,682	880	27,198	22,848
Louisiana	865	54,440	29,137	21,999	4,920	460	1,758	747	11,915	8,680
Maine	870	28,409	17,098	12,710	3,646	420	922	581	6,447	4,553
Maryland	3,410	148,604	72,796	58,128	8,485	2,944	4,195	3,022	31,466	19,607
Massachusetts	804	36,685	19,030	14,880	2,816	439	895	728	7,547	5,499
Michigan	509	22,830	11,701	9,431	1,656	427	787	471	5,260	2,909
Minnesota	828	41,877	22,008	17,904	2,706	496	1,442	670	10,331	6,833
Mississippi	232	7,163	2,965	2,289	448	144	119	222	1,093	597
Missouri	194	6,727	2,517	1,965	256	120	177	168	991	555
Montana	384	15,311	7,834	6,137	1,022	230	445	364	3,310	1,817
Nebraska	459	16,031	6,111	5,456	137	188	330	414	2,934	1,397
Nevada	3,192	154,398	97,712	83,338	7,138	1,751	5,485	2,527	40,948	24,336
New Hampshire	38	1,477	2,095	1,275	723	16	81	32	721	497
New Jersey	211	9,479	8,102	6,020	1,606	182	414	180	3,792	2,242
New Mexico	91	14,114	17,360	13,467	1,917	447	1,529	56	6,390	5,222
New York	410	17,149	11,658	10,369	328	316	645	323	5,439	2,912
North Carolina	244	11,247	6,026	5,815	137	166	407	183	2,024	1,507
North Dakota	373	16,745	8,750	8,054	163	83	450	306	4,349	1,924
Ohio	144	6,285	3,664	3,458	54	21	131	110	1,950	825
Oklahoma	353	16,145	9,896	8,275	754	209	458	290	5,000	2,264
Oregon	1,328	62,757	30,272	27,105	1,456	341	1,870	1,045	10,283	6,553
Pennsylvania	1,049	44,756	28,961	23,318	1,294	795	1,646	886	14,014	6,690
Rhode Island	319	12,613	7,660	6,513	756	169	362	282	3,743	2,239
South Carolina	317	15,480	10,029	8,779	192	313	745	257	5,268	2,355
South Dakota	240	9,096	4,784	4,225	204	137	128	205	2,693	1,121
Tennessee	173	7,565	4,159	3,799	53	96	211	142	2,290	965
Texas	2,994	106,906	53,570	44,552	2,757	1,800	4,541	2,636	25,238	13,175
Vermont	334	11,784	5,620	4,661	235	282	442	312	2,722	1,313
Virginia	285	11,109	9,541	7,299	1,214	180	908	242	4,307	2,454
Washington	673	23,008	6,765	6,146	124	139	356	406	3,483	1,743
West Virginia	1,702	63,005	31,644	26,606	1,184	999	2,855	1,476	14,726	7,665
Wisconsin	2,565	89,967	37,145	30,031	3,263	1,275	2,576	2,331	13,765	9,326
Wyoming	492	15,433	4,878	3,973	502	179	158	485	1,598	1,193
all states	275	8,778	3,469	2,919	120	185	245	243	1,305	906
all states	218	8,521	3,394	2,787	242	104	161	194	1,207	713
all states	722	26,488	9,097	7,789	792	130	386	676	3,853	2,430
all states	229	6,775	3,650	2,893	418	232	107	184	1,590	834
all states	236	8,861	5,278	4,399	512	355	1,012	190	2,074	1,484
all states	233	8,726	3,390	3,064	92	41	173	211	1,314	927
all states	160	5,325	2,991	2,182	425	50	334	148	755	758
all states	4,873	259,103	102,308	85,628	9,623	1,717	5,440	4,421	34,914	29,883
all states	983	50,747	14,536	12,874	651	362	649	913	5,476	4,452
all states	494	24,521	8,010	7,361	191	159	299	456	3,201	2,250
all states	3,396	183,835	79,762	65,393	8,681	1,196	4,492	3,052	26,237	23,181

<sup>1</sup> Pay roll includes paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.

<sup>2</sup> Receipts with total receipts of \$82,278,000 reported room rentals and sales of meals separately, as follows: \$42,000; meals, \$20,102,000.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939; separate report, Hotels, Service Establishments.

## APPENDIX

### UNITED STATES UNITS WITH METRIC EQUIVALENTS

1 inch = 2.540 centimeters.	1 liquid quart = 0.9463 liter.
1 foot = 0.3048 meter.	1 gallon = 231 cubic inches = 3.785 liters.
1 yard = 0.9144 meter.	1 bushel (measured) = 2,150.4 cubic inches = 35.24 liters.
1 mile = 1.609 kilometers.	1 avoirdupois ounce = 28.35 grams.
1 square yard = 0.8361 square meter.	1 troy ounce = 31.10 grams.
1 acre = 0.4047 hectare.	1 pound = 0.4536 kilogram.
1 square mile = 2.590 square kilometers.	1 long ton = 2,240 pounds = 1.0160 metric tons of 1,000 kilograms.
1 cubic inch = 16.39 cubic centimeters.	1 short ton = 2,000 pounds = 0.9072 metric ton.
1 cubic foot = 0.02832 cubic meter.	
1 cubic yard = 0.7646 cubic meter.	

### UNITED STATES GALLON AND BUSHEL WITH BRITISH EQUIVALENTS

1 United States gallon = 231 cubic inches = 0.8331 imperial gallon.	1 United States bushel = 2,150.4 cubic inches = 0.9604 imperial bushel.
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### OFFICIAL WEIGHTS OF THE BARREL OF NONLIQUID PRODUCTS

	Pounds	Kilograms
Wheat flour, barley flour, rye flour, and corn meal (net) <sup>1</sup> .....	196	88.90
Rosin, tar, and pitch (gross).....	500	226.80
Fish, pickled (net).....	200	90.72
Lime (net).....	200	90.72
Cement (4 bags counted as 1 barrel) (net) <sup>1</sup> .....	376	170.55

<sup>1</sup> Except as noted in the tables.

### OFFICIAL WEIGHTS OF THE UNITED STATES BUSHEL

	Pounds	Kilograms
Wheat, beans, peas, potatoes (Irish or white).....	60	27.22
Rye, corn (maize), linseed (flaxseed), maslin (mixed grain).....	56	25.40
Barley, buckwheat.....	48	21.77
Onions.....	57	25.86
Rough rice.....	45	20.41
Malt.....	34	15.42
Oats.....	32	14.51
Peanuts, green, in shell.....	22	9.98
Castor beans.....	50	22.68

### APPROXIMATE WEIGHT OF PETROLEUM AND PRODUCTS

In the United States petroleum and its products are measured by bulk, not weight. Whether handled in containers or without them the quantities are customarily reduced to the equivalent of barrels of 42 United States gallons (barrel thus equals 158.984 liters). In many foreign countries these commodities are measured by weight. The specific gravity of the different grades of crude petroleum and of the finished products varies materially. On the basis of approximate averages the Department of Commerce in converting foreign weight statistics to gallons or barrels of 42 gallons uses the factors shown in the following table:

	WEIGHT OF UNITED STATES GALLON		WEIGHT OF BARREL OF 42 GALLONS	
	Pounds	Kilo-grams	Pounds	Kilo-grams
Crude petroleum.....	7.3	3,311	306.6	139.07
Lubricating oils.....	7.0	3,175	294.0	133.36
Illuminating oils (kerosene).....	6.6	2,994	277.2	125.74
Gasoline and related products (motor spirit, benzine, etc.).....	6.1	2,767	258.2	116.21
Fuel and gas oils.....	7.7	3,493	322.4	146.00

## FOREIGN EXCHANGE RATES

of certified noon buying rates in New York for cable transfers. In cents per unit of foreign currency.

COUNTRY	Monetary unit	1940	1941	1942	1943	1944	1945	1946	1947
Argentina	Peso	29.773	29.773	29.773	29.773	29.773	29.773	29.773	29.773
Australia	do.	29.704	29.704	29.704	29.704	29.704	29.704	29.704	29.704
Belgium	Pound	322.80	322.80	322.80	322.80	322.80	322.80	322.80	322.80
Brazil	do.	305.16	321.27	321.50	321.50	321.50	321.50	321.50	321.50
Canada	Franc	3.3760					2.3000	2.3000	2.3017
Chile	Cruzeiro	6.0562	6.0573	6.0564	6.0564	6.0564	6.0564	6.0564	6.0564
Colombia	do.	5.0214	5.0703	5.1427	5.1200	5.1400	5.1200	5.1200	5.1200
Czechoslovakia	Dollar	90.909	90.909	90.909	90.909	90.909	90.909	90.909	90.909
Denmark	do.	85.141	87.345	88.379	89.978	90.853	90.853	90.853	90.853
Ecuador	Peso	5.1668	5.1664						
El Salvador	do.	4.0000	4.0000						
France	Yuan Shanghai	6.000	5.813						
Germany	Peso	57.085	57.004	57.062	57.200	57.272	57.014	57.014	57.014
Greece	Koruna							2.0000	2.0000
Hungary	Krone	19.308						20.0000	20.0000
India	Merksa	1.8710	2.0101						
Indonesia	Franc	2.0627					1.9711	1.9711	1.9711
Italy	Drachma	1.6715							
Japan	Dollar	22.958	24.592						
Latvia	Rupee	30.155	30.137	30.123	30.123	30.123	30.123	30.123	30.123
Lithuania	Lira	5.0407	5.0703					1.4434	
Malaya	Peso	18.546	20.538	20.500	20.577	20.581	20.581	20.581	20.577
Netherlands	Guilder	53.128					37.033	37.033	37.033
Norway	Pound	306.38	322.54	322.78	324.20	324.42	323.40	323.40	323.40
Philippines	Krone	22.709						20.170	20.170
Poland	Escudo	3.7110	4.0023					4.0000	4.0000
Romania	Pound	397.99	398.00	398.00	398.00	398.00	398.00	400.00	400.00
Slovakia	Peseta	9.322	9.130					9.130	9.130
Sweden	Dollar	46.979	47.133	46.919					
Switzerland	Krona	23.802	23.820					20.0000	20.0000
Taiwan	Franc	22.676	23.210					20.0000	20.0000
Thailand	Pound	403.50	403.50	403.50	403.50	403.50	403.50	403.50	403.50
Turkey	do.	383.00	403.18	403.50	403.50		403.50	403.50	403.50
Ukraine	Peso	65.830	65.830	65.830	65.830	65.830	65.830	65.830	65.830
USSR	do.	37.601	43.380	52.723	52.555	53.505	53.100	53.200	53.200

of daily rates for that part of year during which quotations were certified.

of June 1945 official rates for Australian and British pounds were abolished, and after this date quoted buying rates in New York market. Rates shown represent averages for second half of 1945 and are the same as those quoted before 1940.

Nov. 1, 1942, official designation of Brazilian currency unit was "milreis."

quoted after July 22, 1944, is not strictly comparable to "free" rate shown before that date. Average for 1944 for July 1-19 is 5.1902, and for Jan. 1-July 19, 5.1400, while average for new rate for July 20-31 is 5.2300, and for 25-Dec. 31, 5.2065.

Board of Governors of the Federal Reserve System; annual and monthly figures published monthly in the Federal Reserve Bulletin.

## TABLES BY SOURCE

Table numbers followed by "co-op." indicate that the statistics were compiled in cooperation with another agency; those followed by "part" indicate that statistics from another source appear in the same table.

### Federal Government Agencies

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Much valuable information will also be found in State reports and in reports for particular commodities, industries, or similar segments of our economic and social structure. However, because of the large number of such references, they are not included here.

Section references on the right hand side of each page indicate where data from the report cited appear in the Statistical Abstract. Where current reports and a summary volume are both cited in the bibliography the section reference will often appear opposite the summary volume only. Reference to the sections indicated will enable the user to ascertain the type of information presented in the original source. However, it should not be assumed that all of the subjects from that source are summarized in the Abstract.

The location of the publisher of the report is given except for Federal governmental agencies located in Washington. Major inquiries, such as the Census of Population, are referred to by name rather than by specific volume references under the various topic headings. The final reports of the Sixteenth Census, which include those on the Censuses of Agriculture, Business, Manufactures, Mineral Industries, Population, and Housing, are listed at the end of the bibliography.

Accidents—see Vital Statistics.	Abstract Sec. No.
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The Balance Sheet of Agriculture. Annual.....	23
Cash Receipts from Farming, by States and Commodities, 1924-44.	
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Farm Mortgage Credit Facilities in the United States. 1942.	
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Farmer Bankruptcies, 1898-1935. 1936. Subsequent annual data included in The Agricultural Finance Review.	
Gross Farm Income and Indices of Farm Production and Prices in the United States, 1869-1937. 1940.	
Income Parity for Agriculture. Part I, Farm Income; Part II, Expenses of Agricultural Production; Part III, Prices Paid by Farmers for Commodities and Services; Part IV, Income to Farmers, from Nonfarm	

**Agriculture—Continued****U. S. Bureau of Agricultural Economics—Continued.**

Sources; Part V, Population, Farms, and Farmers; Part VI, State Estimates of Income and Production Expenses. Publication of this series began 1938.

Net Farm Income and Parity Report. Annual through 1943. Later and revised data published in "The Farm Income Situation" reports. (See Situation Reports.) ..... 23

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**U. S. Bureau of the Census.**

Census of Agriculture. Quinquennial. (Latest census, Jan. 1, 1945.<sup>1</sup>)... 22-24

Census of Manufactures. Biennial. (Suspended after 1939 census. Resumed for 1947.) (Processing of agricultural products.)..... 25, 27, 29

Cotton Reports. Semi-monthly, monthly, quarterly, and annual. The current reports are summarized in two annual bulletins: (1) Cotton Production in the United States. (2) Cotton Production and Distribution..... 24, 29

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Fats and Oils. (Facts for Industry Series.) Monthly, quarterly, annual. The current reports are summarized in the annual report, Animal and Vegetable Fats and Oils..... 24

Foreign Commerce and Navigation of the United States. Annual..... 12, 21, 24, 27, 29, 30

Irrigation of Agricultural Lands. Decennial..... 22

Monthly Summary of Foreign Commerce of the United States..... 30, 31

**J. S. Bureau of the Census and U. S. Bureau of Agricultural Economics.**  
Analysis of Specified Farm Characteristics for Farms Classified by Total Value of Products. (1939.) 1943.

Farm-Mortgage Debt in the United States, 1945..... 23

Farm Population Estimates.

**J. S. Commodity Exchange Authority.**

Commodity Futures Statistics. Annual..... 16

**J. S. Department of Agriculture.**

Agricultural Statistics. Annual..... 16, 24, 25

Crops and Markets. Annual..... 24

**J. S. Department of Agriculture and U. S. Department of Commerce.**

Crop Yields and Weather. 1942.

**J. S. Department of the Interior.**

Annual Report..... 7, 22

**J. S. Farm Credit Administration.**

Annual Report..... 16

Statistics of Farmers' Marketing and Purchasing Cooperatives.

Annual..... 23

**J. S. Federal Crop Insurance Corporation.**

Annual Report.

<sup>1</sup>detailed bibliography (and price list), and a detailed alphabetical subject index, of the reports of the 1945 Census of Agriculture are included in U. S. Bureau of the Census, *Census Publications, 1947—Annual Catalog Subject Guide*, Washington, D. C., 1948. Purchase order should be addressed to Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

	Abstract Sec. No.
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U. S. Office of Foreign Agricultural Relations.	
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U. S. Rural Electrification Administration.	
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Rural Electrification News. Monthly.	
U. S. Soil Conservation Service.	
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Areas of the United States, 1940. 1943.....	1
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Building Permits—see Construction.	
Business—see Business Index Numbers, Public Utilities, Wholesale and Retail Trade, and Service Establishments.	
<b>Business and Industry Index Numbers.</b>	
Babson Statistical Organization, Inc. Babson Reports, Inc., Babson Park, Mass.	
Babsonchart-Barometer Letter. Weekly.	
Cleveland Trust Company, Cleveland, Ohio.	
Cleveland Trust Company Business Bulletin. Monthly.	
Dow-Jones Publishing Company, New York, N. Y.	
Wall Street Journal. Daily.....	16
Federal Reserve Bank of New York, New York, N. Y.	
Monthly Review of Credit and Business Conditions. (Snyder's Index of Production and Trade.)	
Guaranty Trust Company of New York, New York, N. Y.	
The Guaranty Survey. Monthly.	
McGraw-Hill Publishing Company, New York, N. Y.	
Business Week. Weekly. (Index of business activity.)	
National Bureau of Economic Research, New York, N. Y.	
The Output of Manufacturing Industries, 1899-1937, by Solomon Fabri- cant. 1940.	
Production of Industrial Materials in World Wars I and II (Occasional Paper No. 18), by Geoffrey H. Moore. 1940.	
Seasonal Variations in Industry and Trade, by Simon Kuznets. 1933.	
National Industrial Conference Board, New York, N. Y.	
Conference Board Business Record. Monthly.	
The Economic Almanac. Annual.....	8
New York Times Company, New York, N. Y.	
New York Times. Daily. (Weekly Index of Business Conditions.).....	16
U. S. Board of Governors of the Federal Reserve System.	
Federal Reserve Bulletin. Monthly. (Also monthly releases on business indexes, including indexes of industrial production.).....	8, 14, 16, 28-30, 32
U. S. Bureau of Foreign and Domestic Commerce.	
Survey of Current Business. Monthly. Biennial Supplement..	11, 14, 29, 30, 32

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Child Welfare—see also Vital Statistics.	
U. S. Bureau of the Census.	
Census of Population. Decennial.....	1, 5, 8, 11, 13
Children Under Institutional Care and in Foster Homes, 1933.	
U. S. Children's Bureau, Social Security Administration.	
Community Health and Welfare Expenditures in Wartime, 1940-42. (In 30 urban areas.)	
Social Statistics. (Published from time to time as a supplement to the Bureau's monthly bulletin, The Child. Includes annual juvenile-court statistics.)	
Trend of Child Labor, 1939 to 1942. Reprint from Monthly Labor Review, U. S. Department of Labor, March 1943.	
U. S. Social Security Administration.	
Annual Report.....	10
Social Security Bulletin. Monthly.....	10
Social Security Yearbook.....	10
State.	
U. S. Department of Agriculture.	
Yearbook of Agriculture, 1941: Climate and Man.	
U. S. Department of Agriculture and U. S. Department of Commerce. Crop Yields and Weather. 1942.	
U. S. Weather Bureau.	
Climatic Summary of the United States, 1930.	
Climatological Data. Issued monthly and annually for each State.	
Daily and Hourly Precipitation. Monthly. (Hydrologic bulletins issued for eight regions in the United States.)	
Daily River Stages at River gage stations on the principal rivers of the United States. Biennial.	
Daily Weather Bulletin. (For local areas.)	
Meteorological Yearbook.	
Monthly Meteorological Summary. (For local areas.)	
Monthly Weather Review.	
Weekly Weather and Crop Bulletin.	
Commerce—see Business Index Numbers, Foreign Commerce, Public Utilities, Wholesale and Retail Trade, and Service Establishments.	
Commodity Prices.	
Conrad Child Publications, New York, N. Y.	
Retail Price Index. Monthly. (Published regularly in Wall Street Journal.)	
Guaranty Trust Company of New York, New York, N. Y.	
The Guaranty Survey. Monthly. (Wholesale price index.)	
Federal Reserve Board of Commerce Corporation, New York, N. Y.	
Journal of Commerce. Daily.	
National Industrial Conference Board, New York, N. Y.	
Conference Board Management Record. Monthly. (N. I. C. B. cost- of-living index.).....	8
The Economic Almanac. Annual.....	8
The Management Almanac. Annual.....	8, 12

Commodity Prices—Continued

U. S. Bureau of Agricultural Economics.	
Agricultural Prices: Prices Received by Farmers for Principal Crops and Livestock Products, Index Numbers of Prices Received by Farmers, Indexes of Prices Paid by Farmers for Articles Bought and Parity Prices. Monthly releases.....	12, 24
Gross Farm Income and Indices of Farm Production and Prices in the United States, 1869–1937. 1940.	
Price Spreads Between Farmers and Consumers for Food Products, 1913–44. Also monthly release.	
U. S. Bureau of Labor Statistics.	
Handbook of Labor Statistics, 1947 Edition.....	12
Monthly Labor Review.....	8, 9, 11, 12, 16, 27, 28
Retail Prices. Release and periodic bulletins on annual average prices. Monthly releases, “Consumers’ Price Index and Retail Food Prices,” “Retail Food Prices by Cities,” and “Retail Prices of Fuel by Cities”....	12, 27
Wholesale Prices. Monthly release, “Average Wholesale Prices and Index Numbers of Individual Commodities.” Semiannual or annual bulletin.	12, 24
U. S. Department of Agriculture.	
Agricultural Statistics. Annual.....	16, 24, 25
Crops and Markets. Annual.....	24
Commodity Statistics—see Commodity Prices, Foreign Commerce, Manufactures, and Wholesale and Retail Trade.	
Communication—see Public Utilities.	
Construction, Housing, and Real Estate—see also Roads.	
F. W. Dodge Corporation, New York, N. Y.	
Dodge Statistical Research Service. Monthly. (Construction data.)....	28
Dun and Bradstreet, Inc., New York, N. Y.	
Dun’s Statistical Review. Monthly. (Building permit data.).....	16
McGraw-Hill Publishing Company, New York, N. Y.	
Engineering Construction Markets. Monthly.....	28
Engineering News-Record. Weekly. (Construction costs index.).....	28
U. S. Board of Governors of the Federal Reserve System.	
Federal Reserve Bulletin. Monthly.....	8, 14, 16, 28–30, 32
U. S. Bureau of Agricultural Economics.	
The Farm Real Estate Situation. Annual. Quarterly release, “Current Developments in the Farm Real Estate Market”.....	23
U. S. Bureau of the Census.	
Census of Agriculture. Quinquennial. (Latest census, Jan. 1, 1945. <sup>1</sup> ) (Tenure and equipment data.).....	22–24
Census of Business. (Construction Industry.) Decennial. Special report for 1935.....	28, 32
Census of Business. Real Estate Agencies, 1935.	
Census of Housing, 1940.....	28
Census of Population. Decennial. (Tenure and family data.)....	1, 5, 8, 11, 13
Current Population Reports. Housing.....	28
Housing Vacancy and Occupancy Surveys. Reports on housing of World War II veterans and dwelling unit vacancy and occupancy in selected areas.	
U. S. Bureau of the Census and U. S. Bureau of Agricultural Economics.	
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<sup>1</sup> For detailed bibliography and alphabetical subject index, see footnote 1. p. 999.



**Construction, Housing, and Real Estate—Continued**

U. S. Bureau of Foreign and Domestic Commerce.

Construction Activity in United States, 1915–37.

Construction and Construction Materials. Monthly Industry Report.... 28

Financial Survey of Urban Housing. 1937. (Covers 22 cities.)

Real Property Inventory, 1934. (Covers 64 cities. Reports were also issued for separate cities.)

Survey of Current Business. Monthly statistics and special articles.... 11,  
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U. S. Bureau of Labor Statistics.

Construction. Monthly report on selected phases..... 8, 28

Construction and Housing, 1946–47 (Bulletin No. 941).

Construction in the War Years, 1942–45 (Bulletin No. 915).

Consumers' Price Index and Retail Food Prices. (Rent indexes.) Month-  
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Handbook of Labor Statistics, 1947 Edition..... 12

Monthly Labor Review..... 8, 9, 11, 12, 16, 27, 28

Union Wages and Hours in the Building Trades. Annual..... 8

Wholesale Prices. Monthly release, "Average Wholesale Prices and  
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U. S. Federal Housing Administration.

Annual Report.

Insured Mortgage Portfolio. Quarterly.

U. S. Home Loan Bank Board.

Annual Report..... 16

Federal Home Loan Bank Review (last issue, June 1947). Monthly.

Annual Statistical Supplement..... 28

Real Estate Investments of Life Insurance Companies. Annual.

U. S. Housing and Home Finance Agency.

Annual Report.

Housing Statistics Handbook. 1948.

U. S. Interstate Commerce Commission.

Railroad Construction Indices. Annual.

U. S. War Production Board.

Facts for Industry. (Various series on construction compiled in coopera-  
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U. S. Work Projects Administration.

Urban Housing: A Summary of Real Property Inventories Conducted as  
Work Projects, 1934–36. 1938.**Consumer Incomes and Expenditures—see also National Income.**

Brookings Institution, Washington, D. C.

America's Capacity to Consume, by Maurice Levin, Harold G. Moulton,  
and Clark Warburton. 1934.

Productivity, Wages, and National Income, by Spurgeon Bell. 1940.

National Industrial Conference Board, New York, N. Y.

Conference Board Business Record. Monthly.

The Economic Almanac. Annual..... 8

F. R. Board of Governors of the Federal Reserve System.

A National Survey of Liquid Assets (1945), Parts 1–3. Reported in  
Federal Reserve Bulletin, June, July, and August 1946.Survey of Consumer Finances (1946), Parts 1–3. Reprinted from Federal  
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- U. S. Bureau of Foreign and Domestic Commerce.  
 Survey of Current Business. Monthly statistics and special articles . . . . . 11,  
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- U. S. Bureau of Human Nutrition and Home Economics.  
 Family Spending and Saving as Related to Age of Wife and Age and  
 Number of Children (1935-36). 1942.  
 Rural Family Spending and Saving in Wartime (1941-42). 1943.  
 Study of Consumer Purchases (1935-36): Urban and Village and Farm  
 Series. 1939-42. (22 volumes.)
- U. S. Bureau of Internal Revenue.  
 Statistics of Income. Parts 1 and 2. Annual . . . . . 14  
 Statistics of Income Supplement Compiled from Federal Income Tax  
 Returns of Individuals for 1934. Section I, 1938; Section II, 1940.  
 Statistics of Income Supplement Compiled from Income Tax Returns for  
 1936. Four sections. 1940.
- U. S. Bureau of Labor Statistics.  
 Family Spending and Saving in Wartime, 1941 and First Quarter of 1942 . . . 11  
 Money Disbursements of Wage Earners and Clerical Workers, 1934-36.  
 1939-41.  
 Monthly Labor Review . . . . . 8, 9, 11, 12, 16, 27, 28  
 Study of Consumer Purchases (1935-36): Urban Series. 1939-41.
- U. S. Department of Agriculture.  
 Agricultural Statistics. Annual . . . . . 16, 24, 25
- U. S. National Resources Planning Board.  
 Consumer Expenditures in the United States: Estimate for 1935-36. 1939.  
 Consumer Incomes in the United States: Their Distribution in 1935-36.  
 1938.  
 Family Expenditures in the United States (1935-36). 1941.
- U. S. Office of Price Administration.  
 Civilian Spending and Saving, 1941 and 1942. 1943 . . . . . 11
- U. S. Public Health Service. National Institute of Health.  
 The Relief and Income Status of the Urban Population of the United States,  
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- Cooperatives—see Agriculture and Wholesale and Retail Trade.  
 Corporations—see Manufactures and Wholesale and Retail Trade.  
 Correctional Institutions—see Crime.  
 Cost of Living—see Commodity Prices.  
 Courts—see Crime.
- Crime and Criminals.**  
 American Prison Association, New York, N. Y.  
 State and National Correctional Institutions of the U. S. A. and Canada.  
 Annual.  
 National Commission on Law Observance and Enforcement, Washington,  
 D. C. Report. 1931.

<sup>1</sup> For detailed bibliography and alphabetical subject index, see footnote 1, p. 989.

**Prisons and Criminals—Continued**

- Osborne Association, Inc., New York, N. Y.**  
**Handbook of American Institutions for Delinquent Juveniles. 1937.**  
**Handbook of American Prisons and Reformatories. 1937.**
- U. S. Administrative Office of the United States Courts.**  
**Annual Report of the Director----- 3**
- U. S. Bureau of the Census.**  
**County and City Jails, 1933.**  
**Crime and Mental Disease or Deficiency. 1936.**  
**Current Population Reports: Prisoners. Annual----- 3**  
**Judicial Criminal Statistics. Annual (Last issue, 1945; survey discontinued.)**  
**Juvenile Delinquents in Public Institutions, 1933.**  
**The Prisoner's Antecedents. 1929.**
- U. S. Bureau of Labor Statistics.**  
**Prison Labor in the United States, 1940. 1941.**
- U. S. Bureau of Prisons.**  
**Federal Prisons. Annual----- 3**
- U. S. Department of Justice.**  
**Annual Report of the Attorney General. (Statistical tables included prior to 1942.)**  
**Attorney General's Survey of Release Procedures. 1939.**
- U. S. Federal Bureau of Investigation.**  
**Uniform Crime Reports for the United States and Its Possessions. Semi-annual and annual bulletins----- 3**
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**Prisoners—see Vital Statistics.**  
**Prisons—see Agriculture.**
- Education.**  
**National Education Association, Washington, D. C.**  
**Research Bulletin. Published four times a year.**  
**School Finance Systems. Revised 1941.**
- U. S. Bureau of the Census.**  
**Census of Population. Decennial----- 1, 5, 8, 11, 13**  
**Current Population Reports: Population Characteristics----- 5**
- U. S. Office of Education.**  
**Biennial Survey of Education----- 5**  
**Digest of Annual Reports of State Boards for Vocational Education----- 5**  
**Expenditure per Pupil in City Schools. Annual.**  
**Federal Funds for Education. Annual.**  
**National Survey of the Education of Teachers. Bulletin, 1933, No. 10. Vols. I–VI.**  
**Salary and Education of Rural School Personnel. Quinquennial (no survey made in 1939–40 or 1944–45).**  
**Statistics of State School Systems, 1944–45----- 5**
- U. S. Office of Vocational Rehabilitation.**  
**Digest of Annual Reports of State Boards for Vocational Rehabilitation-- 5**

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Electrical Industries—*see* Public Utilities.

Emigration—*see* Population.

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Merchant Marine Statistics. Annual..... 21

Merchant Vessels of the United States, including Yachts and Government  
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U. S. Bureau of Foreign and Domestic Commerce.

International Transactions of the United States during the War, 1940-45.. 30

The United States in the World Economy. 1943.

U. S. Department of the Army, Corp of Engineers.

Annual Report of Chief of Engineers. Part II, Commercial Statistics.... 21

U. S. Maritime Commission.

Water-Borne Foreign and Noncontiguous Commerce and Passenger Traffic  
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U. S. Office of Foreign Agricultural Relations.

Foreign Agricultural Trade. Monthly..... 24

U. S. Treasury Department.

Annual Report. (Customs statistics.)..... 14, 16, 30

Treasury Bulletin. Monthly. (Data on capital movements.)..... 14

### **Forests and Lumber.**

American Lumberman, Chicago, Illinois. Biweekly.

National Lumber Manufacturers Association, Inc., Washington, D. C.

National Lumber Trade Barometer. Monthly.

U. S. Bureau of Agricultural and Industrial Chemistry.

Naval Stores Report on Turpentine and Rosin. Quarterly, semiannual,  
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- Census of Business.** Decennial. Special censuses in 1933 and 1935 and a special survey in 1937-38..... 28, 32
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- Census of Pulp Mills and Paper and Paperboard Mills.** (Facts for Industry series.) Annual..... 25
- Forest Products: Lumber, Lath, and Shingle Production.** (Facts for Industry series.) Annual..... 25
- Red Cedar Shingles.** (Facts for Industry series.) Monthly.

**U. S. Department of Agriculture.**

- Agricultural Statistics.** Annual..... 16, 24, 25

**U. S. Forest Service.**

- Annual Report (Statistical Supplement).**
- Domestic Lumber Distribution.** Annual.
- Forest Fire Statistics.** Annual..... 25
- Forest Resources and Industries.** (Reports of Nation-wide Forest Survey for States in forest regions.)
- National Forest Areas.** Annual..... 25
- A Reappraisal of the Forest Situation.** (A series of reports issued in 1946. Other reports to follow these on different aspects of forest situation.)... 25
- Stumpage and Log Prices.** Periodic.

**U. S. National Forest Reservation Commission.**

- Annual Report**..... 25

**U. S. National Resources Board.**

- Supplementary Report of the Land Planning Committee.** 1935. Part VIII of this report entitled "Forest Land Resources, Requirements, Problems, and Policy" was prepared by U. S. Forest Service.

**Government.****William B. Dana Company, New York, N. Y.**

- State and Municipal Compendium.** Semiannual. (Discontinued after publication of Part 1, 1943.)

**International City Managers' Association, Chicago, Ill.**

- Municipal Year Book.** Annual.

**Moody's Investors Service, New York, N. Y.**

- Moody's Government and Municipals.** (American and Foreign government securities.) Annual.

**Public Administration Service, Chicago, Ill.**

- The Units of Government in the United States,** by William Anderson. 1942.

**The Tax Research Foundation.**

- Tax Systems.** Ninth Edition. January 1942. (Prepared under the sponsorship of the N. Y. State Tax Commission. Published by Commerce Clearing House, Inc., Chicago, Ill.)

**U. S. Bureau of the Budget.**

- The Budget of the United States Government.** Annual..... 14

**U. S. Bureau of the Census.**

- Census of Governments, 1942.** Decennial. (1932 title, Financial Statistics of State and Local Governments; 1922 and earlier censuses, Wealth, Public Debt, and Taxation.) See also Revised Summary of State and Local Government Finances in 1942..... 15

Government—Continued

U. S. Bureau of the Census—Continued

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U. S. Bureau of Employees' Compensation, New York, N. Y.	
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U. S. Bureau of Internal Revenue.	
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Comparative Statement of Internal Revenue Collections. Monthly.	
Statistics of Income. Parts 1 and 2. Annual.....	14
U. S. Bureau of Labor Statistics.	
Occupations and Salaries in Federal Employment (1938). 1940. (Special survey made jointly with Civil Service Commission.)	
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National Education Association, Washington, D. C.

Salaries of School Employees. Biennial. (Published in National Education Association's Research Bulletin.)

National Industrial Conference Board, New York, N. Y.

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U. S. Census of Partial Employment, Unemployment, and Occupations.

Final Report on Total and Partial Unemployment, 1937. (Four volumes.)

<sup>1</sup> For detailed bibliography and alphabetical subject index, see footnote 1, p. 989.

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The Output of Manufacturing Industries, 1899–1937, by Solomon Fabri- cant. 1940.	
Production of Industrial Materials in World Wars I and II (Occasional Paper No. 18), by Geoffrey H. Moore. 1940.	
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Merchant Vessels—see Foreign Commerce.

Meteorological Data—see Climate.

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American Bureau of Metal Statistics, New York, N. Y.

Year Book.

American Gas Association, New York, N. Y.

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Monthly and quarterly reports of utility gas sales.

American Iron and Steel Institute, New York, N. Y.

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American Metal Market, New York, N. Y.

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American Petroleum Institute, New York, N. Y.

Petroleum Facts and Figures. Annual.

McGraw-Hill Publishing Company, New York, N. Y.

Engineering and Mining Journal. Monthly..... 27

The Mineral Industry. Annual. (Last issue, 1941.)

National Bureau of Economic Research, New York, N. Y.

The Mining Industries, 1899-1939: A study of Output, Employment, and Productivity by Harold Barger and Sam H. Schurr. 1944.

Petroleum Publishing Company, Tulsa, Okla.

The Oil and Gas Journal. Weekly.

U. S. Bureau of the Census.

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- U. S. Tariff Commission.  
Crude Petroleum (Report on the cost of producing crude petroleum in the United States, 1939, 1940, Jan.–Sept. 1941; supplemental report, Oct. 1941–June 1942).
- U. S. Treasury Department.  
Treasury Bulletin. Monthly. (Gold and silver statistics.)..... 14
- U. S. Work Projects Administration, National Research Project.  
Production, Employment, and Productivity in the Mineral Extractive Industries, 1880–1938.
- U. S. Work Projects Administration, National Research Project, in cooperation with U. S. Bureau of Mines.  
Employment and Related Statistics of Mines and Quarries, 1935: Coal.  
Mechanization, Employment, and Output per Man in Bituminous-Coal Mining. (2 volumes.)  
Technology, Employment, and Output per Man in Copper Mining.  
Technology, Employment, and Output per Man in Iron Mining.  
Technology, Employment, and Output per Man in Petroleum and Natural-Gas Production.
- Money, Banking, and Investments.**
- American Bankers' Association, New York, N. Y.  
Condition and Operation of State Banks. Annual.  
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- Dow-Jones Publishing Company, New York, N. Y.  
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- Moody's Investors Service, New York, N. Y.  
Moody's Manual of Investments. Annual. (Volumes on Industrials; Banks, Insurance, Real Estate, and Investment Trusts; Government and Municipals; Railroads; and Public Utilities.)..... 16
- New York Stock Exchange, New York, N. Y.  
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Revised Annual Estimates of Farm-Mortgage Debt by States, 1930-43.	
Revised Annual Estimates of Interest Charges and Interest Rates on Farm-Mortgage Debt, 1930-43.	
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Security Issues of Electric and Gas Utilities. Annual.	
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American Economic Association.	
Readings in the Theory of Income Distribution. (Contains a classified bibliography of articles on national income and distribution, 1920–45.)	
Brookings Institution, Washington, D. C.	
Productivity, Wages, and National Income, by Spurgeon Bell. 1940.	
Doane, Robert R.	
The Anatomy of American Wealth. Harper and Brothers Publishers, New York, N. Y. 1940.	
The Measurement of American Wealth. Harper and Brothers Publishers, New York, N. Y. 1933.	
National Bureau of Economic Research, New York, N. Y.	
Commodity Flow and Capital Formation, by Simon Kuznets. Vol. I. 1938.	
Distribution of Income by States in 1919, by O. W. Knauth. 1922.	
Income from Independent Professional Practice, by Milton Friedman and Simon Kuznets. 1945.	
Income in the United States, Vols. I and II, by Wesley C. Mitchell, Willford I. King, F. R. Macaulay, and O. W. Knauth. 1921–22.	

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National Bureau of Economic Research, New York, N. Y.—Con.

Income Originating in Nine Basic Industries, 1919–34, by Simon Kuznets.

National Income and Capital Formation, 1919–35, by Simon Kuznets. 1937.

National Income and Its Composition, 1919–38, by Simon Kuznets. 1942.

National Product in Wartime, by Simon Kuznets. 1945.

National Product Since 1869, by Simon Kuznets. 1946.

Studies in Income and Wealth.

Vol. 2, part 1—On the Measurement of National Wealth, by Simon Kuznets and others. 1938.

Vol. 4—Outlay and Income in the United States, 1921–38, by Harold Barger.

National Industrial Conference Board, New York, N. Y.

Conference Board Business Record. Monthly. (See article on wealth in issue of November 11, 1939.)

The Economic Almanac. Annual..... 8

National Income in the United States, 1799–1938, by Robert F. Martin. 1939.

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National Income in the United States, 1929–37, by Robert R. Nathan. 1938.

Monthly Income Payments in the United States, 1929–40, by Frederick V. Cone. 1940.

National Income in the United States, 1929–35. 1936.

National Income and Product Statistics of the United States, 1929–46. (Supplement to Survey of Current Business, July 1947.)..... 11

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Statistics of Income Supplement Compiled from Income Tax Returns for 1936. Four sections. 1940.

U. S. Federal Trade Commission.

National Wealth and Income. 1926. (Senate Document, No. 126, 69th Congress, 1st Session.)

Nationalization—see Population.

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National Population and Population Characteristics—see also Vital Statistics.

Princeton University School of Public Affairs and Population Association of America, Inc., Princeton, N. J.

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Estimates of Future Population of the United States, 1940-2000. 1943.		
Population Statistics. 1938. Vol. I, National Data; Vol. II, State Data; Vol. III, Urban Data.		
Problems of a Changing Population. 1938.		
U. S. Public Health Service, National Office of Vital Statistics.		
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National Municipal Review, New York, N. Y.		
Bonded Debt of Selected Cities, Jan. 1, by Rosina Mohaupt. Annual in June issue.		
Twentieth Century Fund, New York, N. Y.		
Debts and Recovery: 1929 to 1937, by Albert G. Hart. 1938.		
The Internal Debts of the United States, by Evans Clark. 1933.		
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<sup>1</sup> For detailed bibliography and alphabetical subject index, see footnote 1, p. 999.

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- U. S. Bureau of the Census.
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- Long Term Debts in the United States, by D. C. Horton. 1937.
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Financial Statistics for Electric and Gas Subsidiaries of Registered Public-Utility Holding Companies. 1930-42.	
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Twenty-five Years of Health Progress, by Louis I. Dublin and Alfred J. Lotka. 1937.	
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